variety of ways.26 Without the user's knowledge or \*consent\*, a Web site can obtain "a user's electronic mail address, the type of computer...

...information about one individual may be worth up to \$500.50

Advertising created from these \*databases\* of \*personal\* \*information\* is one of the sustaining forces behind e-commerce.51 In addition, information about who is visiting a particular site may assist in obtaining advertising contracts from \*businesses\* willing to \*pay\* \*fees\* to advertise at the Web site.52 The personal information about individuals who visit a...2) purpose, data collected for one purpose should not be used later for another; (3) \*consent\*, personal data should not be disclosed without the \*consent\* of the individual it is collected from; (4) security, any compilation of personal data from...

... The Requirements of the European Union Data Protection Directive

The Data Protection Directive requires that \*consent\* be obtained from individuals before personal identifiable information is transferred from the entity collecting the

information to a third party.70 The entity or organization collecting the information must obtain \*consent\* from the individual prior to collection and use of personal identifiable data.71 In addition...

... Data Protection Directive.76 The following situations may create an exception to Article 25: unambiguous \*consent\*, processing vital to the performance of a contract, processing necessary or legally required on important... mandates that Web sites targeting children under thirteen provide notice of information practices, obtain parental \*consent\* prior to collection, provide parental access to collected information, and maintain the confidentiality of any...

...in or an opt-out procedure. An "opt-in" procedure is where visitors must specifically \*consent\* to a proposed use, and an "opt-out" procedure is where visitors must indicate that... The DPPA prohibits States from disclosing a driver's personal information without the driver's \*consent\* subject to a number of statutory exceptions.131 Consequently, any personal identifiable information collected and...

... security number, medical information, and photograph, may not be disclosed to third parties without the \*consent\* of the individual it was obtained from .132

If Congress has the power to regulate...that must be adopted as a whole for recognition: (1) accountability; (2) identifying purpose; (3) \*consent\*; (4) limiting collection; (5) limiting use, disclosure, and retention; (6) accuracy; (7) safeguards; (8) openness...its purposes and that the data are not disclosed to a third party without the \*consent\* of the data subjects; (5) necessary to carry out the organization's obligations in the... ... articulated by either of these documents, the third party must enter into a written contract \*agreeing\* to adhere to the privacy principles articulated by the Safe Harbor Agreement before the information...

...reasonable steps is not discussed.

The access principle provides individuals with both the right to \*request\* disclosure of the collected information and the right to "correct, amend, or delete" any information...

... organizations utilize information acquisition techniques such as

cookies, it is essential that they obtain the \*consent\* of their targets-in other words they should ask politely if consumers would like milk...

#### 24/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01801905 04-52896

Business advice: "Dear career adviser:

Anonymous

Computerworld v33n14 PP: 58 Apr 5, 1999

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 951

...TEXT: my resume via the company's Web site. If I apply through the recruiter, the \*company\* will have to \*pay\* afee. But if go direct, I can save them recruiting fees, hopefully turning that into...

...route should I take? - DO-ITYOURSELF FRED

Dear Fred:

First, be aware that putting your \*resume\* into a company's \*database\* by itself is meaningless, and in this tight employment environment, many \*companies\* don't care if they \*pay\* \*fees\* for the right employees with the right skills.

You'll do better by finding an...

...an H-1B visa, the employer's first step is to submit a prevailing wage \*request\* to the applicable state department of labor. Based on the job description, and experience and...

#### 24/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01734554 03-85544

## Direct marketing group plans privacy guideline revisions

Liebman, Milton

Medical Marketing & Media v33n11 PP: 62 Nov 1998

ISSN: 0025-7354 JRNL CODE: MMM

WORD COUNT: 408

...TEXT: marketing purposes -- including the difference between compliance programs and promotional programs - and how should individual \*consent\* be acquired?

The need for action was illustrated earlier this year when Washington D.C ...

...or pitched new products for the same indication. They were signed by the pharmacies and \*paid\* for by pharmaceutical \*companies\*. The practice was widespread, and critics complained that it breached medical privacy rules.

The pharmacies...

... information and not reusing it in any way. The case illustrates the marketing use of \*personal\* health \*information\* \*databases\* and the concern of the DMA.

Federal regulation is coming automatically, Dr. Culnan pointed out...

... more research was needed before the organization could revise its privacy guidelines. It was generally \*agreed\* that discussion with the AMA, PhRMA, and consumer groups would be productive.

#### 24/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00961264 96-10657

## Subscription searches

Ettorre, Barbara

Management Review v84nl PP: 6 Jan 1995

ISSN: 0025-1895 JRNL CODE: MRV

WORD COUNT: 350

...TEXT: search.

University ProNet, based in Palo Alto, Calif., has one answer. The company has a \*database\* of \*resumes\* from almost 50,000 undergraduate and graduate school alumni from 16 top U.S. universities...

...resumes on diskettes that they can update annually.

More than 200 large and small participating \*companies\* \*pay\* a subscription \*fee\* entitling them to 10 searches a year. The fee averages less than one-third the...

... University ProNet's activities can reflect economic trends. In the past six months, for example, \*requests\* for searches have gone up 7 percent to 10 percent, as the U.S. job...

#### 24/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00821567 94-70959

#### A computerized hiring search

Pouliot, Janine S

Nation's Business v82n2 PP: 32 Feb 1994

ISSN: 0028-047X JRNL CODE: NAB

WORD COUNT: 778

...ABSTRACT: of people who appear to be appropriate for the job. The client firm may then \*request\* a complete resume on the candidates it wants to pursue. The interested employer is responsible...

...TEXT: of people who appear to be appropriate for the job. The client firm may then \*request\* a complete resume on the candidates it wants to pursue. The interested employer is responsible...

...receive a fee as high as 50 percent of a candidate's first-year salary, \*resume\* \*data\* \*bases\* can save small to midsize companies thousands of dollars per job placement.

Not all resume banks charge \*businesses\* a \*fee\*. For example, the National Resume Bank, in St. Petersburg, Fla., lets companies use its data base for free but charges job applicants a one-time \$40 \*fee\*, says Frank Fox,

executive director. \*Companies\* use a computer modem to gain access to more than 3,000 \*resumes\* in the \*data\* \*base\*.

In many eases, individuals who submit \*resumes\* to \*data\* \*bases\* hold jobs and may not be actively seeking to relocate. Yet an improved salary and a more challenging position may woo them away from their current employers.

\*Resume\* \*data\*-\*base\* services typically list candidates for a full range of positions. The National Resume Bank, for...

#### 24/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00528594 91-02938

#### Job Networking: Let the NAPM Do the Walking

Lorincz, Jim

Purchasing World v34n12 PP: 30, 33 Dec 1990

ISSN: 0093-1659 JRNL CODE: PCW

...ABSTRACT: set up about 2 years ago to provide a job matching service using a computerized \*database\* of \*resumes\*. The \*database\* currently contains 1,800 active resumes that are available for match with search \*requests\* by prospective \*employers\* that \*pay\* a flat search \*fee\* of \$750 for the service. Some of the 168 local Purchasing Management Association affiliates around...

#### 24/3,K/8 (Item 1 from file: 9)

DIALOG(R) File 9: Business & Industry(R) (c) 2003 Resp. DB Svcs. All rts. reserv.

3326895 Supplier Number: 03326895 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Yahoo! to Buy HotJobs.com Career Site

(Yahoo! to acquire online job recruiters HotJobs.com for \$436 mil)

Daily News , p N/A December 28, 2001

DOCUMENT TYPE: Regional Newspaper (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 411

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### TEXT:

...career site, stealing it away from TMP Worldwide, the Monster.com parent that had earlier \*agreed\* to buy HotJobs for about \$355 million in stock.

Analysts said the deal is a...

...may not be the best time for career sites to make huge profits off recruitment \*fees\* charged to \*employers\*, this is a good time to attract resumes of potential job candidates and build market...

...fewer employers spending," said HotJobs CEO Dimitri Boylan. "It's a chance to build your \*resume\* \*database\* and continue building your brand."

The theory is that a healthy stash of resumes should...

#### 24/3,K/9 (Item 1 from file: 275)

DIALOG(R) File 275: Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02515572 SUPPLIER NUMBER: 75918971 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Pass the Cookies and Uphold the Privacy. (Internet/Web/Online Service
Information) (Column)

guenther, kim

Computers in Libraries, 21, 6, 56

June, 2001

DOCUMENT TYPE: Column ISSN: 1041-7915 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 2226 LINE COUNT: 00178

... through "synchronization" with other data sources where personal information is stored and shared with other \*companies\* (usually for a \*fee\*). Creating a user profile when the information is not volunteered by the end-user is...

...on the Internet, especially when your digital identity is used at another site because your \*personal\* \*information\* was captured in a \*data\* \*base\* and then sold or shared with companies you've never heard of. There's a...

...users' trust and confidence in the Internet by promoting the principles of disclosure and informed \*consent\*. Because this site wants to demonstrate its commitment to your privacy, it has \*agreed\* to disclose its information practices and have its privacy practices reviewed for compliance by TRUSTe...to provide services to the customer such as account information to process an interlibrary loan \*request\*, or address information to deliver bibliographic search \*requests\*

Marketing: Data captured in order to target user types for content, formatting, and delivery purposes

#### 24/3,K/10 (Item 2 from file: 275)

DIALOG(R) File 275: Gale Group Computer DB(TM) (c) 2003 The Gale Group. All rts. reserv.

01127331 SUPPLIER NUMBER: 00667865

IEEEs PEER: An Update.

Feeney, K. EDN, pl2 Jan., 1985

ISSN: 0012-7515 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: participate in the service with the result that over 5,000 engineers are registered. Prospective \*employers\* \*pay\* for the service on a per search basis; job searchers submit applications and a resume to Jobnet where \*resumes\* are entered into the \*data\* \*base\*. One way confidentiality is maintained is through the elimination of the job searcher's name on the \*resume\* in the \*database\*. Applicant information is released to a prospective employer only by express \*permission\*.

#### 24/3,K/11 (Item 1 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R) (c) 2003 The Gale Group. All rts. reserv.

01460761 Supplier Number: 46943439 (USE FORMAT 7 FOR FULLTEXT) SOFTBANK Ventures invests \$3 million in I-Search.
Business Wire, p12030199
Dec 3, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 817

... technologies and browser-based interface as the Private Reserve service.

Applicants interested in posting their \*resumes\* on these public \*databases\* simply copy and paste their resume, answer a few simple questions and let I-Search...

...process of simple one-line text searches.

Only when the applicant's contact information is \*requested\* do \*employers\* \*pay\* a low \*fee\* per job-seeker contacted.

The recently announced teaming agreement with Westech ExpoCorp is I-Search...

?

#### 20/3,K/1 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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02039537 55489979

#### Using the Internet to find your next job

Zall, Milton

Strategic Finance v81n12 PP: 74-78 Jun 2000

JRNL CODE: NAA WORD COUNT: 1688

...TEXT: makes it possible. There are two basic approaches you can take. You can post your \*resume\* in a \*database\* where it can be viewed by the general public (such as Headhunter.net or Career Magazine) or by any \*employer\* paying a \*fee\* for access (such as CareerMosaic, CareerWeb). This will place your resume "in circulation," but you...

... money on stamps. Resume distribution companies transmit your document electronically to employers, recruiters, and online \*resume\* \*databases\*. No more addressing envelopes, and you get your resume into circulation for much less than...I have had amazing successes going through the Internet. I have gotten a lot of \*interviews\*, and I am finally in a position I love.

Elyse Greenwald has this to say...

#### 20/3,K/2 (Item 2 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01971406 47509715

#### Technology infusion in service encounters

Bitner, Mary Jo; Brown, Stephen W; Meuter, Matthew L

Academy of Marketing Science. Journal v28nl PP: 138-149 Winter 2000

ISSN: 0092-0703 JRNL CODE: AMK

WORD COUNT: 9184

...TEXT: and accuracy.

Technology can also be used to improve fmns' ability to effectively use the \*information\* collected by \*contact\* employees. \*Databases\* allow key information on customers to be shared throughout the organization and used by anyone... its foremost competitors, to form NewsEDGE Corporation, resulting in a combined total of 840,000 \*paid\* readers in 1,000 \*companies\*. Although size is only an indirect indicator of customer satisfaction, the high number of paying...

... their past ordering history. They also customize the service for themselves by reading selfselected online \*interviews\* and book reviews by other customers. The experience can be totally customized by the customer

#### 20/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01865761 05-16753

Top job sites

Murphy, H Lee

Marketing News v33n16 PP: 13 Aug 2, 1999 ISSN: 0025-3790 JRNL CODE: MNW

WORD COUNT: 1597

...TEXT: basic functions such as search engines to ease with e-mail; some employers do preliminary \*interviews\* online.

Technology-related job listings are most popular online as the candidates are guaranted to...t offer custom services.

But even on the smaller sites, job-hunters typically don't \*pay\* for access to the postings; the \*employers\* have \*paid\* to advertise their openings on the job boards. If the service offers a \*resume\* \*database\* for employers to search, it also usually costs the job-seeker nothing to post a resume there because \*employers\* typically \*pay\* for the privilege. (An exception is the AMA's job pages because certain resources are...

... than \$50,000 annually-and the search engine will direct them only to those jobs \*meeting\* the specified parameters.

Some Internet services allow employers to post more than ajob description on...

... Beyond.com, does 60% of his recruiting online. And I-traffic, which employs 100, also \*interviews\* online. Interesting candidates are queried via email by CEO Scott Heiferman, who follows up with...

...most of what we do is performed by e-mail. By doing some of the \*interview\* online, we are able to determine if the person can spell and communicate well in...

#### 20/3, K/4(Item 4 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01733920 03-84910

Hiring veterans: A cost-effective staffing solution

Epstein, Miles Z; Epstein, David G

HRMagazine v43n12 PP: 106-114 Nov 1998

ISSN: 1047-3149 JRNL CODE: PAD

WORD COUNT: 3011

...TEXT: sorts and identifies those graduates who perfectly match all selected criteria, then lists those graduates \*meeting\* some-but fewer than all-of the criteria. To order online, go to http://www...press 2. The Non-Commissioned Officer's Association (NCOA) sponsors job fairs and offers its \*resume\* \*database\* to \*companies\* that \*pay\* to participate in the association's career conferences. The NCOA serves non-commissioned and petty...

... joint venture between Army Times Publishing and DI-USA Inc. that provides employers with a \*database\* of \*resumes\* and an online \*bulletin\* \*board\* for posting jobs. At http://www.taonline.com you can place a single job listing...

#### 20/3,K/5 (Item 5 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01580476 02-31465

## Changing jobs? Try the Net

Martin, Justin

Fortune v137n4 PP: 205-208; Europe 94-96 Mar 2, 1998 ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 2056

...TEXT: 20-year veteran of Tandy, was able to arrange a series of conventional in-person \*interviews\* and landed several promising offers. He wound up taking a six-figure job with a...

... storage system. A keyword section ensures that when some HR person searches the company's \*resume\* \*database\*, up pops yours. The key, of course, is including the right keywords. An operations VP...

... time. At most sites, posting a resume is free to job seekers. It's generally \*companies\* and recruiters that \*pay\* to conduct a search.

Before posting your resume at a site, make sure that you...E-mailed her resume. Further E-mail exchanges culminated in a trip to Minneapolis for \*interviews\* in person. She liked Medtronic; Medtronic liked her. Now she's a business process improvement...

... one called "greatjobs," say, and you're more likely to land a date than an \*interview\*. But a recent visit to a newsgroup devoted to consulting found truly substantive discussion on...

#### 20/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01346323 99-95719

#### On the record

Giobbe, Dorothy

Editor & Publisher v129n50 PP: 10-13+ Dec 14, 1996

ISSN: 0013-094X JRNL CODE: EDP

WORD COUNT: 2310

 $\dots$ TEXT: came to my office with his chief of staff  $\dots$  and we had a one-hour \*meeting\* in front of two other members of my staff at which Torricelli cautioned this newspaper...Moore, who resigned from the paper last month, has operated Dig Dirt since last spring. \*Billed\* as an information broker," the \*company\* offers \*database\* searches of \*personal\* \*information\*.

#### 20/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01301925 99-51321

#### 'Net recruiting shortens search

King, Julia

Computerworld v30n40 PP: 65-69 Sep 30, 1996

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 588

...TEXT: There was little time for trolling the classifieds and even less for going out on \*interviews\*.

Irene Yao was under time pressures of her own. A program manager at  $I\text{-Planet}\dots$ 

... not be qualified. With IntelliMatch, we have much more control over who we select [to \*interview\*]," Yao said.

Matching up

Using IntelliMatch, employers and job seekers use a structured format to...

...provides job hunters and employers with potential leads. The service is free to job seekers. \*Employers\* \*pay\* \$50 per lead and download an average of 20 leads before hiring an employee.

The \*database\* contains about 50,000 \*resumes\*, a number that increases at a rate of between 10,000 and 15.000 resumes...

...marketing communications at I-Planet.

"I didn't have to go through six rounds of \*interviews\* over the course of a month and a half, which is hard when you're...

#### 20/3,K/8 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01026466 96-75859

#### What's new and improved in the search for a job

Anonymous

Baylor Business Review v13nl PP: 6 Spring 1995

ISSN: 0739-1072 JRNL CODE: BBR

WORD COUNT: 706

...TEXT: universities met with employers from across the nation in a two-day employment screening and \*interviewing\* process.

"I can't say enough about the value of networking for students and alumni  $\dots$ 

... with students and hiring Baylor graduates whenever possible," says Beseda. "Now, with access to the \*Resume\* Expert \*database\*, these employers can reach an even wider pool of candidates simply by posting job openings with Baylor's Career Services Center.

"So why \*pay\* a search \*company\* for services that Baylor offers you as a student or alumnus?" queries Beseda. "Companies, why...

## 20/3,K/9 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00979923 96-29316

#### Relocation has a new look

Flynn, Gillian

Personnel Journal v74n2 PP: 48-62 Feb 1995

ISSN: 0031-5745 JRNL CODE: PEJ

WORD COUNT: 5043

... TEXT: provide this type of service). Other services provided (offered by

one-fourth or fewer of \*companies\*) range from resume writing assistance to \*paid\* job-hunting trips.

Louisville, Kentucky-based UPS Air, lines is one company that's taking...

... s going to begin to input spouse resumes on the company's already existing online \*resume\* \*database\*. A program called Resumix allows the company to scan in resumes and then tap them...

...two of my managers' spouses or dependents are on their way to a possible job \*interview\* and a possible job."

However, UPS Airlines is a company ahead of its time. Despite...march. "It's important for the children to go along because they're changing schools, \*meeting\* new friends," says Hedger. "It's hard for them, so this is a goodwill gesture...

#### 20/3,K/10 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00824331 94-73723

#### Go from pink slip to paycheck

Topolnicki, Denise M

Money v23n3 PP: 74-80 Mar 1994

ISSN: 0149-4953 JRNL CODE: MON

WORD COUNT: 2146

...TEXT: provide. Such counselors can help you write your resume, identify potential employers and polish your \*interviewing\* skills. They can't find a job for you, however, so spin your Rolodex for...isn't true.) Your best bets are so-called contingency search firms, which earn their \*fee\* (\*paid\* by the \*employer\*, not you) only when they fill a slot. Retainer firms, on the other hand, are \*paid\* by \*employers\* whether or not one of the candidates they present is hired. To identify the search...

...have nothing to lose by plugging into it. There are firms that will file your \*resume\* on an electronic \*database\* for three to 12 months at a cost to you of \$10 to \$50. For...

...still longed to work as a CFO again and made a point of setting up \*interviews\* with local executives to ferret out job opportunities.

In February 1991 he met with the...him to mail 12,000 resumes. Buckingham did--and received 17 responses. He decided to \*interview\* at four companies and ended up weighing three job offers. In February 1993, seven months...

#### 20/3,K/11 (Item 11 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00730738 93-79959

## Information technology, marketing practice, and consumer privacy: Ethical issues

Foxman, Ellen R; Kilcoyne, Paula

Journal of Public Policy & Marketing v12n1 PP: 106-119 Spring 1993

ISSN: 0743-9156 JRNL CODE: JMP

WORD COUNT: 10329

...TEXT: Using information technologies in marketing improves cost

efficiency and, some marketers claim, actually leads to \*meeting\* consumers' needs more effectively. However, business-consumer relationships degrade when consumers feel that marketers' use...it does not resolve the underlying ethical problem of consumer control over the use of \*personal\* \*information\*.

#### STATE \*DATABASES\*

Much of the information individuals provide to government offices, especially state offices, is considered part...

...states now make driver's license data (vision, height, weight, name, and address) available to \*companies\* for a \*fee\*. Drivers are neither informed of this fact nor given any say in the use of...

## 20/3,K/12 (Item 12 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00645737 92-60677

#### \*Interview\* - Property Slump

Baker, Carol

Credit Control v13n3 PP: 24-26 Mar 1992

ISSN: 0143-5329 JRNL CODE: CRT

WORD COUNT: 813

## \*Interview\* - Property Slump

ABSTRACT: In an \*interview\* , Allan Mulquiney, national head of property management at property specialists Grimley, J. R. Eve, said...
...TEXT: companies, sole traders and partners with the facility to crossreference company directors to a consumer \*database\* , providing additional \*personal\* financial \*information\* , such as Decrees in the Sheriffs Court. This will offer an insight into the way...

... in the financial status of certain customers to show, for example, if they are delaying \*payment\* to other suppliers. If a \*company\* is heading towards liquidation, an early warning can limit the damage to a business. When...

## 20/3,K/13 (Item 1 from file: 9)

DIALOG(R)File 9:Business & Industry(R) (c) 2003 Resp. DB Svcs. All rts. reserv.

2828576 Supplier Number: 02828576 (USE FORMAT 7 OR 9 FOR FULLTEXT)

iGoAbroad Helps Job Seekers with Their Search

(New company IGoAbroad assists people in Asia with finding jobs or degrees in North America and helps companies looking to hire foreign nationals) Online Reporter, p N/A

June 05, 2000

DOCUMENT TYPE: Newsletter (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 368

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### TEXT:

...from multinationals looking for employees to staff their Asian offices.

Employers can search iGoAbroad's \*database\* of \*resumes\* to find qualified prospects. Through its partners, the start-up will \*interview\* the candidates as well as screen them for English proficiency. \*Companies\* \*pay\* a \$3,000 annual \*fee\* for job postings, unlimited access to the database and the initial \*interview\* and screening. Other services such as viewing video streams of the \*interview\* and second \*interviews\* are available for an additional charge.

The company has set up an office in Seoul...

20/3,K/14 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

2720015 Supplier Number: 02720015 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Linking students to jobs has Gooey on the grow
(Gooey Industries, which provides Web-based hiring service, has raised approximately \$4.5 mil in funding from 110 investors)

Crain's Cleveland Business, v 21, p 26

February 21, 2000

DOCUMENT TYPE: Journal ISSN: 0197-2375 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 915

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### TEXT:

...of his businesses, Plantscape Design, which provided residential landscaping.

"That's where we ended up \*meeting\* a lot of our early investors and some advisers," Mr. Cleveland said.

The three founders...

...to research the inefficiencies of the job search process and hired two sales people to \*interview\* prospective users of a web-based hiring program.

"We wound up talking to thousands of...

...In addition to online job postings and an automated resume-builder, it offers e-mail \*interview\* scheduling and career-related chat rooms, among other features.

The Gooey product currently is being...

...a system that doesn't work as well or as efficiently as Gooey's program.

\*Employers\* \*pay\* \$60 per month and get to post 35 job listings on the site and make 80 \*resume\* searches among various \*databases\*.

"The product we developed really empowers employers in a way that they've never been...

20/3,K/15 (Item 3 from file: 9)

DIALOG(R) File 9: Business & Industry(R) (c) 2003 Resp. DB Svcs. All rts. reserv.

2403090 Supplier Number: 02403090 (USE FORMAT 7 OR 9 FOR FULLTEXT)

# Hammering Down High Legal Costs (The top 10 US company legal staffs are ranked by number of full-time attorneys in 1998; Travelers Group is ranked first)

Insurance Networking, p 36+

March 1999

DOCUMENT TYPE: Journal; Ranking; Industry Overview (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3083

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### TEXT:

...for example, can post a query on TrialNet asking if any other attorneys have ever \*interviewed\* that expert. Lawyers who have can then respond, comment on the strengths and weaknesses of...

...firms upload information to the database for future retrieval. All users need to access the \*database\* and to download \*information\* is a \*personal\* computer and Web browser, such as Microsoft Corp.'s Internet Explorer or Netscape Communications Corp firms it does business with to participate in the network. To join TrialNet, \*companies\* \*pay\* a one-time \*fee\* of \$10,000. Outside law firms must pay \$200 per month to subscribe to the...

## 20/3,K/16 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R) (c) 2003 Resp. DB Svcs. All rts. reserv.

2366769 Supplier Number: 02366769 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Swiss Temporary Staffing Firm Adecco Recruits Workers via Mall Kiosks
(Temporary employment agency Adecco has placed computerized "Job Shop"
kiosks in shopping malls as one way to attract workers in a tight job
market)

Boston Globe , p N/A January 31, 1999 DOCUMENT TYPE: Regiona

DOCUMENT TYPE: Regional Newspaper ISSN: 0743-1791 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 864

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### ABSTRACT:

...represents about 200 Boston-area firms, has a spinoff called HotChili Technology Inc. that manages \*resume\* \*databases\* for \*employers\*. \*Companies\* \*pay\* between \$6,000 to \$8,500 per year to select an unlimited number of applicants...

#### TEXT:

...represents about 200 Boston-area firms, has a spinoff called HotChili Technology Inc. that manages \*resume\* \*databases\* for employers.

"Employers receive these resumes from all kinds of sources," said Ian Grant, cofounder...

...collect them at career fairs, or they receive through direct mail or at open houses."

\*Companies\* \*pay\* between \$6,000 to \$8,500 per year to select an unlimited number of applicants...

... At the same time, Beck said: "These methods really supplement

traditional forms of recruiting and \*interviewing\*. They are not replacements. On Long Island, for example, one recruiter was using billboards because...

20/3,K/17 (Item 5 from file: 9)

DIALOG(R) File 9: Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

2302150 Supplier Number: 02302150 (USE FORMAT 7 OR 9 FOR FULLTEXT)

DTC Programs Spur Compliance

(Direct to consumer (DTC) programs, according to studies, help patients)

Medical Marketing & Media, v 33, n 11, p 58+

November 1998

DOCUMENT TYPE: Journal; Survey ISSN: 0025-7354 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1935

(USE FORMAT 7 OR 9 FOR FULLTEXT)

#### ABSTRACT:

...basis. A study conducted by Market Measures occurred in June-July 1998, and included telephone \*interviews\* with 4,292 consumers. Study discovered that consumers frequently take additional actions, following viewing of...

#### TEXT:

... American Pharmaceutical Association to determine consumer reaction to DTC advertising. Data were collected during telephone \*interviews\* with a national random sample of 1,200 U.S. adults.

Conducted during March-April...

... Measures, consumer awareness and response to DTC advertising was measured in June-July 1998. Telephone \*interviews\* were conducted with 4,292 consumers. "In addition to contacting a doctor, consumers often take

...refill of your medication," was one of the actions taken by 12 percent of those \*interviewed\*. Comparisons between the results of the two studies are not appropriate, but the number of...or pitched new products for the same indication. They were signed by the pharmacies and \*paid\* for by pharmaceutical \*companies\*. The practice was widespread, and critics complained that it breached medical privacy rules.

The pharmacies...

...information and not reusing it in any way. The case illustrates the marketing use of \*personal\* health \*information\* \*databases\* and the concern of the DMA.

Federal regulation is coming automatically, Dr. Culnan pointed out...

#### 20/3,K/18 (Item 1 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R)

(c) 2003 The Gale Group. All rts. reserv.

Supplier Number: 74304043 (USE FORMAT 7 FOR FULLTEXT) 02879006

TMP Worldwide Announces Record First Quarter 2001 Results.

Business Wire, p2755

May 8, 2001

Record Type: Fulltext Language: English

Document Type: Newswire; Trade

Word Count: 850

... targeted acquisitions and by maximizing both the power of the Internet and the Monster.com \*resume\* \*database\*. As a result, commissions and \*fees\* for the division, including its interactive \*business\*, increased to \$116.5 million, up 20% from \$96.8 million for the same period...

com's broad customer base. Feature

products include Job Description Writer, Job Ad Writer and \*Interview\* Plan Builder.

Executive Search

-- In March, Coe & Company International Inc., a Canadian firm specializing in...

20/3,K/19 (Item 2 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R) (c) 2003 The Gale Group. All rts. reserv.

02754073 Supplier Number: 67925956 (USE FORMAT 7 FOR FULLTEXT)
ResumeMaker Deluxe 2001 Provides Needed Tools for Internet-Based Job
Search; Latest Version Publishes Online Resume Page, Offers
Internet-Ready Formats.

Business Wire, p0351

Dec 12, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 816

... for job seekers to more effectively manage an online job search.
According to Forrester Research, \*companies\* and 3rd party
recruiters will \*pay\* over \$320 million in 2001 for \*resume\* \*database\*
access and over \$1.6 billion in 2005. Online recruitment will become a \$7.1
...

...persuasive cover letters, identifying the ideal career, keeping the search organized, and knowing how to \*interview\* as well as negotiate salary. The tools ResumeMaker Deluxe 2001 provides address each of these...

...A History Log and Job Search Checklist help keep the search organized and the Virtual \*Interview\*(TM) provides answers to 500 common \*interview\* questions. Expert advice is provided by career coach and best-selling author Richard Fein, helping...

20/3,K/20 (Item 3 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R) (c) 2003 The Gale Group. All rts. reserv.

02580492 Supplier Number: 63611783 (USE FORMAT 7 FOR FULLTEXT)

Lexico Resources Files Lawsuit. Business Wire, p0312

July 21, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 521

... in the market. The trading caused a significant loss of LXXI's

market capitalization. The \*Company\* also has demanded \*payments\* from LEC on notes and other obligations. The Company's management intends to pursue these...

...now in progress, the necessary filings will be submitted to the SEC for LXXI to \*resume\* \*Bulletin\* \*Board\* trading. Management plans to call a shareholders' \*meeting\* when the audit is complete, the required documents are filed with the SEC, and a...

...Dolton's. The sale was conducted in accordance with a plan announced at the shareholders' \*meeting\* on Nov. 18, 1999.

Inquiries have reached management regarding the Company's Uinta Basin acreage...

#### 20/3,K/21 (Item 4 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R) (c) 2003 The Gale Group. All rts. reserv.

01784516 Supplier Number: 53531848 (USE FORMAT 7 FOR FULLTEXT)

JobDirect.com Revolutionizes College Job Search With New Products and

Industry Firsts.

Business Wire, p1422

Jan 7, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 524

... students directly via the web. Schools can manage, sort, and search students' resumes, publish interactive \*interview\* schedules online, and automate online job postings. Each system's appearance is completely customized to...

...the online recruiting field, making JobDirect.com the first company to successfully connect a searchable \*resume\* \*database\* with both career counselors and employers. "By organizing job fairs on over 300 campuses a

...post their resumes online, and automatically receive email on new job opportunities matching their interests. \*Employers\* \*pay\* a subscription \*fee\* for access to high-performance real-time search tools that deliver precision targeting of candidates...

...and CampusPostings.com systems to communicate with students and recruiters, automate job postings, and manage \*interview\* schedules online.

"As career counselors, we'd be doing our students a disservice if we ...

?

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show files
File 610: Business Wire 1999-2003/Jun 17
         (c) 2003 Business Wire.
File 810: Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 476: Financial Times Fulltext 1982-2003/Jun 17
         (c) 2003 Financial Times Ltd
File 634:San Jose Mercury Jun 1985-2003/Jun 15
         (c) 2003 San Jose Mercury News
File
      20:Dialog Global Reporter 1997-2003/Jun 17
         (c) 2003 The Dialog Corp.
? ds
Set
        Items
                 Description
                EMPLOYEE? OR (JOB OR EMPLOYMENT) (3N) ( CANDIDATE? OR APPL-
S1
      1508114
             ICANT? OR SEEKER?)
S2
       561340
                 (PERSONAL OR CONTACT) (2N) INFORMATION
S3
       227152
                 RESUME OR RESUMES OR CURRICULUM() VITAE
                FEE OR FEES OR PAID OR PAYMENT? OR PAY OR INVOICE? OR BILL-
S4
      3901923
S<sub>5</sub>
      2926150
                WORKER? OR PERSONNEL OR CONTRACTOR? OR EMPLOYEE?
56
       360534
                EMPLOYER?
S7
                INTERVIEW? OR MEETING
      3085472
                CONSENT? OR PERMISSION? OR REQUEST? OR AGREE? ? OR AGREEING
S8
      3287322
59
      8663107
                 JOB? OR EMPLOYMENT? OR SKILL? OR POSITION? OR WORK?()(EXPE-
             RIENCE? OR HISTOR?) OR KNOWLEDGE OR ABILIT? OR QUALIF? OR TAS-
             K? OR PROJECT?
S10
        14650
                 (JOB OR EMPLOYMENT) (3N) SEARCH?
S11
       508779
                DATABASE? OR DATABANK? OR BULLETIN()BOARD OR DATA()(BANK? -
             OR BASE?)
S12
        20117
                 (FEE OR FEES OR PAID OR PAYMENT OR PAY OR INVOICE? OR BILL-
             ED) (4N) (EMPLOYER? OR RECRUITER?)
S13
        20615
                RECRUITER?
        17457
S14
                S9(4N)S11
        17457
                S9(4N)S11
S15
S16
           74
                S14(2S)S12
S17
           64
                S16 AND S1
S18
            4
                S17 AND S7 AND S8
S19
            4
                RD (unique items)
S20
           44
                S12(S)S1(S)(S2 OR S3)
S21
           41
                RD (unique items)
S22
           13
                S21 AND S7
S23
            9
                S22 NOT PD=20020319:20030618
```

?

#### 23/3,K/1 (Item 1 from file: 610)

DIALOG(R) File 610: Business Wire

(c) 2003 Business Wire. All rts. reserv.

00291089 20000531152B2083 (USE FORMAT 7 FOR FULLTEXT)

United Airlines Selects recruitsoft.com For Hiring Management System Solution

Business Wire

Wednesday, May 31, 2000 14:26 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 731

...and lower costs. The

recruitsoft.com automated Web-based application service offers an alternative

for \*resumes\* by utilizing the company's proprietary skill-based screening technology.

As the leading corporate recruiting...

#### ...entire

process to allow the corporate recruiter to spend more time conducting in-depth candidate \*interviews\* and assessment, recruitsoft.com helps to increase retention rates and reduce time to contribution for new \*employees\*.

recruisoft.com serves major companies across many industries, including:

-- Bombardier Aerospace and Transportation (Toronto: BBDa...

#### 23/3,K/2 (Item 1 from file: 634)

DIALOG(R) File 634: San Jose Mercury

(c) 2003 San Jose Mercury News. All rts. reserv.

#### 10747211

## CAREEREGYPT.COM REAPS REWARDS OF BEING A MIDEAST PIONEER

San Jose Mercury News (SJ) - Sunday, September 3, 2000

By: HAMZA HENDAWI, Associated Press

Edition: Morning Final Section: Business Page: 3E

Word Count: 681

The \*job\* \*seekers\*, who by resorting to CareerEgypt.com prove they are Internet-literate and have at least a reasonable command of English, get the service for free. \*Employers\* \*pay\* a flat subscription \*fee\* for access to the \*resumes\*.

It's a simple idea, but revolutionary by the standards of Egypt, whose 65 million...

#### CAPTION:

... PRESS

Tarek Amin, 24, right, one of the founders of Career Egypt.com, heads a \*meeting\* at the company's office in Cairo. (000903 BU 3E)

#### 23/3,K/3 (Item 2 from file: 634)

DIALOG(R) File 634: San Jose Mercury

(c) 2003 San Jose Mercury News. All rts. reserv.

08319000

CARPLUK: LISTEN, SON, IF YOU THINK YOU'RE GONNA SIT ON YOUR DUFF ALL DAY .

San Jose Mercury News (SJ) - Wednesday, November 15, 1995

By: GREG CARPLUK column

Edition: Morning Final Section: Getting a Job Page: 1H

Word Count: 634

... of recruiting agencies and resume banks. Is today's technology advanced enough to land an \*interview\* from the comfort of a desk chair? When trying to improve your employment situation, your...

...based

PeopleBank (http://www.

londonmall.co.uk/ten/

canddef.htm) is an international database of \*job\* \*seekers\* focused on the United Kingdom, Ireland, Australia and the United States. PeopleBank accepts \*resumes\* and charges a subscription \*fee\* to the \*employer\*, much like any commodities broker. As you submit your \*resume\*, you select the geographic region or regions where you'd like to work. PeopleBank claims to put your \*resume\* in front of thousands of employers and thoughtfully offers a lockout feature to prevent your \*resume\* from being sent to your current employer.

(box) IPA, the Internet Professional Association, (http://www...

...be possible for you to wake up from a nightmare where you're doing an \*interview\* in your underwear and find yourself in your living room, doing an \*interview\* in your underwear.

(box) The Career Shop (http://
www.tenkey.com/cshop/) is a nationwide...

... hoping to post your resume and leave. The Applicant Overview page asks you 12 ''pre-\*interview\* '' questions, including a request to describe yourself in 100 words or less. I managed to...

#### 23/3,K/4 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter (c) 2003 The Dialog Corp. All rts. reserv.

23195741

Capitol Information Technology

NEWSBYTES

August 20, 2000

JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 724

... s degree.Do you administer any type of skills testing or prep them for the \*interview\*?We do not administer a skills test. Some employers do have their own test, and if they do we generally inform the candidate. As far as prepping them for an \*interview\*, we not only let them know whether or not they should wear a suit, but...

... them revise their resume to better reflect their experience and background. And we give them \*interviewing\* tips.Who negotiates the salary?The candidate's salary requirements are usually made clear to...

... a month. Higher-level positions generally take longer and may require second or even third \*interviews\*. Does the applicant have to \*pay\* a \*fee\*

?No. The \*employer\* pays all \*fees\* when a placement is made. Three months later, an applicant decides he's no longer...

... an applicant before calling it quits? If we send the candidate to a number of \*interviews\* and get negative feedback from the \*interviewer\*, we may decide not to work with that candidate any longer. But being turned down...

... 200, Rockville, Md. 20852Web site: www.capitolit.comIndustry: Information technologyFounded: February 1999Where to submit your \*resume\*: By mail or in person at the address above, by e-mail to info@capitolit...

23/3,K/5 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

14203343 (USE FORMAT 7 OR 9 FOR FULLTEXT)

ResumeMaker Deluxe 2001 Provides Needed Tools for Internet-Based Job Search; Latest Version Publishes Online Resume Page, Offers Internet-Ready Formats

BUSINESS WIRE

December 12, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 767

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of the Internet and online recruitment is a resource that can not be ignored by \*job\* \*seekers\*. Making the online \*job\* search easier to navigate, ResumeMaker Deluxe 2001, provides a variety of premier tools for \*job\* \*seekers\*. The ability to publish a personal \*resume\* page and format a \*resume\* in Internet-ready makes ResumeMaker Deluxe 2001 the ultimate resource in \*resume\*-writing software.

"The online job search is not an option -- it is now a necessary...

... persuasive cover letters, identifying the ideal career, keeping the search organized, and knowing how to \*interview\* as well as negotiate salary. The tools ResumeMaker Deluxe 2001 provides address each of these...

... A History Log and Job Search Checklist help keep the search organized and the Virtual \*Interview\*(TM) provides answers to 500 common \*interview\* questions. Expert advice is provided by career coach and best-selling author Richard Fein, helping...

23/3,K/6 (Item 3 from file: 20)

DIALOG(R) File 20: Dialog Global Reporter (c) 2003 The Dialog Corp. All rts. reserv.

13629526 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Job hunting on the Net is popular trend

Vishnu K. Mahmud JAKARTA POST, p13

November 05, 2000

JOURNAL CODE: FJKP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1026

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... features of the website is its content. Their Career Center channel has information on companies, \*interview\* tips, stories from successful

businessmen and others which are both inspirational and informative to the

... screening technology and resume search agents to name a few. Contact information, as for the \*job\* \*seeker\*, can be obscured and redirected via Monster.com. With over hundreds of thousands of \*job\* \*seekers\* per month in the Pacific area alone, Monster.com can be considered the de facto...

(Item 4 from file: 20) 23/3,K/7 DIALOG(R) File 20: Dialog Global Reporter (c) 2003 The Dialog Corp. All rts. reserv.

11562084 (USE FORMAT 7 OR 9 FOR FULLTEXT) Hi-Tech Job Placement - Real Jobs for Real People -PR NEWSWIRE June 19, 2000

semiconductor and other

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT WORD COUNT: 291

the

... specializes in technological industries.

4 . 3

Hi-Tech Job Placement offers advertising, \*interviewing\*, background checks, skills testing and drug screening services for employers with minimal fee charges. It offers prospective \*employees\* professional \*resumes\* , company background checks, verified career path opportunities, national placement, and complete confidentiality, at no charge. Hi-Tech Job Placement has a vast network of company contracts and has successfully placed \*employees\* in positions of management, engineering, marketing, support and sales.

electronics,

23/3,K/8 (Item 5 from file: 20) DIALOG(R)File 20:Dialog Global Reporter (c) 2003 The Dialog Corp. All rts. reserv.

10886913 (USE FORMAT 7 OR 9 FOR FULLTEXT) Your student visa lasts as long as you remain enrolled as a student Gangway / Sudhir Shah ECONOMIC TIMES May 07, 2000

JOURNAL CODE: WETI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1852

(USE FORMAT 7 OR 9 FOR FULLTEXT)

fees of \$500 to the INS. This, the employer is prohibited from recovering from the \*employee\* in any manner whatsoever. Unless I have your detailed \*resume\* , I will not be able to opine as regards your chances of getting the H... and all his deponents who intend to migrate with him are required to give personal \*interviews\* at the place from where they file their application. An Indian can make an application...

23/3,K/9 (Item 6 from file: 20) DIALOG(R)File 20:Dialog Global Reporter (c) 2003 The Dialog Corp. All rts. reserv.

09414118 (USE FORMAT 7 OR 9 FOR FULLTEXT) Monster.com to Help Launch Virtual Job-Shadow Web Site Diane E. Lewis

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (BOSTON GLOBE - MASSACHUSETTS)
February 03, 2000
JOURNAL CODE: KBGL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 776

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... dozen youths who gathered in an open area that serves as cafeteria, rec hall, and \*meeting\* room -- in a building that has housed an old mill, Digital Equipment Corp., and now...

...feeling.

n: e : 9

Tucker, whose parents own an auto parts store, spent the day watching Taylor give \*interviews\*, talk to employees, and meet with clients. She said he offered her a summer internship...

...jobs, free of charge.

Employers, by contrast, would pay a fee to tap into the \*resume\* database and post job vacancies. By 1995, 20,000 people per day were visiting the...

...it was expected to take in well over \$100 million in revenue. It has 520 \*employees\* and plans to add 500 by year-end.

The company was bought in 1995 by...

? show files

19/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2003 The Gale Group. All rts. reserv.

14781042 SUPPLIER NUMBER: 88991118 (USE FORMAT 7 OR 9 FOR FULL TEXT) The info pro's survival guide to job hunting.

Mort, Mary-Ellen

Searcher, 10, 7, 42(18)

July-August, 2002

ISSN: 1070-4795 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 11322 LINE COUNT: 01011

... better job, please stop reading now.

Why Most Job Searches Fail

I have worked with \*job\* \*seekers\* for 15 years, first as a public library business librarian, later as a job search...good job searching the Web (because they never know what they're missing), the average \*job\* \*seeker\* rarely realizes how much strategy it takes to look beyond the obvious. The average \*job\* \*seeker\* thinks \*job\* hunting is just common sense.

Common sense says that companies hire by running an ad in the newspaper or at a big online \*employment\* site where \*job\* \*seekers\* congregate. When most people look for employment online, they ...in my town is hiring a chemist this week.

Most job searches fail because the \*job\* \*seeker\* obeys the dictates of common sense. It's not until the \*job\* \*seeker\* runs out of relevant ads, or sends hundreds of electronic applications into the cybervoid, that anyone suspects a problem. Too often \*job\* \*seekers\* conclude that the ... the local librarian -- who may be asked to prescribe information to a stuck or failed \*job\* \*seeker\* -- is herself a public \*employee\* and found every job she's ever had following the path of common sense.

It...

...couldn't tell them what the next question should be.

I've found that steering \*job\* \*seekers\* to more effective strategies is never as simple as just mapping the way. Once you...of calculus -- or in this case, superior research skill. But you don't work with \*job\* \*seekers\* for 15 years without realizing that seizing the unfair advantage is the best advice of...posits that we tend to choose the most convenient path over the most effective path. \*Job\* \*seekers\* and employers fail to connect because the convenient path for one is incompatible with the of work and attention devoted to tasks that the \*job\* \*candidates\* find uncomfortable and the employers find urgent.

What's easy and natural for the employer -- using resources inside the company (\*employees\*, \*employee\* recommendations, former contractors) -- is the opposite of what is easy and natural for the potential \*employee\* (checking the newspaper, finding job ads, and mass mailing resumes). Parallel lines \*meeting\* in infinity. As a librarian, I find this such a fascinating information problem that I...system, the employer's first search strategy is to look internally or to ask current \*employees\* for candidate recommendations. This networking effort is initiated on the employer-side. If you're the \*job\* \*seeker\*, your goal is to be part of the right employer's network.

Bad networking is...corporate Web site, enlist HR or a search firm to undertake other recruiting efforts. Current \*employees\* are often asked to assist in the search and they help by ...shift gears and to dream of new career directions. I often work with groups of \*job\* \*seekers\* struggling to focus and find myself recalling that old movie Harvey, the one about the...titles

\* Resumes and cover letters

- \* Salary surveys
- \* Employer directories
- \* Professional associations
- \* Networking online
- \* Conferences
- \* Recruiters
- \* \*Interviews\*
- \* Information-related job boards
- \* Finding local online job resources
- \* Information Professionals' Map to the Invisible...0-02-863394-6. \$14.95 pap. 394 pages. Index.

Excellent guidance and examples for \*job\* \*seekers\* and career changers. At every step Ireland addresses common problems and solutions (e.g., gaps...information settings.

http://www.lisjobs.com/onlineresumes.htm Information Professional Resume Resources Resume Writing and \*Interview\* Skills

http://www.sla.org/chapter/ctor/ toolbox/career/resume.htm
Toronto Chapter, Special Libraries...are created for a global
audience making purchases online, few find location important. As a \*job\*
\*seeker\* it's up to you to know (or find out) which companies lie within
commuting...supplement to the print guide. Advertisers may pay to be listed
in the Web version. \*Request\* a free copy of the complete directory (\$3.95
for postage and handling) by calling...hidden/network.cfm

How to network, where to network, and how to behave online.

Networking, \*Interviewing\*, and Negotiating

http://www....professional who gets a call -- out of the blue--from a recruiter...lets the recruiter \*interview\* him about setting, skills, salaries, technologies...and never hears from the recruiter again. Well, if...Society of Competitive Intelligence Professional's listing of recruiters who regularly search for CI positions.

\*Interviews\*

One of the little maxims career folks say all the time is, "Resumes get you \*interviews\*, but \*interviews\* get you jobs." Because the \*interview\* is where the hiring decision is made, there's a tendency for \*job\* \*seekers\* to want the "right" answer to each question. Big mistake on several counts. First, the \*interview\* is the \*job\* \*seeker\*'s chance to evaluate the company and the position firsthand. So the questions asked by the \*job\* \*seeker\* and the \*job\* \*seeker\*'s own impressions of the company are equally as important. Second, nothing is more irritating...

...who answers questions with "canned" responses. As information professionals we are (or should be) skilled \*interviewers\* ourselves! Treat the employment \*interview\* the same way you'd approach buying a house. Learn all you can about the...Holbrook, MA, 1994. OOP. (Check your library's collection.)

This is my favorite book on \*interviewing\* (alas now out ...the employer's perspective. Chapters 8 and 9 are wonderful-- "How to Survive the Telephone \*Interview\*" and "How to Turn a 'No' into a 'Yes."' If you can't find the book, here's how it comes out: The best job \*interviews\* are just like a great reference \*interview\*. The candidate has to listen, ask questions, and discover the employer's real need--and...call 415/543-7130. Or check your library's collection.)

My second favorite book on \*interviewing\* is also alas out of print. Asher describes an aggressive, sales-based approach for use in the private sector that involves using the telephone to get an \*interview\*, selling during the \*interview\*, and then closing the deal. Even if you're not an aggressive sales type, you'll learn some helpful tips!

In formation/Library-Related

\*Interview\* Questions: A List of Tested Questions http://www.indiana.edu/~libpers/\*interview\*.html

Indiana University Bloomington Libraries' list of common questions for an academic library environment.

Advice on \*Interviewing\*

http://www.lisjobs.com/advice.

htm#\*interview\*

Lisjobs.com collection of links and articles on the job \*interview\* for the information professional.

Information-Related Job Board Metasites

Books

The Guide to Internet lob...

...14.95 pap. ISBN: 0071383107. 288 pages. Index.

An essential reference for the information smart \*job\* \*seeker\*! Sites are well-chosen, annotated, and organized by two great librarians. Job sites are sorted...librarian resumes. Other Features: Free e-mail newsletter, Info Career Trends; career advice articles on \*interviewing\*, salaries, and getting started as a librarian.

Sample information Industry

Job Listings

You'll see...success stories (along with Amazon.com and eBay), attempts to do just that. Millions of \*job\* \*seekers\* spend hour after ... the numbers and you'll see that what Monster.com really does best is attract \*job\* \*seekers\* (41 million unique visitors in January 2002) and store their resumes (15 million). It does not excel at connecting a wide range of \*applicants\* with the best \*job\* in their community. First, there's the huge disparity between the number of \*job\* \*seekers\* (41 million per month), client/employers (95,000), and jobs (1 million). That's roughly one job for every 41 \*job\* \*seekers\*, 15 resumes in the resume bank for every job listing, and 400 \*job\* \*seekers\* for every employer (3). Those aren't great odds for the candidates.

Then there'sIt only feeds the \*job\* \*seeker\*'s illusion that all you need is a whole lot of job ads in one...well! The employers must be happy, right?" Certainly the site's business model depends on \*employer\* satisfaction: \*Employers\* must \*pay\* to post \*jobs\* or search the resume \*database\*. But few employers ever find employment mass marketing effective - online's special appeal is the...and my nephew, a clerk at WalMart. That's one seriously dirty database. The poor \*employer\* has now \*paid\* to swim in a sea of unqualified candidates from Boston to Bahrain, all of them ...science degree or an MBA could tackle the problem.

- \* Networking -- asking among contractors and current \*employees\*, "Who could solve a problem like this?"
  - \* Mailing lists -- asking for ideas and help solving...

PRODUCT/INDUSTRY NAMES: 9918400 (\*Employee\* Recruitment)

#### 19/3,K/2 (Item 2 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

12515271 SUPPLIER NUMBER: 64567333 (USE FORMAT 7 OR 9 FOR FULL TEXT) Site Selections: A directory of Internet destinations for foodservice professionals.

Restaurants & Institutions, 110, 20, 71

August 1, 2000

ISSN: 0273-5520 LANGUAGE: English RECORD TYPE: Fulltext WORD COUNT: 2837 LINE COUNT: 00274

... in one year from 23.7% to 39.9% now. Nearly 40% of contractors and \*employee\*-feeding executives use it daily.

In many cases, however, capability might be outpacing applicability.

New...

...October 1999. Buyers can get real-time quotes from suppliers; once the supplier and buyer \*agree\* to terms, the system confirms the order and the transaction can be completed.

www.cbars...equipment and more than 50 restaurant-related professional services. Site gathers five lowest bids for \*requested\* products. Free for food buyers and vendors; service providers pay \$5 transaction fee.

www.restaurantpro...

...equipment, tabletop and smallwares, plus classified jobs section and 13,000 pages of chef bios, \*interviews\*, recipes.

www.thesauce.com

Targets independent restaurateurs. Back-office services include online food, supplies and...temporary or seasonal work with employment opportunities, largely in foodservice or retail. Free for applicants; \*employers\* \*pay\* \*fees\*.

www.hospitalitycareernet.com

Online \*bulletin\* \*board\*: Employers can post \*job\* openings; hospitality workers can post r(acute{e})sum(acute{e})s, search job listings

...assessment test for hospitality workers.

www.restaurantjobsnetwork.com

Online employment service network for restaurants, restaurant \*employment\* agencies and \*job\* \*seekers\*. Individual ads can be posted by restaurant companies for \$49.50 each. Unlimited-postings memberships begin at \$300 annually (for 1-20 units). The site also offers \*interview\* tips.

RESERVATIONS, TAKEOUT

www.campusfood.com

Facilitates takeout ordering from restaurants near 20 college campuses...

#### 19/3,K/3 (Item 3 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

11717331 SUPPLIER NUMBER: 58662256 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Power of E-Cruiting.

PITURRO, MARLENE

Management Review, 33

Jan, 2000

ISSN: 0025-1895 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3727 LINE COUNT: 00296

... — a computerized brain makes an instant behind-the-scenes match between you and the ideal \*job\* \*candidate\*. Here's how this process may unfold in just a few short years--or maybe...

...the Internet, a webmaster will supply automatic screens to ward off the great unwashed of \*job\* \*seekers\*. Theoretically, only highly qualified candidates, who may not even be looking for a job, will...

...or she surmounts those obstacles, you might do an online background check and/or an \*interview\* by videoconference, all handled by Webbased candidate management software.

Or perhaps you'll let the Internet make you the candidate in the hiring scenario. The savvy \*job\* \*seeker\* familiar with your company will find his way to job postings on your Web site...

...many hits by search engines as possible) and career objectives. With contact management software, the \*job\* \*seeker\* is managing relationships with a variety of companies in addition to yours.

Marriage Made in...

...the recruitment process. Already, the locus of control has shifted from the employer to the \*job\* \*seeker\*.

Before the advent of the Internet, recruiting followed a traditional path: A company "announced" a job opening to the marketplace through a classified ad, an executive recruiter, \*employee\* referral incentives, a job fair or other media. Any candidates who happened to see the...

- ...sorting through faxed and mailed resumes, someone from HR culled the most promising candidates and \*interviewed\* them. Out of that process, one person was hired (hopefully), a batch of unpromising resumes...
- ...It even has its own name-- e-cruiting--which describes how the process captures qualified \*candidates\*, including active \*job\* \*seekers\* and the passively active, and helps build long-term relationships among \*job\* \*seekers\*, recruiters and hiring managers. In some cases, e-cruiting makes a company's Web site...
- ...flip" Web sites by gaining entry to secure areas in an aggressive pursuit of attractive \*candidates\* who are not \*job\* \*seekers\*?

Eventually, online recruiting also may accelerate job-hopping and pay scales, or make newspaper ads and headhunters go the way of the dinosaur. Both games and "\*permission\* marketing," which rewards "contestants" who allow site owners to contact them, could creep into the...

- ...recruited by classified print ads. Only 5 percent are expected to be e-cruited, with \*employee\* referrals (13 percent), recruiting firms (12 percent), self-referrals (12 percent), and temp-to-hire...
- ...the lion's share still held by newspaper classifieds. Employment agencies, recruiters, radio ads and \*employee\* referrals are not to be counted out.

Companies are experimenting with a mix of hiring...billboards and even a banner trailing a plane that circles Virginia Beach to attract sunbathing \*job\* \*seekers\*. "These nontraditional techniques work very well for us," notes Sharkey.

For executive positions such as...

...technologies facilitate hiring. In one instance, IPMA's job board brought together a wastewater operator \*job\* \*seeker\* in Carlsbad, New Mexico, with a new position in Ann Arbor, Michigan. The seeker downloaded ...

...and was ready for an inter-view. Reluctant to travel to Ann Arbor, he was \*interviewed\* by speakerphone and passed with flying colors. The final \*interview\* was done by videoconference. The \*candidate\* got the \*job\*.

Encouraged by its early success with e-cruiting, IPMA will do more online job postings...

- ...organization is looking at each piece of e-cruiting, from a simple posting on a \*job\* board to sophisticated \*candidate\* matching programs, to ascertain which approach is most cost-effective. "You need lots of computer ...
- ...officer for his tiny firm to plumb job boards and corporate Web sites for fresh \*job\* \*candidates\*.

When possible, Rollo also uses videoconferencing to save time and money. "It's to everyone...

...days later. Within 10 minutes of receiving an e-mail from the employer via the \*job\* board, the \*candidate\* was in touch with the hirer; 48 hours later, it was a done deal. "What...driven world--and the onset of a new battle between business models."

With e-cruiting, \*employees\* can always have their resumes in play. They can poke around the Web sites of...

- ...arise. In a buoyant economy, the freedom to passively job hunt is bound to vaporize \*employee\* loyalty, particularly for those with "hot" job skills who have added incentives to move from...
- ...Career Central in Palo Alto, California, an e-mail based recruitment service that captures passive \*job\* \*seekers\*, defines the new value equation: "Members (\*job\* \*candidates\*) complete a profile detailing not only what they've already accomplished in their careers, but...
- ...their experience and their interests. That's the only way you'll get a passive \*job\* \*seeker\* to consider a career move."

E-cruiting moves organizations toward just-in-time employment, which has profound management implications. Employment becomes transactional rather than extended, with an \*employee\* "owning" his skill sets and moving from one employer to another who can "facilitate" his career. Project timeliness rather than overall business objectives drive the employer-\*employee\* relationship.

E-cruiting is not everything it could be yet, however. Good screening and matching...

...e-cruiters have yet to emulate and modify the process and questions used by human \*interviewers\* to marry candidates and corporations.

But even if e-cruiting redefines the hiring process in...

- ...fluidity and dynamism e-cruiting brings to hiring, it has a dark side as well. \*Employee\* privacy virtually disappears, especially for \*employees\* who haven't \*agreed\* to be hunted. Although \*job\* \*databanks\* may promise confidentiality, head-hunters routinely mine those sources using sophisticated technology, plus news articles...
- $\dots$ type of information is so valuable that there's a company that does it for \*recruiters\*, for a \*fee\*.

The e-cruiting bandwagon is rolling, but we still don't know its ultimate destination...

...term in nature, companies will have to rethink how they recruit, deploy, retain and replace \*employees\*. It won't be easy.

Marlene Piturro is a business journalist based in Hastings-on...the listings, which it presented to local employers at a workshop and now disseminates to \*job\* \*seekers\* at several venues.

The Internet guide includes URLs for area employers such as Allied Signal...

- ...list of 24-hour job hotlines for 26 of Richmond's largest employers.

  Because many \*job\* \*seekers\* still turn to classified (print) ads in the Richmond Times Dispatch, the area's major...
- ...workers with employment opportunities."
  RELATED ARTICLE: STEPS TO E-CRUITING
- \* Decide how you will alert \*applicants\* to your \*job\* postings: Internet service provider job boards, national job boards, search engines or your corporate Web...

DESCRIPTORS: \*Employee\* recruitment...

19/3,K/4 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2003 The Gale Group. All rts. reserv.

10965374 SUPPLIER NUMBER: 54422948 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CEO Tech 100: the Chief Executive's guide to 100 of technology's hottest
people, places, and things....(Cover Story)

Haapaniemi, Peter; Dyszel, Bill; Pollard, Lisa; Ferrell, Keith; Winkleman, Michael; Pellet, Jennifer; Buxbaum, Peter; Essaides, Nilly; Oltman, Seth; Prince, C.J.; Larson, Christine

Chief Executive (U.S.), 12(3)

March 15, 1999

DOCUMENT TYPE: Cover Story ISSN: 0160-4724 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 26466 LINE COUNT: 02051

... and then underneath that, what technologies they should employ to exploit those opportunities."

With 380 \*employees\* and some 1,500 clients, META Group did \$51 million worth of business in 1997...computing revolution, PARC has racked up what may be the highest ration of patents per \*employee\* of any U.S. lab, with at least one patent on file for each of its 2,500 \*employees\*. After nearly three decades of developing essential technology that turned into other firms' hit products...Eric Schmidt, Chairman and CEO, Novell SUBJECT - The Digital Identity

MESSAGE - A key technology for \*meeting\* the challenges posed by the Internet is directory-enabled networks and applications, a fast-growing... columns covering telecommunications, Internet law, and new technologies; short profiles of high-tech companies; and \*interviews\* with luminaries. A one-year subscription is \$99, but you can peruse a free sample...

...stories are accompanied by links to related articles and bulletin boards. The site also offers \*interviews\* with the likes of SAP chairman Hasso Plattner and Amazon.com head Jeff Bezos, and...don't have resources, we can't take action or build organizations."

Swatch's Gammard \*agreed\*. "Beyond being a CEO, each of my peers is also a human being, and most...always the bigger company." The Netscape CEO was responding, in a Chief Executive cover story \*interview\*, to rumors flying about that Netscape was poised to be acquired by an IBM, Oracle...

- ...Packard, or some other big-name IT systems company. In cyberspace time, of course, that \*interview\* took place around 10 years ago; even so, I'm quite certain that America Online...
- ...and new senior management, and has offered an extra month's salary to entice Netscape \*employees\* to stay on through the merger. (He's even letting Netscape keep its "bring the...gets better: Let's say you need to file the report of a crucial merger \*meeting\* on a tight deadline. You're in a cab racing to catch the plane to...more fruitless and frustrating than the hunt for the proverbial needle in the haystack. A \*request\* for biographical information about Jack Frost could turn up anything from a Web shrine devoted...skilled technical workers, U.S. businesses must often go the extra mile to attract IT \*employees\* or, in the case of Chelsea Computer Consultants, the extra thousands of miles.

New York...

...just a starting point. For example, Chelsea often takes clients overseas to meet with potential \*employees\*. And once recruits are in the U.S., the

company provides them with a lot...recruiting industry by the year 2000.

Career Central radically streamlines the process of finding qualified \*candidates\* for a \*job\* by creating an inventory of \*job\* \*candidates\* - a \*database\* of more than 80,000 MBAs, software developers and marketing executive. For a \*fee\* of about \$3,500, \*employers\* receive at least 10 resumes of qualified candidates within a week - and every one of company's \*JobCast\* technology searches the member \*database\* for profiles that fit the job's criteria, then automatically e-mails a job summary...

...the industry to catch up with him. The Kellogg Business School graduate and former Intuit \*employee\* is concentrating on building up his core asset - Career Central's candidate database - through intensive...

...customers. NLU can be used on the Internet or with speech recognition to handle customer \*requests\* for information. With NLU, a company can replace a "press 1 if you want ..." telephone...

...the mission so often seems a must to avoid. All that techno-babble. All those \*requests\* for expensive new toys.

Well here's a chance to practice. Meet Jerry Miller, Sears...promote spontaneous informal interaction, there are escalators instead of elevators and kitchens on every floor. \*Meeting\* rooms are equipped with video conferencing, and there are more than 400 data connections throughout...

...an engraving of a skyscraper, which is enough to help you forget that all your \*employees\* seem to be working - on computers - from home these days. - S.O.

.081 RETROTECH COVER...

19/3,K/5 (Item 5 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

10619412 SUPPLIER NUMBER: 53218867 (USE FORMAT 7 OR 9 FOR FULL TEXT) TravelManagement.com Introduces New Automated Employment Services.

Business Wire, 0002

Nov 16, 1998

LANGUAGE: English RECORD TYPE: Fulltext WORD COUNT: 554 LINE COUNT: 00050

... on the Web site anytime, free of charge.

Employers can post and modify their open \*positions\* in the searchable \*job\* \*database\*, and query the candidate \*database\* for \*qualified\* personnel. There is no charge to employers to post or modify their job postings, and...

...search the database for suitable candidates. When an employer hires a TravelManagement.com candidate, a \*fee\* is charged to the \*employer\* at the time the candidate is hired.

Ken Swanton, formerly of Internet Travel Network (ITN...

...of all travel professionals, including not only travel agents, but corporate travel managers and executives, \*meeting\* planners, airline, car rental, cruise line and hotel \*employees\*, among others.

Chris Ackermann, Human Resources for E-Travel, Inc. (Concord, Mass.) comments, "It is...

...address our needs. In dealing with TravelManagement.com, we have gotten exactly what we have \*requested\*. We are also extremely happy with those

\*employees\* that we have hired through them. We are looking forward to dealing with them in the future as we know they will send us qualified \*employees\*."

Two travel industry veterans, Charles Brossman, president and CEO, and Steven Falk, CFO, co-founded...

#### 19/3,K/6 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

10364924 (USE FORMAT 7 OR 9 FOR FULL TEXT) SUPPLIER NUMBER: 20989738 Get Wired, Get Hired? (using the Internet for a job search) (Internet/Web/Online Service Information)

Steers, Kirk

PC World, v16, n7, p193(1)

July, 1998 ISSN: 0737-8939 LANGUAGE: English RECORD TYPE: Fulltext; Abstract WORD COUNT: 4849 LINE COUNT: 00368

in itself. I spent three months poring over newspaper ads, writing letters, and doing informational \*interviews\* before I got my first nibble. I didn't have time for any of that...

...turned to the Internet. Using the Web, I could scan job listings, search for jobs \*meeting\* my exact requirements, and have the sites send me e-mail when my dream job...of entry-level positions. Craig's List is currently expanding nationally. It's free to \*job\* \*seekers\* and charges employers a relatively cheap \$25 per posting.

Job-related Usenet newsgroups are also...Hire Grounds: Recruiting on the Web

It's nerve-racking. You've identified a worthy \*job\* \*candidate\*, checked all the references, and now you're starting the \*interview\*. You smile confidently as you enter the room, trying hard to hide your desperation; you really need to hire someone, now.

Rapid Recruitment

In today's booming economy, good \*employees\*--especially those with technical or programming skills -- are hard to find. And they don't...

...most of our tech people off the Web. It's fast and very efficient." Recruiters \*agree\* that using the Net is far more cost-effective than advertising in newspapers. "Posting a...

...the outdoors. Our site brings those people to us."

Recruiters can also scan pools of \*job\* \*seekers\*' resumes by keyword and salary range. JobCenter, CareerMosaic, and Yahoo offer this service for free...

...percent of our hires still come from newspapers."

And what about the millions of potential \*employees\* not yet using the Net? "They'll be there eventually," says Quaker State's Podeschi. "But for certain jobs, I'm not sure I want a new \*employee\* who's not already online."

Top Tips for Job Hunters

Look beyond the listings. Most...region; health and safety reports; benefit plans. \* CareerCity The whole process, from cover letters to \*interviews\*. \* Career Magazine All aspects of working and job hunting, plus a job bank and resume...

...family leave policies, and salaries. Job Sites

\* America's Employers Advice, live chats with recruiters, \*job\* listings, free resume \*database\*. \* Career.com \*Job\* \*database\* and resume bank. Free to \*job\* \*seekers\*; \*employers\* \*pay\* a \*fee\*. \* Career Exposure Resume bank; career tips; postings searchable by keyword, location, or industry; woman-owned...

...managerial, and technical openings. \* Career Shop Search jobs by keyword or browse by company; both \*job\* \*seekers\* and employers search for free. \* 4Work.com Intern and volunteer openings, as well as paying jobs. \* CareerWeb Postings for professional, managerial, and technical \*jobs\*; advice. \* Contractors Direct \*Skills\* \*database\* for freelancers and consultants. \* HeadHunter.Net Quick searches of job listings; good resume bank. \* JobTrak Helps recent college grads set up informational \*interviews\*. \* Overseas Jobs Express International job listings, helpful advice on working abroad, and a large resume...

## 19/3,K/7 (Item 7 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

09929077 SUPPLIER NUMBER: 20057063 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Glory days. (direct marketing industry employment)

Oser, Kris

Direct, v9, n14, p95(3)

Oct 15, 1997

ISSN: 1046-4174 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1183 LINE COUNT: 00103

... 000."

"I think it makes sense that (since) we've got a candidate-short marketplace, \*employers\* are going to \*pay\* more for them," Mason says.

Low unemployment and low inflation overall has clearly helped fuel...

...hiring category, adds Dowd - and why there are so many more jobs out there than \*qualified\* people to fill them.

\*Database\* marketing salaries, which have always been strong, continue to rise, according to Dowd. Product developers...

...of years ago.

But salaries are high from the start. One of Dowd's database \*candidates\* took his first \*job\* out of college at \$50,000. He left after four months for a \$65,000...

...their fate - and fewer commitment concerns.

Mason attributes this trend to downsizing, which some recruiters \*agree\* is now so ingrained in the U.S. economy that it has created a fallout...

...a dearth of talent," says Pat Wheelless, president of the Wheelless Agency, Chicago.

All recruiters \*interviewed\* \*agree\* that the best candidates are already employed and must be persuaded to change jobs. "I...

#### 19/3,K/8 (Item 8 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

08177823 SUPPLIER NUMBER: 17533817 (USE FORMAT 7 OR 9 FOR FULL TEXT) Entering the era of electronic CVs. (curriculum vitaes)

Theaker, Mike People Management, v1, n16, p34(3)

August 10, 1995

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2561 LINE COUNT: 00204

#### TEXT:

...perfect CV is in danger of becoming obsolete. Mike Theaker explains how both employers and \*job\* \*applicants\* must adapt to the technology that is changing the face and pace of recruitment

 $\dots$  attract the reader, stand out from the competition and lead to that all-important first \*interview\*.

While this advice provided a good fit with the recruitment practices of the 1980s and...

...preferred requirements. It might list specific companies from which applicants are wanted, and may indicate \*job\* titles that \*applicants\* would preferably have held. The search may also indicate how many years of experience candidates a central \*database\*. Increasing numbers of \*employment\* agencies will have to make this type of provision to meet customer demand. People-Bank...

...across south-east England. Applicants will be able to add their details to a central \*database\* at the \*Jobcentres\* or the 78 job clubs and 40 universities that are linked to it. By paying an access \*fee\*, \*employers\* will be able to search the system for suitable \*candidates\*.

Some \*job\* \*applicants\* may feel uneasy about being appraised by a computer or they may lack confidence in...By maintaining regular contact with applicants, such as sending out a letter every six months \*requesting\* updated details, the company would develop an up-to-date pool of talent to rival...

...to be appraised against every new vacancy as soon as it arises. No longer will \*job\* \*seekers\* have to hope that a suitable position is vacant in the week that their CV...

...implications of these shifts impact strongly on employers and employment agencies, as well as on \*job\* \*applicants\*.

Current guidelines to \*job\* \*seekers\* are becoming obsolete because of a failure to recognise and to act upon the changes...

...DESCRIPTORS: Recruiting of \*employees\*--

#### 19/3,K/9 (Item 9 from file: 148)

DIALOG(R) File 148: Gale Group Trade & Industry DB (c) 2003 The Gale Group. All rts. reserv.

04583872 SUPPLIER NUMBER: 08433750 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Recruitment: playing the database game. (searching computerized recruitment databases for new \*employees\*)

Willis, Rod

Personnel, v67, n5, p24(6)

May, 1990

ISSN: 0031-5702 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3328 LINE COUNT: 00274

# Recruitment: playing the database game. (searching computerized recruitment databases for new \*employees\*)

... ABSTRACT: resources (HR) professionals in executive search firms,

employment agencies, and private companies for finding qualified \*employees\*. According to an estimate from Corporate Organizing and Research Service, there are approximately 159 firms...

... is gaining popularity. Faced with diminishing recruitment budgets and fiercer competition for skilled, well-trained \*employees\*, both in-house and outside recruiters are sifting through on-line resumes - in search of wheat among the chaff.

A recruitment database is a computerized collection of information on potential \*employment\* \*candidates\* compiled by an executive search firm, an employment agency or network of agencies, a university...

...land new positions, the Texas Savings & Loan League has compiled a database of member associations' \*employees\* who have lost their jobs. See sidebar on page 26 for additional information. (Some multi...

...its own recruitment database.

No job banks are included because they are primarily for retired \*employees\* of a particular company. Retirees should check with their former employers to see if they...

...the recruiting process are science and which are art. The "science" involves identifying all the \*candidates\* who meet the \*job\*'s specifications; here a database can help. The "art" lies in assessing such factors as...

...corporate job banks, is generally composed of a company's private listings of retirees, former \*employees\*, and temporary or part-time workers who are available as needed.

Executive Search Firm Databases...

- ...in a tightly controlled network of search firms. Along with resumes of executives and other \*employees\* who are looking for greener pastures, most firms also include some resumes of those whowhich also gives \*employees\* of large firms a slight edge in their chances of being listed. He adds that...
- ...executive search firm, San Francisco-based Korn/Ferry International, recently made a new database of \*job\* \*candidates\* available, for a fee, to both clients and nonclients. The \*job\* \*seekers\* are in the \$50,000 to \$75,000 annual compensation range. Another major player in...
- ...for HR executives.

Some of the university databases offer additional help beyond listing jobs and \*job\* \*seekers\*. At Cornell, for example, students can access a listing of alumni in various fields who...

- ...may not be widely advertised. The Cornell system also allows students to "bid" for job \*interviews\* with campus recruiters. At many West Coast schools, students can read detailed descriptions of companies...
- ...s Career Resource Center, a job-matching system that allows students to sign up for \*interviews\*, send their resumes on-line to potential employers, and keep track of new job openings...
- ...as those in the previous two categories, so currently employed managers should exercise caution about \*agreeing\* to be listed.

The most rapid growth has been in network databases, which allow recruiters...

...50 and 200 member firms. When a placement is made, the agency to which the \*employee\* initially applies splits the fee evenly with the agency representing the employer, and sometimes the...

...Association has 30 member firms nationwide; Insurance National Search has 36 in its database; First \*Interview\* (a network of 125 agencies) serves ...information on potential candidates between members on paper, not on-line. As with First International, \*job\* \*seekers\* are asked to contact a local affiliate, says Executive Vice-President Chuck Marks.

Public-Access...

...they can add greater exposure. With the exception of government-run databases, most public-access \*databases\* charge \*job\* \*candidates\* a fee to be listed. A word of caution, though: Some employers shun this database ...

...shops, which will put a candidate's resume on the database for a small additional \*fee\*. \*Employers\* can access the information through the Human Resources Information Network. A resume stays on the...

...out-of-date information.

Two other, lesser-known options are free to both employers and \*job\* \*candidates\*. The U.S. \*Employment\* Service and local Job Service offices have a free \*database\* for \*job\* \*seekers\*. The U.S. Department of Labor maintains a similar database that contains state unemployment offices...

...employers that maintain computerized databases of temporary personnel who are willing to work while permanent \*employees\* are on vacation or during busy periods at the company. Many of these people are retirees or former \*employees\*, and most are used to fill temporary vacancies in clerical, word processing, or data entry...

...cost savings; she reports that Travelers saves about \$1 million each year by using former \*employees\* rather than paying employment agencies or temporary-help firms, which often cost as much as...

...banks and insurance companies). California's Wells Fargo Bank, for example, has about 650 retired \*employees\* in its job bank, approximately 110 of whom are employed at any given time.

Axel...

...up for an informal job bank, and now has a file of 15,000 former \*employees\* willing to work part-time. IBM sets an upper limit of 999 work hours per...

...a good database is. It's based on both the candidate's resume and personal \*interviews\* by professionals."

Second, although some databases can be accessed instantly ...to "high touch," HR managers should find computers a valuable tool in selecting the right \*candidate\* for the \*job\*.

The author would like to thank George P. Nicholas for his help in providing background...

...DESCRIPTORS: Recruiting of \*employees\*--

19/3,K/10 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

Document Type: Magazine/Journal; Trade

10090272 Supplier Number: 88127909 (USE FORMAT 7 FOR FULLTEXT)

Beat the Competition Every Time. (using technology)

Ziff Davis Smart Business for the New Economy, pNA

March 1, 2002

Language: English Record Type: Fulltext

Word Count: 3176

- corporate Web site. Pricing depends on company size, resume volume, and specific recruiting needs. Typical \*fees\* for Webhire \*Recruiter\* Professional range from \$1,500 to \$4,000 per month. The corporate version starts at...
- ...headhunter and check Eliyon. Ninety-nine dollars per month gives you full access to a \*database\* of \*qualified\* candidates, built using Eliyon's sophisticated technology. Eliyon scours the Web looking for personal Web...
- ...Your company Web site is the ideal place to roll out the welcome mat for \*job\* \*seekers\*. Posting a list of openings and an e-mail address for your HR department is...
- ... Besides streamlining Quabaug's HR processes, JobPlanet saves the company several hours each week that \*employees\* used to spend evaluating resumes, tracking open jobs, and filing applicant paperwork. Pure Carbon's...can make a hiring decision on the spot, ask follow-up questions, or schedule an \*interview\*.

"Thanks to these tests, we can immediately eliminate people who don't fit our hiring criteria," explains Robb Simons, director of \*employee\* services. "We might review six out of 10 applicants instead of all 10." Information gathered...

... year for a complete online community.

Treat Your Customers Right

You know how to keep \*employees\* happy. To stay ahead of the competition, you've got to do the same with...

...down the drain.

Adding Unicru at G.I. Joe's reduced paperwork, cut down on \*employee\* turnover, and slashed the cost of hiring an hourly \*employee\* practically in half, saving thousands of dollars. But done right, the technology pays you back...

...is instantly available to everyone in the company--from the eight internal salespeople to the \*employees\* in credit, support, and the . executive suite.

Adding Applix's helpdesk module has boosted the...lets businesses and individual consumers looking to buy all kinds of products and services submit \*requests\* that include what they want, how much they're willing to pay, brand preferences, and more. If their \*request\* matches your product offerings, Respond contacts you so you can, well, respond. Monthly subscriptions start...

... In addition to showcasing your paid Help Wanted ads, FlipDog crawls the Web and links \*job\* \*seekers\* to openings posted on employers' sites. HotJobs \$775 per month includes five job postings, employer... ...DESCRIPTORS: Usage; \*Employee\* recruitment...
PRODUCT NAMES: 9918400 (\*Employee\* Recruitment); 4811520

Services); 7361000 (Employment Agencies)

19/3,K/11 (Item 2 from file: 16) DIALOG(R) File 16: Gale Group PROMT(R) (c) 2003 The Gale Group. All rts. reserv.

Supplier Number: 50163400 (USE FORMAT 7 FOR FULLTEXT) WEB SITE FOR \*JOB\* \*SEEKERS\* BLAZES WIDE TRAIL-CareerPath posts print classifieds, and a hungry audience shows it's a winning deal NewsInc, v10, n11, pN/A

May 25, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Trade

Word Count: 1898

# WEB SITE FOR \*JOB\* \*SEEKERS\* BLAZES WIDE TRAIL-CareerPath posts print classifieds, and a hungry audience shows it's a...

- ... and job listings, and then to flow through by seamlessly matching like-minded employers and \*employees\*," says Renee LaBran, interim chief executive of CareerPath and vice president for new business development...
- ...Century Network when its owners, many of the same companies now financing CareerPath, could not \*agree\* on operations and goals (see NewsInc., March 16, 1998).
  - All employment classifieds from the participating...
- ...CareerPath on Saturdays to include the large volume ready to be published on Sundays, giving \*job\*-\*seekers\* using the Internet a day's head start. The ads are usually posted for two...
- ...papers. As part of its restructuring last year, the service established CareerPathEXTRA. This feature offers \*job\* \*seekers\* the opportunity to search employers' own web site job postings in one CareerPath click at no cost to the \*job\* \*seekers\*. Employers availing themselves of this service pay from \$2000 to \$3000 a month, depending on...
- ...Profiles, where business and promotional information is available with links to corporate home pages so \*job\* \*seekers\* interested in opportunities at a specific company can narrow their search. Employer Profiles cost \$3000...
- ...site via e-mail costs another \$3000 annually.
- Finally, there is the resume Connection, where \*job\* \*seekers\* create their own on-line profiles, detailing work history, skills interests and other pertinent career information. \*Employers\* \*pay\* \$750 for a search of the resume \*database\* for \*qualified\* candidates to fill a position. CareerPath says it guarantees to find at least five qualified...
- ...CareerPath notes in its informational materials, "all specific, personal information ... is kept private until the \*job\* \*seeker\* \*agrees\* to release it to an employer. CareerPath initially provides only non-identifying information to employers mail for personal reasons, CareerPath also provides personal e-mail in-boxes for \*job\* \*seekers\* who only have access to e-mail at the office."
- Adds CEO LaBran: "A key to our strategy ... is to help employers reach the elusive 'passive' \*job\* \*seeker\* -- the person who isn't looking for a job but would like to hear about new and better career options. To gain access to passive \*job\* \*seekers\*, we provide currently employed professionals with a fast and easy way to learn about -- and...
- ...say: "CareerPath can make a credible claim as the No. 1 stop for the national \*job\* \*seekers\* (especially when they learn that most of these leads are available a day before they...
- ...more interaction with our users and show them how to write a resume, how to \*interview\* and how to make a career change."
- And how successful is CareerPath in putting \*job\* \*seekers\* and employers together? It is obviously too early to tell. Demetriou does note that large...

...regular basis. She also says that e-mail arrives at her office every day from \*job\* \*seekers\* who have found positions through CareerPath. "Love your web site. ... I got the best job...

...the Chicago area. "In general," she adds, "we have gotten good responses from advertisers and \*job\* \*seekers\* who have used CareerPath."

Darrell Rooney, manager of classified advertising for Knight Ridder's St. Paul (Minn.) Pioneer Press, \*agrees\*. "We like it," he says. "It gives us a national brand and probably helps our...

...market, noting that "these services will identify a select community, build trust with the passive \*job\*-\*seeker\* and offer better hit rates." Forrester also says CareerPath and Monster Board will get more...

19/3,K/12 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04822100 Supplier Number: 47095824 (USE FORMAT 7 FOR FULLTEXT)

Let recruiters help you manage your career

Pechter, Kerry

Pechter, Kerry

Electronic Engineering Times, p104

Feb 3, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 894

... see why. The principal assets in a high-technology company are the brains of its \*employees\*. Employers use recruiters to hunt down and snatch the best minds in their field.

Though...

...act as a job hunter's agent. Recruiting firms are paid by employers, not by \*employees\*. Recruiters spend most of their time screening out imperfect candidates, not finding jobs for them...

...seen the ads of contingency recruiters in trade magazines. They typically know about hundreds of \*job\* openings and maintain \*databases\* of thousands of resumes. They help employers fill middle-level and professional jobs in the...

...openings or solicit resumes. They send only three to five carefully screened candidates to an \*employer\* for consideration and get \*paid\* whether the client accepts one of their candidates or not.

A lot of recruiting firms...

...and phone number to your file of networking contacts.

Retained recruiters rarely welcome contacts from \*job\* \*seekers\*, especially those who are unemployed. But contingency recruiters at "job shops" are often glad to chat with \*job\* \*seekers\*.

"Let's say that an electronics engineer calls me," said Carl Richards, president of Philadelphia...

...see 60.' I'll say, 'We have openings at the following clients, and with your \*permission\*, I'll call the managers I know at those companies.' If he has at least...

 $\dots$ 10 years' experience and is willing to relocate, I can guarantee him at least two \*interviews\*."

To find the addresses of contingency recruiters in your industry, look

for The Directory of...

...the disappointment you'll feel if he or she doesn't invite you to an \*interview\*. But there are other hazards. For instance:

\* Some contingency recruiters send out reams of "junk...

...don't want your name associated with those recruiters.

- \* Contingency recruiters may urge you to \*interview\* for jobs that you'd consider undesirable.
  - \* If a retained search firm is filling many...

...may ask for a fee in return for job leads. Bona fide recruiters never ask \*job\* \*seekers\* for money.

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show files
File 348: EUROPEAN PATENTS 1978-2003/Jun W01
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030605,UT=20030529
         (c) 2003 WIPO/Univentio
? ds
Set
        Items
                Description
                EMPLOYEE? OR (JOB OR EMPLOYMENT) (3N) ( CANDIDATE? OR APPL-
S1
        15535
             ICANT? OR SEEKER?)
        10033
                (PERSONAL OR CONTACT) (2N) INFORMATION
S2
S3
        23149
                RESUME OR RESUMES OR CURRICULUM() VITAE
                FEE OR PAID OR PAYMENT OR INVOICE OR BILLED
S4
        39619
                WORKER? OR PERSONNEL OR CONTRACTOR? OR EMPLOYEE?
S5
        75520
       574252
                BUSINESS? OR CORPORATION? OR COMPAN? OR EMPLOYER?
S6
S7
         6022
                EMPLOYER?
                INTERVIEW? OR MEETING
S8
        40980
                CONSENT? OR PERMISSION? OR REQUEST?
S9
      1410838
          221
                S1 AND (S2 OR S3) AND S6 AND S7 AND S8 AND S9
S10
                JOB? OR EMPLOYMENT? OR SKILL? OR POSITION? OR WORK?() (EXPE-
S11
      1149158
            RIENCE? OR HISTOR?) OR KNOWLEDGE OR ABILIT? OR QUALIF? OR TAS-
             K? OR PROJECT?
S12
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                S1 AND (S2 OR S3 OR S11) AND S7 AND S4
          592
                S12 AND (S8 OR S9)
S13
                AU='VIANELLO M'
S14
            0
           20
                S1(S)(S2 OR S3)(S)S7(S)S4
S15
S16
        17884
                IC="G06F-017/60"
S17
                S1(S)S3(S)S9(S)S8(S)(S6 OR S7)
?
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15/3,AB/1
               (Item 1 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.
00976192
METHOD AND APPARATUS FOR SEGMENTED PEER-TO-PEER COMPUTING
PROCEDE ET DISPOSITIF DE CALCUL D'EGAL A EGAL SEGMENTE
Patent Applicant/Assignee:
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    TX 75380, US,
Patent and Priority Information (Country, Number, Date):
  Patent:
                        WO 200305271 A2 20030116 (WO 0305271)
                        WO 2001US48642 20011217 (PCT/WO US0148642)
  Application:
  Priority Application: US 2001898613 20010703
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8150
English Abstract
French Abstract
 15/3,AB/2
               (Item 2 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00943634
SYSTEM AND METHOD FOR MANAGEMENT OF HEALTH CARE SERVICES
SYSTEME ET PROCEDE POUR LA GESTION DE SERVICES DE SOINS DE SANTE
Patent Applicant/Assignee:
  CAREGAIN INC, 34 Gervin Road, Lawrenceville, NJ 08648, US, US (Residence)
    , US (Nationality)
Inventor(s):
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  DUNN MCKAY Diane (agent), Mathews, Collins, Shepherd & McKay, P.A., Suite
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Patent and Priority Information (Country, Number, Date):
                        WO 200277764 A2-A3 20021003 (WO 0277764)
  Patent:
                        WO 2002US8663 20020321 (PCT/WO US0208663)
  Application:
```

Priority Application: US 2001277994 20010321; US 2002103267 20020320 Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 14792

#### English Abstract

The present invention is a system and method (41) for management of consumer (32) services such as health care services which combines new financial structure (45) for health insurance and health benefit plan, payment methods, health plan design, benefit development algorithms, unique procurement methods for health care benefits with (44, 46) and without (42) application to an individual consumer's personal state of health, and is integrated with financial services and asset management products, and benefits for an individual consumer's future medical and/or retirement savings, for healthcare needs. The method and system employs a combination of the defined benefit and defined contribution approaches which combination is referred to herein as "defined-care" (36).

#### French Abstract

L'invention concerne un systeme et un procede pour la gestion de services de consommation, du type services de soins de sante, permettant de combiner les elements suivants: structure financiere pour plan d'assurances et de prestations maladie, modalites de paiement, ossature de plan de sante, algorithmes d'elaboration des prestations, modalites d'attribution specifiques pour prestations de maladie avec et sans application a l'etat de sante personnel d'un individu. La gestion de ces elements est integree a la gestion de services financiers et d'avoirs ainsi qu'a la gestion personnelle de la couverture medicale future et de l'epargne-retraite. Pour repondre aux besoins en matiere de soins de sante, le procede et le systeme decrits reposent sur une combinaison de prestations et de contributions definies, sous l'appellation "soins definis". Ce modele, equivalant a un modele de gestion d'avoirs lies aux soins de sante, comporte deux composantes essentielles: un "compte de gestion de couverture maladie et d'epargne-retraite", et un "portail de liaison" avec l'infrastructure, qui permet, par une plate-forme de technologie, d'acceder aux differents comptes ainsi etablis et a leurs detenteurs. A travers son infrastructure de base, ladite plate-forme assure la mise en oeuvre de differents moyens, avec integration de techniques classiques et inedites, ce qui permet d'adopter ou d'absorber dans tout l'edifice de techniques une modification apportee a telle ou telle technique individuelle.

15/3,AB/3 (Item 3 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00892307

CAPTURE HIGHLY REFINED CLAIM EVALUATION INFORMATION ACROSS MULTIPLE WEB INTERFACES

CAPTURE D'INFORMATIONS PRECISES D'EVALUATION DE RECLAMATION SUR DES INTERFACES WEB MULTIPLES

Patent Applicant/Assignee:

```
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Patent and Priority Information (Country, Number, Date):
                        WO 200225559 A2 20020328 (WO 0225559)
  Patent:
                        WO 2001US29747 20010924 (PCT/WO US0129747)
  Application:
  Priority Application: US 2000667611 20000922
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
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  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
  SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
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  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9363
English Abstract
French Abstract
15/3,AB/4
               (Item 4 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.
00865407
ORDER AND ACCOUNTING METHOD AND SYSTEM FOR SERVICES PROVIDED VIA AN
    INTERACTIVE COMMUNICATION NETWORK
PROCEDE ET SYSTEME DE COMMANDE ET DE COMPTABILITE POUR DES SERVICES FOURNIS
    VIA UN RESEAU DE COMMUNICATION INTERACTIF
Patent Applicant/Assignee:
  OSMIO INCORPORATED, 262 West 38th Street, Suite 804, New York, NY 10018,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
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    (Residence), US (Nationality), (Designated only for: US)
  FANTE Peter D, 313 15th Street, Brooklyn, NY 11215, US, US (Residence),
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Legal Representative:
  LIPSITZ Barry R (agent), Law Offices of Barry R. Lipsitz, Building No. 8,
    755 Main Street, Monroe, CT 06468, US,
Patent and Priority Information (Country, Number, Date):
                        WO 200198992 A1 20011227 (WO 0198992)
  Patent:
  Application:
                        WO 2001US17017 20010525 (PCT/WO US0117017)
  Priority Application: US 2000595528 20000616
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
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  KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
  SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
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(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
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(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 8387

# English Abstract

The present invention relates to a method and system for providing e-commerce and accounting services to organizations and service providers for offerings ordered by the organization via an on-line interactive communication network. In particular, the present invention relates to a method and system whereby a third party intermediary (15) can absorb certain payment, collection and billing functions on behalf of an organization (20) and service providers (30) which provide services to the organization (20). The term service provider (30) as used herein refers to any entity or individual that provides a service, including the service of providing goods.

#### French Abstract

Procede et systeme destines a fournir des services de commerce electronique et de comptabilite a des organisations et fournisseurs de services pour des offres commandees par l'organisation via un reseau de communication interactif en ligne. En particulier, la presente invention concerne un procede et un systeme selon lesquels un intermediaire (15) peut absorber certaines fonctions de paiement, de collecte et de facturation pour le compte d'une organisation (20) et de fournisseurs de services (30) qui fournissent des services a l'organisation (20). Le terme fournisseur de services (30) utilise dans le present contexte fait reference a toute entite ou individu qui fournit un service, y compris le service de fourniture de biens.

### 15/3,AB/5 (Item 5 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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### 00856084

# INTERNET BASED EMPLOYEE/EXECUTIVE RECRUTING SYSTEM AND METHOD SYSTEME ET PROCEDE DE RECRUTEMENT DE CADRES SUPERIEURS/D'EMPLOYES PAR INTERNET

Patent Applicant/Assignee:

ESARESS HOLDINGS LTD, Wesselenyi U16, H-1077 Budapest, HU, HU (Residence), HU (Nationality)

Inventor(s):

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KELLY Claudia, 280 Stanwich Road, Greenwich, CT 06830, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200188781 A2 20011122 (WO 0188781)

Application: WO 2001IB1234 20010517 (PCT/WO IB0101234)

Priority Application: US 2000204776 20000517

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6745

#### English Abstract

A website includes access to a database of job listings so that users can search the listings according to certain criteria as well as automatically be notified when a matching listing exists. Potential candidates interested in a particular matching position are presented with an online exam, based on the position, to eliminate unqualified candidates. Those candidates that match the job criteria and successfully complete the exam are then assessed off-line by an assessment specialist skilled and experienced at evaluating candidates for job openings, especially executive jobs two or three levels below the Chief Executive Officer level. A select few candidates are then interviewed, for example, by telephone or videoconference to further assess they're fit with the job position. From the interview results a set of candidates are presented to the employer. To attract candidates to the website, an adaptive predictive system is available for use that allows a candidate to input their current job position, their desired career goals and receive as output career path guidance which shows those positions that will help them reach their career goals.

#### French Abstract

L'invention concerne un site web comprenant l'acces a une base de donnees de listes d'emplois, les utilisateurs pouvant ainsi chercher ces listes selon certains criteres et etre automatiquement avises de l'existence d'une liste correspondante. Les candidats eventuels interesses par un poste approprie en particulier, sont soumis a un examen en ligne, en fonction du poste, le but etant d'eliminer les candidats non qualifies. Les candidats qui satisfont aux criteres du poste et passent avec succes l'examen sont ensuite evalues hors ligne par evaluateur competent et experimente en matiere d'evaluation de candidats pour des possibilites d'emploi, notamment pour des postes de direction situes a deux ou trois niveaux en dessous de celui de directeur general. Quelques candidats selectionnes sont alors interviewes, par exemple par telephone ou par videoconference, afin de mieux evaluer leur aptitude a l'emploi. Sur la base des resultats de l'interview, une serie de candidats est presentee a l'employeur. Pour interesser un candidat a un site web, un systeme predictif et adaptatif est mis a sa disposition; il peut ainsi saisir son poste de travail actuel, ses objectifs de carriere souhaites et recevoir des orientations quant au developpement de sa carriere, lui montrant les postes qui l'aideront a realiser ses objectifs de carriere.

# 15/3,AB/6 (Item 6 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00849467

# INTERACTIVE EMPLOYMENT SYSTEM AND METHOD SYSTEME ET PROCEDE DE RECRUTEMENT INTERACTIF

Patent Applicant/Assignee:

ROBERT HALF INTERNATIONAL INC, 2884 Sand Hill Road, Suite 200, Menlo Park, CA 94025, US, US (Residence), US (Nationality)

Inventor(s):

PINEDA Andy, 775 East Blithedale #276, Mill Valeey, CA 94941, US, MAYER Julie, 218 Waller Street, San Francisco, CA 94102, US, SPIECZNY Steven, 510 Jersey Street, San Francisco, CA 94114, US, SCHMIDT David Scott, 1690 Broadway Street, apt. 708, San Francisco, CA 94109, US,

SOLOFF David, 1035 Deharo #2, San Francisco, CA 94107, US, ROSE Sparky, 32 Ford Street, San Francisco, CA 94114, US,

REILLY Colleen, c/o Viant, 650 Townsend Street, San Francisco, CA 94103, BHAMRE Neal, 2941 23rd Avenue, San Francisco, CA 94132, US, Legal Representative: LUDWIG S Peter (et al) (agent), Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513, US, Patent and Priority Information (Country, Number, Date): Patent: WO 200182185 A2 20011101 (WO 0182185) Application: WO 2001US12910 20010420 (PCT/WO US0112910) Priority Application: US 2000199038 20000421 Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 6580 English Abstract French Abstract 15/3,AB/7 (Item 7 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00844341 SYSTEMS AND **METHODS** FOR ALIGNING INTERESTS IN AN ON-LINE BUSINESS-TO-BUSINESS EXCHANGE SYSTEMES ET PROCEDES PERMETTANT DE METTRE EN PARALLELE DES INTERETS DANS UN ECHANGE INTER-ENTREPRISES Patent Applicant/Assignee: MERITSPAN HOLDINGS INC, Ste. C-100, 3424 Peachtree Road, Monarch Tower, Atlanta, GA 94105, US, US (Residence), US (Nationality) Inventor(s): SUAREZ Alex E, 876 Crest Valley Drive, Atlanta, GA 30327, US, Legal Representative: SUTCLIFFE Geoff L (agent), Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530, US, Patent and Priority Information (Country, Number, Date): WO 200177956 A1 20011018 (WO 0177956) Patent: WO 2001US11147 20010406 (PCT/WO US0111147) Application: Priority Application: US 2000195539 20000407; US 2000574348 20000519; US 2000225803 20000816; US 2000708304 20001107; US 2000708308 20001107 Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English

Fulltext Word Count: 17380

### English Abstract

A business-to-business exchange on the Internet enables a buyer (B) to request a discount, such as a percentage discount or a fixed amount. The exchange takes the payment transaction information and sends it to a payment facilitator (PF) over a direct communication link outside of the Internet so that payment to the seller (S) may be effected. By transmitting the payment transaction information over the link outside of the Internet, the exchange allows commerce to be conducted in a more secure environment. The exchange invites a select group of the buyers (B) or sellers (S) to enrol in a plan that grants them partial ownership in the exchange and issues warrants to those buyers (B) or sellers (S) who agree to the terms of the ownership plan. The warrants vest based on activities through the exchange that reallocated to each entity.

# French Abstract

L'invention concerne un echange inter-entreprises ayant lieu sur Internet et permettant a un acheteur (B) de demander un rabais, tel qu'un escompte procentuel ou une somme fixe. L'echange s'empare des informations relatives a la transaction du paiement et les envoie a une entite de paiement via un lien de communication direct hors Internet, de maniere que le paiement au vendeur puisse etre effectue. L'echange permet au commerce d'etre effectue dans un environnement plus sur du fait que les informations relatives a la transaction du paiement sont transmises sur un lien hors Internet. L'echange invite un groupe selectif d'acheteurs ou de vendeurs a s'inscrire dans un plan leur garantissant une propriete partielle dans l'echange et emet des bons de souscription aux acheteurs ou vendeurs qui acceptent les conditions du plan de propriete. Les bons de souscription sont investis en fonction des activites ayant lieu via l'echange qui sont attribuees a chaque entite.

# 15/3,AB/8 (Item 8 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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# 00837962

# SYSTEM AND METHOD FOR ADVERTISING WITH AN INTERNET VOICE PORTAL SYSTEME ET PROCEDE DE PUBLICITE DOTE D'UN PORTAIL VOCAL INTERNET

Patent Applicant/Assignee:

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ARMSTRONG Matthew Nelson, 175 Bluxome Street, Apt. 104, San Francisco, CA 94107, US,

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WOODS Steven Gregory, 900 High School Way, Apt. 2320, Mountain View, CA 94041, US,

QUILICI Alexander E, 1044 9th Street, Suite #5, Santa Monica, CA 90403,

Legal Representative:

GLENN Michael A (et al) (agent), Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171609 A2 20010927 (WO 0171609)

Application: WO 2001US8470 20010316 (PCT/WO US0108470)

Priority Application: US 2000531951 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 26521 English Abstract French Abstract Un procede de publicite consiste a maintenir une session de communication basee sur Internet entre un utilisateur et un portail, et a produire de maniere selective des publicites pendant la session de communication en fonction de contraintes d'utilisateur, de criteres de vente et de contexte quelconques. 15/3,AB/9 (Item 9 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00837928 SYSTEM AND METHOD FOR DETERMINING IF ONE WEB SITE HAS THE SAME INFORMATION AS ANOTHER WEB SITE SYSTEME ET PROCEDE POUR DETERMINER SI UN SITE WEB A LES MEMES INFORMATIONS QU'UN AUTRE SITE WEB Patent Applicant/Assignee: QUACK COM, 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089, US, US (Residence), US (Nationality) Inventor(s): SELLINK Martin Paul Alexander, 1053 Chico Court, Sunnyvale, CA 94086, US, CARRIERE Steven Jeromy, Apartment 4302, 651 Franklin Street, Mountain View, CA 94041, US, WOODS Steven Gregory, Apartment 2320, 900 High School Way, Mountain View, CA 94041, US, Legal Representative: GLENN Michael A (agent), Glenn Patent Group, 3475 Edison Way, Ste. L, Menlo Park, CA 94025, US, Patent and Priority Information (Country, Number, Date): Patent: WO 200171565 A2-A3 20010927 (WO 0171565) WO 2001US8580 20010316 Application: (PCT/WO US0108580) Priority Application: US 2000531952 20000321 Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM

Karen Lehman EIC 3600 16-Jun-03

Publication Language: English Filing Language: English Fulltext Word Count: 26369

### English Abstract

A method of determining if one web site has the same information as another web site includes receiving a signal to select a form configured to find data in a file containing information displayed on a web site and accessed via a network, applying the selected form to the file and selectively identifying item information available in the file, copying identified item information to a first data file, the identified item information being related to a specific product or service, and comparing the first data file and a second data file to determine if the specific product or service of the first data file is related to the specific product or service of the second data file.

# French Abstract

L'invention concerne un procede pour determiner si un site Web a les memes informations qu'un autre site Web, ce procede comprenant les etapes suivantes : recevoir un signal pour selectionner une forme configuree pour trouver des donnees dans un fichier contenant des informations affichees sur un site Web et accessibles par l'intermediaire d'un reseau ; appliquer la forme selectionnee au fichier et identifier de maniere selective les informations disponibles dans le fichier ; copier les informations identifiees dans un premier fichier de donnees, ces informations identifiees concernant un produit ou un service specifique ; et comparer le premier fichier de donnees avec un deuxieme fichier de donnees pour determiner si le produit ou le service specifique du premier fichier se rapporte au produit ou au service specifique du deuxieme fichier de donnees.

# 15/3,AB/10 (Item 10 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00837908

### INTERACTING WITH A DATA NETWORK USING A TELEPHONIC DEVICE

SYSTEME ET PROCEDE D'UTILISATION D'UN TELEPHONE POUR ACCEDER A DES TRANSACTIONS, LES TRAITER ET LES EFFECTUER SUR L'INTERNET

Patent Applicant/Assignee:

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WOODS Steven Gregory, Apartment 2320, 900 HIgh School Way, Mountain View, CA 94041, US,

Legal Representative:

GLENN Michael A (et al) (agent), Glenn Patent Group, 3475 Edison Way, Ste. L, Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171543 A2-A3 20010927 (WO 0171543) Application: WO 2001US8748 20010316 (PCT/WO US0108748)

Priority Application: US 2000532509 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

- (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
- (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
- (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
- (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 25679

### English Abstract

It is desirable to provide a system and method by which people can access Internet-based information without directly using a computer, having a personal ISP connection, or gaining experience or training on use of the Internet. In addition, it is desirable to provide a system and method which allows people to obtain Internet-based information using convenient and readily available means, such as , by way of voice over a public telephone. Further, it is desirable to provide a system and method which allows for using voice over a telephone to access, process, and carry out transactions over the Internet. Even further, such transactions should be possible with any user interface platform. One aspect of an embodiment of the invention is a method for executing a transaction related to an item or a service using a telephone includes providing information identifying the item or the service, providing a query as to a transaction to be performed in which the transaction is related to the identified item or service, and sending to a server system a request to execute the transaction related to the identified item or service in response to a user answer. The transaction is executed without the user performing a single action on a computer interface.

# French Abstract

L'invention concerne un procede permettant d'executer une transaction portant sur un article ou un service au moyen du telephone, qui consiste a fournir des informations identifiant ledit article ou service, a poser une question quant a une transaction a executer, laquelle transaction se rapporte audit article ou service identifie, et a envoyer a un serveur une demande d'execution de ladite transaction faisant suite a une reponse d'utilisateur. La transaction est executee sans que l'utilisateur ait besoin d'accomplir la moindre operation sur une interface ordinateur.

# 15/3,AB/11 (Item 11 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00837904

SYSTEM AND METHOD FOR NON-PROGRAMMING DEVELOPMENT OF RULES USED IN THE TRANSFORMATION OF WEB-BASED INFORMATION

SYSTEME ET PROCEDE DE DEVELOPPEMENT DE REGLES HORS PROGRAMMATION UTILISEES DANS LA CONVERSION D'INFORMATIONS WEB

Patent Applicant/Assignee:

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GLENN Michael A (et al) (agent), Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200171538 A2-A3 20010927 (WO 0171538)
Application: WO 2001US8384 20010316 (PCT/WO US0108384)

Priority Application: US 2000531950 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 25749

# English Abstract

A method of establishing rules corresponding to attributes of a thing to be identified in order to have a non-programming means capable of obtaining information from web pages includes finding a web page corresponding to information related to a desired thing, selecting a form to overlay the found web page, and extracting information from the found web page based on the form. The form is defined by rules corresponding to attributes of the desired thing.

#### French Abstract

L'invention concerne un procede permettant d'etablir des regles correspondant aux attributs d'un objet devant etre identifie de manière a creer un moyen hors programmation permettant d'obtenir des informations a partir de pages web. Ce procede consiste a trouver une page web correspondant aux informations liees a un objet souhaite; a selectionner un formulaire pour recouvrir la page web trouvee; puis a extraire les informations de la page web trouvee en fonction du formulaire. Le formulaire est defini par des regles correspondant aux attributs de l'objet souhaite.

# 15/3,AB/12 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00837855

SYSTEM AND METHOD FOR FUNNELING USER RESPONSES IN AN INTERNET VOICE PORTAL SYSTEM TO DETERMINE A DESIRED ITEM OR SERVICE

SYSTEME ET PROCEDE PERMETTANT D'ORIENTER DES REPONSES D'UTILISATEURS DANS UN SYSTEME DE PORTAIL VOCAL INTERNET POUR DETERMINER UN ARTICLE OU UN SERVICE DESIRE

Patent Applicant/Assignee:

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WOODS Steven Gregory, 900 High School Way, Apartment 2320, Mountain View, CA 94041, US,

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200171481 A2-A3 20010927 (WO 0171481)

Application: WO 2001US8749 20010316 (PCT/WO US0108749)

Priority Application: US 2000531743 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

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SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 25366
English Abstract
  A method of funneling user responses in a voice portal system to
  determine a desired item or service includes (a) establishing an
  attribute value associated with a particular attribute of a desired item
  or service and (b) determining if the attribute value satisfies an end
  state. If the end state is not satisfied, steps (a) and (b) are performed
  with a new particular attribute.
French Abstract
  On decrit un procede qui permet d'orienter des reponses d'utilisateurs
  dans un systeme de portail vocal afin de determiner un article ou un
  service desire qui consiste a (a) etablir une valeur d'attribut associee
  a un article ou un service desire et (b) determiner si la valeur
  d'attribut concorde avec un etat final. Si l'etat final n'est pas
  satisfait, on effectue a nouveau les etapes (a) et (b) avec un nouvel
  attribut specifique.
 15/3,AB/13
                (Item 13 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00837854
SYSTEM AND METHOD FOR VOICE ACCESS TO INTERNET-BASED INFORMATION
SYSTEME ET PROCEDE D'ACCES VOCAL A UNE INFORMATION BASEE SUR INTERNET
Patent Applicant/Assignee:
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    (Residence), US (Nationality)
Inventor(s):
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    US.
  WOODS Steven Gregory, 900 High School Way, Apartment 2320, Mountain View,
    CA 94041, US,
  CARRIERE Steven Jeromy, 651 Franklin Street, Apartment 4302, Mountain
    View, CA 94041, US,
Legal Representative:
  GLENN Michael A (agent), Glen Patent Group, 3475 Edison Way, Suite L,
   Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
                        WO 200171480 A2-A3 20010927 (WO 0171480)
  Patent:
                        WO 2001US8314 20010316 (PCT/WO US0108314)
  Application:
  Priority Application: US 2000532802 20000321
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Karen Lehman EIC 3600 16-Jun-03

Filing Language: English

Fulltext Word Count: 25992

### English Abstract

A method of providing voice access to Internet-based information and services includes receiving a signal indicating a communication connection request in which the communication connection request is initiated by a user of a communication apparatus, establishing a communication connection with the communication apparatus of the user, receiving voice information from the user, and communicating voice information responsive to the voice information received from the user. The responsive voice information includes Internet-based information.

#### French Abstract

L'invention concerne un procede, permettant un acces vocal a une information et a des services bases sur Internet, consistant a recevoir un signal indiquant une requete de connexion pour communication, cette requete etant initiee par un utilisateur d'appareil de communication, a etablir une connexion de communication avec l'appareil de communication de l'utilisateur, a recevoir une information vocale de l'utilisateur, et a communiquer une information vocale adaptee a l'information recue de l'utilisateur. L'information vocale adaptee comprend une information basee sur Internet.

# 15/3,AB/14 (Item 14 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00827996

# COMMUNICATIONS NETWORK BASED RECRUITMENT RECRUTEMENT BASE SUR RESEAU DE COMMUNICATIONS

Patent Applicant/Inventor:

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Legal Representative:

NEWELL William Joseph (et al) (agent), Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200161527 A2 20010823 (WO 0161527)
Application: WO 2001GB642 20010216 (PCT/WO GB0100642)

Priority Application: GB 20003509 20000216

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

- (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
- (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
- (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
- (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8755

English Abstract

# French Abstract

La presente invention concerne un systeme gere par une agence de recrutement qui memorise une base de donnees comportant des donnees sur l'historique de candidats en relation avec l'agence de recrutement. Des details tels que des renseignements concernant tout contact entre le

candidat et l'agence de recrutement, des entrevues et autres peuvent etre stockes. Les donnees video d'une entrevue peuvent egalement etre stockees et rendues accessibles a d'autres agences de recrutement ou d'employeurs potentiels a travers le reseau Internet. Le systeme peut aussi convertir des codes de competences de sorte que des donnees en provenance d'autres bases de donnees puissent etre utilisees.

15/3,AB/15 (Item 15 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00816854 METHOD AND SYSTEM FOR REMOTELY MANAGING BUSINESS AND EMPLOYEE ADMINISTRATION FUNCTIONS PROCEDE ET SYSTEME DESTINES A GERER A DISTANCE DES ENTREPRISES ET DES FONCTIONS D'ADMINISTRATION DES EMPLOYES Patent Applicant/Assignee: EMPLOYEEMATTERS INC, 9A Riverbend Drive South, Stamford, CT 06907, US, US (Residence), US (Nationality), (For all designated states except: US) Patent Applicant/Inventor: COOPERSTONE Elliot, 9A Riverbend Drive South, Stamford, CT 06904, US, US (Residence), US (Nationality), (Designated only for: US) PHAM H Thach, 9A Riverbend Drive South, Stamford, CT 06904, US, US (Residence), GB (Nationality), (Designated only for: US) Legal Representative: HALL David A (et al) (agent), Heller Ehrman White & McAuliffe LLP, Suite 700, 4250 Executive Square, La Jolla, CA 92037, US, Patent and Priority Information (Country, Number, Date): WO 200150395 A2-A3 20010712 (WO 0150395) Patent: WO 2001US268 20010104 (PCT/WO US0100268) Application: Priority Application: US 2000174480 20000104 Parent Application/Grant: Related by Continuation to: US 2000174480 20000104 (CON) Designated States: AE AG AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 15511

# English Abstract

Human resource and employee benefit products for businesses, implemented on one or more computing devices connected to the Internet, are managed and administered. The combination of human resource and employee benefit products required by the businesses are determined, and are classified according to criteria including a number of employees, type of work performed, and similarity of needs of these businesses in the human resource and employee benefit management areas. A local set of the human resource and the employee benefit products is provided, as is a third party provider set of products located on the third party provider's computers. Both sets of products are then organized into integrated benefits packages, each of which packages may be modified by the customer by adding and subtracting products. The price of each integrated and modified benefits package is determined, which price will be binding on the third party provider for a defined period of time.

### French Abstract

L'invention concerne la gestion et l'administration de produits de ressources humaines et d'avantages sociaux destines a des entreprises, mis en oeuvre dans un ou plusieurs dispositifs informatiques connectes a Internet. La combinaison de produits de ressources humaines et d'avantages sociaux requis par l'entreprise est determinee et classee selon des criteres comprenant le nombre d'employes, le type de travail effectue, et la similitude des besoins de ces entreprises dans les domaines de gestion des ressources humaines et des avantages sociaux. Un ensemble local des produits de ressources humaines et d'avantages sociaux est fourni, ainsi qu'un ensemble de produits fournisseur tiers situe sur les ordinateurs du fournisseur tiers. Les deux ensembles de produits sont organises en paquets de benefices integres, chacun de ces paquets pouvant etre modifie par le client par addition ou soustraction de produits. Le prix de chaque paquet de benefices integre et modifie est determine, ce prix sera obligatoire pour le fournisseur tiers pendant une periode de temps determinee.

# 15/3,AB/16 (Item 16 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00809444

# METHOD OF MASKING THE IDENTITY OF A PURCHASER DURING A CREDIT TRANSACTION PROCEDE DE MASQUAGE DE L'IDENTITE D'UN CLIENT AU COURS D'UNE OPERATION SUR CARTE DE CREDIT

Patent Applicant/Inventor:

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STEINBERGER Lance T, 125 Baird Circle, Highland Village, TX 75077, US, US (Residence), US (Nationality)

PHILIP Rolfe M, 130 Rassani Drive, Danville, CA 94506, US, US (Residence), CA (Nationality)

Legal Representative:

SMITH Steven W (agent), Smith, Danamraj & Youst, P.C., Suite 1200, LB-15, 12900 Preston Road, Dallas, TX 75230-1328, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200143084 A2-A3 20010614 (WO 0143084)
Application: WO 2000US42592 20001205 (PCT/WO US0042592)

Priority Application: US 99455289 19991206

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 10290

# English Abstract

A method of masking the identity of a purchaser (30) during a credit transaction. The method includes the steps of establishing an alias credit account associated with the purchaser. The alias credit account includes an alias name and alias account number. The purchaser buys a selected item by utilizing the alias credit account. The alias account is then verified as a valid account having adequate credit to purchase the

selected item. Next, the alias account is associated with the purchaser. The selected item may then be delivered to an alias address allowing pickup of the selected item by the purchaser or to his home address without the merchant knowing the purchaser's home address or the shipper knowing the nature of the item.

French Abstract

La presente invention concerne un procede de masquage de l'identite d'un client (30) au cours d'une operation sur carte de credit. Ce procede consiste a etablir un compte de credit alias associe au client. Le compte de credit alias comprend un alias et un numero de compte alias. Le client achete un article selectionne en utilisant le compte de credit alias. Le compte alias est verifie pour savoir s'il est valide et solvable pour acheter l'article selectionne. Le compte alias est associe au client. L'article selectionne peut etre ensuite envoye soit a une adresse alias a laquelle le client viendra recuperer l'article selectionne, soit a l'adresse privee du client sans que le vendeur sache son adresse privee ou que l'expediteur connaisse la nature de l'article.

# 15/3,AB/17 (Item 17 from file: 349) DIALOG(R)File 349:PCT FULLTEXT

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00792479

# SYSTEM FOR WEB-BASED PAYROLL AND BENEFITS ADMINISTRATION SYSTEME DE GESTION DU PAIEMENT DES SALAIRES ET DES AVANTAGES SOCIAUX PILOTE PAR LE WEB

Patent Applicant/Assignee:

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Legal Representative:

CHOU Chien-Wei (Chris) (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200125992 A1 20010412 (WO 0125992)

Application: WO 2000US26620 20000927 (PCT/WO US0026620)

Priority Application: US 99411332 19991001

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

- (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
- (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
- (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English

Fulltext Word Count: 36214

### English Abstract

The system provides an automated, centralized back-end payroll service with a full-featured web-based payroll system. Both aspects of the system

have access to a central database, which includes profile information on employers (30) and employees (40); timesheets, salary and hourly wage data (50); overtime data; employee benefit data (60) and information regarding third-party providers and miscellaneous payees. The full-featured payroll system functionality is implemented in a manner that provides employers and employees (to the extent security policies permit) with a robust, data-driven user interface with a standard web browser. The central database provides the system's back-end (server-side) payroll service functionality with constant access to the data. The system implements and enforces compliance with a wide variety of tax-related and employment-related rules across federal, state and local jurisdictions relating for example to overtime pay, benefit limits, payment frequency, and scheduled reporting requirements.

#### French Abstract

L'invention concerne un systeme qui assure un service centralise de paiement final des salaires, et automatique pilote par le web. Ce systeme permet d'avoir acces a une base de donnees centrale, qui comprend des informations concernant les employes (30) et les employeurs (40), des feuilles de temps de travail, des donnees relatives aux salaires et aux paiements horaires (50), aux heures supplementaires, aux avantages sociaux (60) ainsi que des informations concernant des fournisseurs formant tierces parties et divers beneficiaires. Ce systeme de paiement de salaires est mis en oeuvre d'une maniere qui offre aux employeurs et aux employes (dans la mesure ou les politiques de securite le permettent) une interface utilisateur solide, pilotee par donnees avec un explorateur de reseau standard. La base de donnees centrale assure la fonctionnalite des services de paiements finaux (du cote serveur) avec un acces constant aux donnees. Ce systeme respecte un certain nombre de regles liees a l'emploi et aux impots dans les diverses juridictions locales et gouvernementales, et concernant par exemple, le paiement des heures supplementaires, des avantages sociaux, la frequence de paiement et les exigences de programmation des rapports.

# 15/3,AB/18 (Item 18 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00757112

# METHOD AND SYSTEM FOR ISSUING AND MANAGING CERTIFICATES OF INSURANCE PROCEDE ET SYSTEME PERMETTANT DE DELIVRER ET DE GERER DES CERTIFICATS D'ASSURANCE

Patent Applicant/Assignee:

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Legal Representative:

FISH Charles S (agent), Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200070494 A2-A3 20001123 (WO 0070494)
Application: WO 2000US13512 20000517 (PCT/WO US0013512)

Priority Application: US 99134421 19990517

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 10624

# English Abstract

A certificate exchange network (10) includes a server network (40) that integrates an insured (14), an insurance agent (12), an insurance company (11), a certificate holder (16), a risk manager (15), and a professional employee organization (13), all involved in the certificate of insurance process. The server network (40) includes a communication server (42), a processing server (44), and a data server (46). The communication server (42) provides an interface between the entities of the certificate exchange network (10) and the server network (40). The processing server (44) generates certificates of insurance requested by the insured (14), processes setup information provided by the insurance agent (12), and establishes certificate profiles as determined by the certificate holder (16). The data server (46) stores all the information used in generating the certificates of insurance and information associated with the various entities. Certificates of insurance can be electronically generated and delivered by the server network (40) and can be tracked and verified as needed.

# French Abstract

L'invention concerne un reseau (10) d'echange de certificats comprenant un reseau (40) serveur integrant un assure (14), un agent (12) d'assurance, une compagnie (11) d'assurance, un titulaire (16) de certificat, un gestionnaire (15) de risque, et une association (13) professionnelle d'employes qui interviennent tous dans le processus de delivrance et de gestion des certificats d'assurance. Le reseau (40) serveur comprend un serveur (42) de communication, un serveur (44) de traitement, et un serveur (46) de donnees. Le serveur (42) de communication etablit une interface entre les entites du reseau (10) d'echange de certificats et le reseau (40) serveur. Le serveur (44) de traitement genere les certificats d'assurance demandes par l'assure (14), traite l'information relative a l'etablissement du certificat fournie par l'agent (12) d'assurance et etablit des profils de certificat conformement aux definitions du titulaire (16). Le serveur (46) de donnees memorise toute l'information utilisee dans l'etablissement des certificats d'assurance ainsi que l'information associee aux differentes entites. Ce systeme permet l'etablissement et l'envoi de certificats d'assurance par voie electronique par l'intermediaire du reseau (40) serveur, et permet d'assurer un suivi et de verifier ces certificats selon les besoins.

# 15/3,AB/19 (Item 19 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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### 00554461

# METHOD OF IMPROVING SECURITY IN ELECTRONIC TRANSACTIONS PROCEDE PERMETTANT DE RENFORCER LA SECURITE DE TRANSACTIONS ELECTRONIQUES

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION,

ABAD PEIRO Jose L,

STOLZE Markus,

Inventor(s):

ABAD PEIRO Jose L,

STOLZE Markus,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200017834 A1 20000330 (WO 0017834)

Application: WO 99IB1494 19990902 (PCT/WO IB9901494)

Priority Application: EP 98117856 19980921

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG US UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG Publication Language: English

Fulltext Word Count: 6663

#### English Abstract

A computerized method (10) is provided which improves data security in electronic transactions in an insecure network (12). This is accomplished when the method (10) operates on a user (18) which has established a commercial relationship with a trusted third party broker (22), and merchants (20a - 20d). The method utilizes network links (14, 24) between (a) the trusted third party broker and the user and (b) the trusted third party broker and the merchants. Protocols are selected to operate between each network link, the selection being made, at least in part, on the basis of the computer resources which may be expected to be available in each network link.

## French Abstract

Cette invention a trait a un procede informatise (10) permettant de renforcer la securite des donnees dans une transaction electronique s'effectuant dans un reseau non securise (12). Ce renforcement de la securite est rendu possible par la mise en oeuvre de cette methode (10) chez un utilisateur (18) ayant etabli des relations commerciales avec un courtier tiers de confiance (22) et des negociants (20a-20d). Il est utilise, dans le cadre de cette methode, les liens de reseau (14, 24) existant entre, (a), le courtier de confiance et l'utilisateur et, (b), entre ce courtier et les negociants. Des protocoles sont choisis qui interviendront entre chaque lien de reseau, ce choix s'operant, au moins en partie, en fonction des ressources informatiques dont on escompte la disponibilite dans chaque lien de reseau.

# 15/3,AB/20 (Item 20 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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# 00198459

REAL TIME INSURANCE ADMINISTRATION AND MEDICAL INFORMATION UTILITY SERVEUR A GESTION D'ASSURANCES ET A RENSEIGNEMENT MEDICAL EN TEMPS REEL

Patent Applicant/Assignee: ALCOTT William D III, DOYLE Findley C Jr,

Inventor(s):
ALCOTT William D III,
DOYLE Findley C Jr,
Patent and Priority Information (Country, Number, Date):
Patent:
WO 9115817 A1 19911017
Application:
WO 91US2366 19910405 (PCT/WO US9102366)
Priority Application: US 90704 19900409
Designated States: AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE
Publication Language: English

# English Abstract

Fulltext Word Count: 16349

A real time health care insurance administration and medical information utility which includes a service provider terminal (18) in two-way, on-line communication with a central processing unit (3) and updatable central data base (6). The service provider terminal (18) includes a card reader for inputting group member identification data and means in the form of a keyboard for interrogating the central data base regarding the plan eligibility of the group member and the reimbursement provided by the plans for various proposed treatments, as well as a screen for displaying data responsive to the inquiries. A benefit sponsor such as an employer is also provided with a terminal (185) in two-way, on-line communication with the central processing unit so that the eligibility status of the group member may be updated on line.

#### French Abstract

Serveur a gestion d'assurances maladie et a renseignement medical en temps reel comprenant un terminal serveur (18) se trouvant en communication bidirectionnelle et interactive avec une unite centrale (3) et une base de donnees centrale actualisable (6). Le terminal serveur (18) comprend un lecteur de cartes servant a introduire les donnees d'identification des assures, et un dispositif sous forme de clavier servant a consulter la base de donnees centrale au sujet de l'acceptabilite de l'assure selon son regime d'assurances. et du remboursement prevu par le regime pour divers traitements proposes, ainsi qu'un ecran servant a afficher les donnees correspondantes en reponse a la demande renseignements. Un organisme de patronage des prestations, par exemple un employeur, est egalement muni d'un terminal (185) se trouvant en communication bidirectionnelle et interactive avec l'unite centrale afin que le statut d'acceptabilite de l'assure puisse etre modifie en direct.

t 17/3/all 17/3/1 (Item 1 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00836822 SYSTEM AND METHOD FOR INTERNET BASED PROCUREMENT OF GOODS AND SERVICES SYSTEME ET PROCEDE D'ACQUISITION DE BIENS ET DE SERVICES PAR INTERNET Patent Applicant/Assignee: VOLT INFORMATION SCIENCES INC, 560 Lexington Avenue, New York, NY 10022, US, US (Residence), US (Nationality), (For all designated states except: US) Patent Applicant/Inventor: BRIEF Victor, 1440 54th Street, Brooklyn, NY 11219, US, US (Residence), GB (Nationality), (Designated only for: US) Legal Representative: FARRELL Raymond E (et al) (agent), Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553, US, Patent and Priority Information (Country, Number, Date): Patent: WO 200169496 A2 20010920 (WO 0169496) Application: WO 2001US7962 20010313 (PCT/WO US0107962) Priority Application: US 2000188922 20000313 Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 7529 17/3/2 (Item 2 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00827996 \*\*Image available\*\* COMMUNICATIONS NETWORK BASED RECRUITMENT RECRUTEMENT BASE SUR RESEAU DE COMMUNICATIONS

Patent Applicant/Inventor:

COLLINS John Raymond, 35 Amity Court, Longueil Close, Atlantic Wharf, Cardiff CF10 4EA, GB, GB (Residence), GB (Nationality) Legal Representative:

NEWELL William Joseph (et al) (agent), Wynne-Jones, Laine & James, 22

Rodney Road, Cheltenham, Gloucestershire GL50 1JJ, GB,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200161527 A2 20010823 (WO 0161527)

Application: WO 2001GB642 20010216 (PCT/WO GB0100642)

Priority Application: GB 20003509 20000216

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

- (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
- (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
- (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
- (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 8755 (Item 3 from file: 349) 17/3/3 DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. 00762777 \*\*Image available\*\* A SYSTEM AND RELATED METHODS FOR AUTOMATICALLY DETERMINING THE MEDIA COUNT IN A PRINTING DEVICE MEDIA TRAY SYSTEME ET PROCEDE A CET EFFET PERMETTANT DE DETERMINER AUTOMATIQUEMENT LE NOMBRE DE SUPPORTS DANS LE TIROIR D'UN DISPOSITIF IMPRIMEUR Patent Applicant/Assignee: HEWLETT-PACKARD COMPANY, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), - (Nationality) Inventor(s): CURRANS Kevin G, 883 Wyatt Lane, Philomath, OR 97370, US BERTANI John A, 1181 NW County Court, Corvallis, OR 97330, US KERR John M, 2982 NW Pineview, Albany, OR 97321, US BREWSTER Jon A, 488 Glacier Way, Monmouth, OR 97361, US Legal Representative: JENSKI Raymond A, 1000 NE Circle Blvd., m/s 422B, Corvallis, OR 97330, US Patent and Priority Information (Country, Number, Date): WO 200076203 A1 20001214 (WO 0076203) Patent: Application: WO 2000US15121 20000601 (PCT/WO US0015121) Priority Application: US 99325040 19990607; US 2000546205 20000410 Designated States: AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU ZA (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE Publication Language: English Filing Language: English Fulltext Word Count: 15580 17/3/4 (Item 4 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. \*\*Image available\*\* 00762772 DOCUMENT DELIVERY SYSTEM FOR AUTOMATICALLY PRINTING A DOCUMENT ON A PRINTING DEVICE SYSTEME DE TRANSFERT DE DOCUMENT PERMETTANT L'IMPRESSION AUTOMATIQUE D'UN DOCUMENT SUR UN DISPOSITIF D'IMPRESSION Patent Applicant/Assignee: HEWLETT-PACKARD COMPANY, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), US (Nationality) Patent Applicant/Inventor: GUPTA Aloke, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), US (Nationality) SMITH Donald X II, 3630 NW Twinberry Place, Corvallis, OR 97330, US, US (Residence), IN (Nationality) BRONSTEIN Kenneth H, 2990 NW Acacia Place, Corvallis, OR 97330, US, US (Residence), US (Nationality) VAN ZEE Pieter J, 3720 Glenridge Drive, Corvallis, OR 97330, US, US (Residence), US (Nationality) Legal Representative:

Karen Lehman EIC 3600 16-Jun-03

WO 200076198 A1 20001214 (WO 0076198)

JENSKI Raymond A, 1000 NE Circle Blvd., m/s 422B, Corvallis, OR 97330, US

Patent and Priority Information (Country, Number, Date):

Patent:

WO 2000US15120 20000601 (PCT/WO US0015120) Application: Priority Application: US 99325040 19990607; US 2000495013 20000131 Designated States: AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU SG ZA (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE Publication Language: English Filing Language: English Fulltext Word Count: 14545 17/3/5 (Item 5 from file: 349) DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. \*\*Image available\*\* 00762356 RELATED METHODS FOR DYNAMICALLY GENERATING VIRTUAL EDITOR AND PERSONALIZED PUBLICATIONS PROGRAMME D'EDITION VIRTUEL ET PROCEDES ASSOCIES POUR GENERER DYNAMIQUEMENT DES PUBLICATIONS PERSONNALISEES Patent Applicant/Assignee: HEWLETT-PACKARD COMPANY, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), US (Nationality) Patent Applicant/Inventor: MILLER Robert M, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), US (Nationality) GUPTA Aloke, 955 NW Raintree Drive, Corvallis, OR 97330, US, US (Residence), US (Nationality) VAN ZEE Pieter J, 3630 NW Twinberry Place, Corvallis, OR 97330, US, US (Residence), IN (Nationality) SMITH Donald X, 1149 NW Alder Creek Drive, Corvallis, OR 97330, US, US (Residence), US (Nationality) Legal Representative: JENSKI Raymond A, 1000 NE Circle Boulevard, m/s 422B, Corvallis, OR 97330 Patent and Priority Information (Country, Number, Date): WO 200075757 Al 20001214 (WO 0075757) Patent: WO 2000US15127 20000601 (PCT/WO US0015127) Application: Priority Application: US 99325040 19990607; US 2000523283 20000310 Designated States: AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU SG ZA (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE Publication Language: English Filing Language: English

Fulltext Word Count: 17889

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File 256:SoftBase:Reviews, Companies&Prods. 82-2003/May
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Set
        Items
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             ICANT? OR SEEKER?)
S2
         1487
                (PERSONAL OR CONTACT) (2N) INFORMATION
S3
         185
                RESUME OR RESUMES OR CURRICULUM() VITAE
         2806
                FEE OR PAID OR PAYMENT OR INVOICE OR BILLED
S 4
S5
         6324
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                BUSINESS? OR CORPORATION? OR COMPAN? OR EMPLOYER?
S7
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             RIENCE? OR HISTOR?) OR KNOWLEDGE OR ABILIT? OR QUALIF? OR TAS-
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S21
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S22
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S23
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S24
                (EMPLOYMENT OR JOB)/DE
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                S25 AND S4
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t 16/3, k

16/3,K/1 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06591528

Firm offers to pay graduates' loans
UK: GPT OFFERS TO PAY BACK STUDENT LOANS
Daily Telegraph (DT) 26 Feb 1998 p.9
Language: ENGLISH

UK based engineering \*company\* involved in the manufacture of telecommunications equipment, GPT, has announced that it is considering offering to pay back student loans of its new \*employees\* as a method of luring new recruits into the sector. The \*company\* is currently looking to employ some 150 graduates in the software, electronics and communications engineering sector, but is finding it hard to find suitable people to fill the positions. The \*company\* sees the problem in the image of the sector as being low \*paid\* and low prestige work, and the \*company\* has already \*interviewed\* 1,300 people for the positions. In order to attract more graduates to the sector the \*company\* is offering an attractive salary package of GBt 16,500, and the \*payment\* of up to GBt 2,000 towards a student loan. This \*payment\* will not be taken back from the \*employees\* salaries and the \*company\* is also offering GBt 1,000 in resettlement expenses. \*...

EVENT: Labour \*Information\*
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23/7/all

23/7/1 (Item 1 from file: 2) DIALOG(R)File 2:INSPEC (c) 2003 Institution of Electrical Engineers. All rts. reserv. INSPEC Abstract Number: C9805-7100-025 5874304 Title: Small business hiring practices for employing office staff Author(s): Alexander, M.W.; Ray, C.M.; Naffziger, D.W. Author Affiliation: Ball State Univ., Muncie, IN, USA Journal: Office Systems Research Journal p.9-19vol.15, no.2 Publisher: Southwest Missouri State Univ, Publication Date: Fall 1997 Country of Publication: USA CODEN: OSRJEO ISSN: 0737-8998 SICI: 0737-8998 (199723) 15:2L.9:SBHP;1-6 Material Identity Number: J535-98001 Language: English Document Type: Journal Paper (JP) Treatment: Practical (P) Abstract: The objective of the study was to identify relationships among small businesses with regard to their hiring practices when screening and employing office staff. A questionnaire and telephone interviews were used to gather data from small businesses representing six categories. The data involved initial screening of \*applicants\*, the \*employment\* decision factors to offer employment to \*interviewees\*, computer skill requirements, and \*employer\* satisfaction with their hiring practices. Office staff \*employees\* recently hired by small businesses are likely to have completed postsecondary or college courses. Their grades and the cover letters that accompany \*resumes\* are the two most used screening devices, although the factors that influence screening varies by business type. A college degree, the school attended and related work experience are factors most likely to influence the decision to offer employment; and the two computer skills consistently required are data entry and spreadsheet skills. Most small business employees are highly satisfied with the results of their hiring practices. (21 Refs) Subfile: C Copyright 1998, IEE 23/7/2 (Item 1 from file: 233) DIALOG(R) File 233: Internet & Personal Comp. Abs. (c) 2003 Info. Today Inc. All rts. reserv. 00118647 86FC03-003 Plugging into the job circuit: Use your computer to help find your next employer Toohey, Bill Family Computing , Mar 1986 , v4 n3 p12-14, 2 Pages ISSN: 0738-6079 WORKING AT HOME column discusses how a computer can be used when \*searching\* for \*employment\*. Topics include getting started, writing the \*resume\*, finding prospective \*employers\*, filing data, cover letters, \*interviews\* and follow-up, and maintaining contacts. Includes one figure.

17/7/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods. (c) 2003 Info.Sources Inc. All rts. reserv.

00124593

DOCUMENT TYPE: Review

PRODUCT NAMES: Contractors (842672); Recruitment & Hiring (833886)

TITLE: Contracting online AUTHOR: Alexander, Steve

SOURCE: InfoWorld, v22 n28 p67(2) Jul 10, 2000

ISSN: 0199-6649

HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review

REVIEW TYPE: Product Analysis GRADE: Product Analysis, No Rating

Many digital exchanges have emerged that are dedicated to creating a global search engine that matches skilled contractors with companies needing their services. However, users and experts say the exchanges will not easily eliminate the need for bricks-and-mortar staffing agencies. Although one contract programmer says he tries to avoid using agencies, which take a commission, digital exchanges for contractors are mostly used by small companies with under 50 \*employees\*. These exchanges do not charge the extra fees \*paid\* to agencies, which can quickly increase the cost of a project. Another digital exchange user, a Web designer, uses Guru.com to hire programmers who have experience designing Web sites requiring database connectivity. However, among the risks could be increased opportunity for miscommunication since online hiring can often mean no travel to meet clients, no \*interviews\* with an agency, and even no face to face time at a new assignment. Many trust issues exist, says a C++ and Perl contract programmer, since workers and \*employers\* may not know each other, and skill levels may have to be demonstrated over time. Various recruiters, \*employers\* using exchanges to hire, and contract workers comment on the advantages and disadvantages of online digital exchanges for contract workers.

REVISION DATE: 20020330

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AU='VIANELLO M'
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? show files
File 347: JAPIO Oct 1976-2003/Feb (Updated 030603)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD, UM &UP=200337
         (c) 2003 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI. All rts. reserv.
File 344: Chinese Patents Abs Aug 1985-2003/Mar
         (c) 2003 European Patent Office
? ds
Set
       Items
                Description
                IC="G06F-017/60"
S1
       113304
                EMPLOYEE? OR (JOB OR EMPLOYMENT) (3N) ( CANDIDATE? OR APPL-
S2
         3541
          icant? or seeker?)
         8617
                (PERSONAL OR CONTACT) (2N) INFORMATION
S3
S4
         5461
                RESUME OR RESUMES OR CURRICULUM() VITAE
       31835
                FEE OR PAID OR PAYMENT OR INVOICE OR BILLED
S5
       57063
                WORKER? OR PERSONNEL OR CONTRACTOR? OR EMPLOYEE?
S6
       547281
                BUSINESS? OR CORPORATION? OR COMPAN? OR EMPLOYER?
S7
          559
S8
                EMPLOYER?
S9
        18657
                INTERVIEW? OR MEETING
       158508
                CONSENT? OR PERMISSION? OR REQUEST?
S10
                S2 AND (S3 OR S4) AND S7 AND S8 AND S9 AND S10
S11
            2
      3318366
S12
                JOB? OR EMPLOYMENT? OR SKILL? OR POSITION? OR WORK?()(EXPE-
             RIENCE? OR HISTOR?) OR KNOWLEDGE OR ABILIT? OR QUALIF? OR TAS-
             K? OR PROJECT?
S13
           14
                S2 AND (S3 OR S4 OR S12) AND S8 AND S5
S14
                S13 AND (S9 OR S10)
            1
                AU='VIANELLO M'
S15
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10/7/1 (Item 1 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2003 Thomson Derwent. All rts. reserv. 015138846 \*\*Image available\*\* WPI Acc No: 2003-199372/200319 Internet based \*job\* \*applicant\* information provision method involves displaying applicant \*resume\* along with links to audio visual files which stores responses from applicant for specific questions asked at \*interview\* Patent Assignee: LEWIS D M (LEWI-I) Inventor: LEWIS D M Number of Countries: 001 Number of Patents: 001 Patent Family: Date Patent No Kind Applicat No Kind Date US 20020169631 A1 20021114 US 2001285934 P 20010423 200319 B US 2002128056 A 20020423 Priority Applications (No Type Date): US 2001285934 P 20010423; US 2002128056 A 20020423 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes US 20020169631 A1 12 G06F-017/60 Provisional application US 2001285934 Abstract (Basic): US 20020169631 A1 NOVELTY - The \*job\* \*applicant\* information stored in a server database is searched in response to a potential \*employer\* \*request\* and the applicant information list satisfying the \*request\* are displayed to \*employer\*. \*Resume\* of selected applicant with links to audio visual files storing the applicant responses for specific questions asked at \*interview\*, are displayed to the \*employer\*. The \*employer\* views the file content on selecting the link. USE - For providing information about \*job\* \*applicants\* to potential \*employer\* for use in pre-screening applicant \*resumes\* or qualifications, through internet. ADVANTAGE - By providing the audio visual files along with the applicant \*resume\* to the potential \*employer\*, the \*employer\* is enabled to search the suitable candidate who best fit the \*employers\* need within short period of time based on applicant responses for asked questions, thereby eliminates the expense on \*interviewing\* the unsuitable candidates. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the sub-system using internet based \*job\* \*applicant\* information provision method for use by a potential \*employer\*. pp; 12 DwgNo 2/6 Derwent Class: T01 International Patent Class (Main): G06F-017/60 10/7/2 (Item 2 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2003 Thomson Derwent. All rts. reserv. 013871178 \*\*Image available\*\* WPI Acc No: 2001-355390/200137 Candidate profile creating system for assisting \*candidate\* in obtaining \*employment\*, has modules for testing candidate skills and train candidate for \*interviews\* Patent Assignee: CLICK2HIRE LLC (CLIC-N)

Inventor: GIBBS R; GLAUSER A; LONG A H; LONG R D; MORGAN R W Number of Countries: 089 Number of Patents: 002 Patent Family: Kind Date Applicat No Kind Date Patent No Week WO 200133421 A1 20010510 WO 99US29221 Α 19991210 200137 B A 20010514 AU 200020481 AU 200020481 Α 19991210 200149 Priority Applications (No Type Date): US 99432148 A 19991102 Patent Details: Main IPC Patent No Kind Lan Pg Filing Notes WO 200133421 A1 E 28 G06F-017/30 Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW AU 200020481 A G06F-017/30 Based on patent WO 200133421 Abstract (Basic): WO 200133421 A1 NOVELTY - A receiving module (236) receives candidate information. The candidate skills are tested. A \*permission\* to perform background checks on the candidate is acquired. A candidate is trained for \*interview\*. DETAILED DESCRIPTION - Candidate information received to the receiving module includes \*personal\* \*information\*, employment \*information\*, educational information, work experience information, technical skill information, security clearance information, employment preference information and \*interview\* availability information. The results of candidate skill testing is stored in a module training to the candidate is given based on the stored results. INDEPENDENT CLAIMS are also included for the following: (a) System for identifying suitable candidates for an \*employer\* based on candidate profile; (b) Method for creating candidate profile; (c) Method for identifying candidate for an \*employer\* USE - For assisting \*candidate\* in obtaining \*employment\*. ADVANTAGE - Provides a suitable candidate to the \*employer\* by creating a schedule. Facilitates employment negotiation by providing training options to the candidate in different areas. DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of candidate profile creating system. Receiving module (236) pp; 28 DwgNo 1B/2 Derwent Class: T01

Karen Lehman EIC 3600 16-Jun-03

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/60

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            (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.
014584713
             **Image available**
WPI Acc No: 2002-405417/200243
  Internet *jobseekers* references repository operates reference server
  e-mailing reference *employer* to *request* reference document as image
Patent Assignee: RITZEL W D (RITZ-I)
Inventor: RITZEL W D
Number of Countries: 097 Number of Patents: 003
Patent Family:
Patent No
              Kind
                     Date
                             Applicat No
                                            Kind
                                                   Date
             A1 20020425 WO 2001US42296 A
                                                 20010926 200243 B
WO 200233634
                             US 2000241369
                                             Α
                                                  20001019 200243
US 20020049774 A1 20020425
                             US 2001960512
                                             Α
                                                 20010924
                   20020429 AU 200196906
AU 200196906
             Α
                                             Α
                                                 20010926 200255
Priority Applications (No Type Date): US 2001960512 A 20010924; US
  2000241369 P 20001019
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
WO 200233634 A1 E 61 G06F-017/60
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
   PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
                       G06F-007/00
US 20020049774 A1
                                      Provisional application US 2000241369
AU 200196906 A
                       G06F-017/60
                                     Based on patent WO 200233634
Abstract (Basic): WO 200233634 A1
        NOVELTY - Repository comprises a prospective *employee* or
    *jobseeker*, named reference source, recruiter-*employer* and
    *employee* reference server computers connected to the Internet plus an
    *employee* reference server databank. The *jobseeker* registers his
    demographic information and references with the reference server for
    entry into the database and an e-mail is sent to the reference
    *employer* to *request* a reference document. A list of references is
    then accessed and the recruiter receives document images by e-mail on
    *payment* of a *fee*.
        DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a method
    of providing a repository for *jobseeker* references.
        USE - Method is for Internet registration of *jobseekers*
    references for access to letters of recommendation by prospective
    *employers*.
        DESCRIPTION OF DRAWING(S) - The figure shows a repository for
    *jobseekers* references on the Internet.
        pp; 61 DwgNo la/4
Derwent Class: T01
International Patent Class (Main): G06F-007/00; G06F-017/60
 13/7/2
            (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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Karen Lehman EIC 3600 16-Jun-03

4 S12 AND (S8 OR S9)

S13

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014519815
            **Image available**
WPI Acc No: 2002-340518/200238
  Consumer debt *payment* reconciliation involves performing partial
  *payment* of *employee*'s consumer debt accounts to *job* clearing house
  system, in response to funding *request* received by *employer*
Patent Assignee: AMERICAN EXPRESS TRAVEL RELATED SERVICES (AMEX-N);
 ALEXANDER P O (ALEX-I); BALESTRI F (BALE-I); CATALDO-GEBERT J (CATA-I);
  HUGHES J (HUGH-I); RUDMAN J M (RUDM-I)
Inventor: ALEXANDER P; BALLESTRI F; CATALDO-GEBERT J; HUGHES J; RUDMAN J;
  ALEXANDER P O; BALESTRI F; RUDMAN J M
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No
             Kind
                     Date
                             Applicat No
                                            Kind
                                                   Date
                                                            Week
              A1 20020218 CA 2355413
                                                 20010815 200238 B
CA 2355413
                                            Α
US 20020042772 A1 20020411 US 2000226392
                                            Р
                                                 20000818 200238
                             US 2001929879
                                            Α
                                                 20010814
Priority Applications (No Type Date): US 2000226392 P 20000818; US
  2001929879 A 20010814
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
CA 2355413 A1 E 31 G06F-017/60
US 20020042772 A1
                                     Provisional application US 2000226392
                       G06F-017/60
Abstract (Basic): CA 2355413 A1
        NOVELTY - A funding *request* is issued by a computerized *job*
    clearing house (JCH) system (300) to an *employer* (100). The
    *employer* performs, partial *payment* of consumer debt accounts of an
    *employee* (200), to the JCH system in response to the received
    *request*. The received funds are transferred from the JCH system to a
    service of the *employee*'s consumer debt accounts.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
    following:
        (a) Recruitment and retaining method of *employees*;
        (b) System for reconciling *payment* of a consumer debt account;
        (c) System for reconciling *payment* of a student's academic load
        USE - For reconciling partial *payment* of consumer debt accounts,
   motor vehicle loans, recreational vehicle loans, marine loans,
   mortgages, secured and/or unsecured consumer loans including student's
    academic loan, credit card debt, etc., of full time or part time
    *employee*, free lancer, contractor, sub-contractor, independent
    consultant, student and intern.
        ADVANTAGE - Improves accommodation of the needs of prospective and
    existing *employees*, having consumer debt obligations that are
    serviced by partial *employer* *payment* of an *employee*'s consumer
    debt obligation, as a benefit of *employment*. Also matches prospective
    *employees* with *employers* providing partial *payment* of *employee*
    consumer loans as a benefit of *employment*.
        DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram
    of a system matching *employee* *candidate* with available *employment*
    *positions*.
        *Employer* (100)
        *Employee* (200)
        JCH system (300)
       pp; 31 DwgNo 1/6
Derwent Class: T01
International Patent Class (Main): G06F-017/60
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Karen Lehman EIC 3600 16-Jun-03

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(Item 3 from file: 350)
13/7/3
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.
014309594
             **Image available**
WPI Acc No: 2002-130297/200217
  Interactive *employment* system for matching *candidates* to available
  *job* openings using profile data including identification data entered
 by a candidate
Patent Assignee: OPTISCHE WERKE RODENSTOCK KG G (RODN )
Inventor: ALTHEIMER H; BAUMBACH P; DORSCH R; ESSER G; HAIMERL W; PFEIFFER H
Number of Countries: 023 Number of Patents: 003
Patent Family:
                                                            Week
Patent No
              Kind
                     Date
                             Applicat No
                                            Kind
                                                   Date
                                                 20010425
                                                           200217 B
WO 200181985
              A2 20011101
                             WO 2001DE1580
                                             Α
                                                 20010425
                   20011107
                             AU 200173855
                                             Α
                                                           200219
AU 200173855
              Α
              A2 20030122
                                             Α
                                                 20010425
                                                           200308
EP 1277075
                             EP 2001940190
                                             А
                             WO 2001DE1580
                                                 20010425
Priority Applications (No Type Date): WO 2001DE188 A 20010117; DE 1020240 A
  20000425; DE 1020244 A 20000425; DE 1021047 A 20000428
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
WO 200181985 A2 G 27 G02C-007/00
   Designated States (National): AU DE JP US
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
  MC NL PT SE TR
AU 200173855 A
                       G02C-007/00
                                     Based on patent WO 200181985
EP 1277075
             A2 G
                       G02C-007/02
                                     Based on patent WO 200181985
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
   LU MC NL PT SE TR
Abstract (Basic): WO 200181985 A2
        NOVELTY - Remote devices (20,30) communicate with host server (12)
    via network connection (140 and network (10) and the server maintains
    an Internet web site. Candidate or *employer* communicates with the
    server by direct dialing to search a *request*. The search *request* is
    compared to stored candidate profiles and a listing of matching
    candidates is returned.
        DETAILED DESCRIPTION - The *employer* can then *request*
    identification data of a matched candidate and pays a *fee*.
       An INDEPENDENT CLAIM is included for a method for matching
    *candidates* to available *job* openings.
        USE - Matching *candidates* to available *job* openings.
       ADVANTAGE - Generating revenue according to number of *qualified*
    candidates.
        DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of the
    system
        Remote devices (20,30)
        Host server (12)
       Network connection (14)
       pp; 27 DwgNo 1/4
Derwent Class: P81; T01
International Patent Class (Main): G02C-007/00; G02C-007/02
 13/7/4
            (Item 4 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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Karen Lehman EIC 3600 16-Jun-03

007743906 \*\*Image available\*\*
WPI Acc No: 1989-009018/198902

Computerised system for processing medical insurance claims - provides up-to-date information to supplier of medical care about insurance cover of patients with real-time updating

Patent Assignee: NGS AMERICAN INC (NGSA-N); NORTHERN GROUP SERV (NORT-N); NORTHERN GRP SERV I (NSER-N); NORTHERN GROUP SERVICES INC (NSER-N)

Inventor: ALCOTT W D; DOYLE F C; ACOTT W D

Number of Countries: 017 Number of Patents: 007

Patent Family:

	•						
Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 297780	A	19890104	EP 88305729	Α	19880623	198902	В
AU 8818392	Α	19890105				198908	
US 4916611	Α	19900410	US 8768240	Α	19870630	199020	
AU 9168642	A	19910314	•			199118	
CA 1285070	Ċ	19910618				199129	
US 5070452	•	19911203	US 89422625	Α	19891017	199151	
				70	19880629	199535	
NZ 225213	Δ	19950726	NZ 225213	Α	19880629	199535	

Priority Applications (No Type Date): US 8768240 A 19870630; US 89422625 A 19891017

Cited Patents: A3...9034; No-SR.Pub; US 4567359; US 4648037; WO 8401448 Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 297780 A E 17

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE NZ 225213 A G06F-015/30

Abstract (Basic): EP 297780 A

A data base for each insurance plan provided by an \*employer\* is maintained in an administration computer (3). A typical file (6) stores a list of all insured \*employees\* of the company, their spouses and dependents, together with a list of medical treatments for which insurance cover is available, and the cost of each of the treatments. A patient (9) visiting a doctor for treatment produces an ID card (15) from which data are input to the computer by the doctor using a terminal (18) and data link (21).

The computer confirms that the plane on file will pay for the necessary treatment and states the amount of reimbursement. The doctor then \*requests\* that the appropriate funds be transferred in \*payment\*. If the funds available are insufficient the patient may provide a credit card number for the balance. The patient's file is updated with the diagnosis and cost of treatment. The \*employer\* has access to a wider range of data in the computer than does the doctor and is able to add and delete the names of persons insured, for example.

ADVANTAGE - Doctor is able to determine reliably whether patient has insurance cover for treatment required.

Dwg.1/5

Abstract (Equivalent): US 5070452 A

The apparatus has a file of predetermined time spans between active and pending states of benefit plan eligibility based on the status of association between the beneficiary and the \*employment\* group. A clock function is responsive to changes in beneficiary member status for updating the beneficiary plan eligibility state in the file at the predetermined time spans.

A two-way data communication link between at least one benefit provider and the file inputs member identification information and receives current data representing the status of the beneficiary relevant to the \*employment\* group and plan eligibility during both active and pending status periods. A notification to a group member is generated upon the occurrence of a change in status. The notification

Karen Lehman EIC 3600 16-Jun-03

includes information regarding continuing benefit plan options.

USE - For linking physicians office with insurance office. (13pp)

US 4916611 A

The administration system includes a database having an eligibility file of patients for which medical benefits are provided by a given benefits sponsor. The eligibility file includes a benefits status record for storing a state, including at least an active state and a pending state, for each patient. A benefits sponsor terminal communicates on line with the computer system and is directly accessible by the benefits sponsor.

The computer system is preprogrammed to automatically alter the status record for the given patient to the active when the data input indicates that benefits are to be added. The status record is altered to the pending state when the data input indicates that benefits are to be terminated. A notification generating device is controlled by the computer system for automatically providing notice to a patient of a change in the status record from an active state to a pending state.

USE - For adminstration of medical insurance claims. (16pp)h

Derwent Class: T01
International Patent Class (Main): G06F-015/30
International Patent Class (Additional): G06F-003/00



PTO/SB/122 (10-01)
Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:

**Assistant Commissioner for Patents** 

Washington, D.C. 20231

Paperwork Reduction Act of 1995, no persons are required to	respond to a collection of information unles	ss it displays a valid OMB control number.
CHANGE OF	Application Number	10/101,644
RRESPONDENCE ADDRESS	Filing Date	03/19/2002
Application	First Named Inventor	Vianello
o:	Art Unit	
Commissioner for Patents	Examiner Name	
on, D.C. 20231	Attorney Docket Number	15703.10002

<u> </u>		Attorney	Docket	Number			,
Please change the Corres	pondence Address for the above-	identified p	atent to	:	Diago Cu		1
	ber 27526	]	**	<b></b> ⊳			
OR	Type Customer Number	here			PATENT TRA	526 DEMARK OFFICE	j 
Firm or Individual Name	Blackwell Sanders Pe	per Ma	rtin Ll	LP	DECE	IVED	
Address	2300 Main Street			<u></u>	MAY	0 & 5003	
Address	Suite 1000					10 360	)(O
City	Kansas City	State	Miss	souri	GRO	64108	
Country	USA						
Telephone	(816) 983-8000		Fax	(816) 9	983-8080		
	to change the data associated v Number, use "Request for Cust						ited
I am the:							
Applican	t/Inventor.						
	e of record of the entire interest. nt under 37 CFR 3.73(b) is encl		orm PTC	D/SB/96).			
	y or agent of record.						
	Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number						
Typed or Printed Ky							
Signature Syland Mark							
	(1)/24, 2003	v V					
	inventors or assignees of record e than one signature is required, s			st or their r	epresentative	e(s) are require	d.
* Total of fo	rms are submitted.						

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. Do not send fees or completed forms to this address. Send to: Assistant Commissioner for Patents, Washington, DC 20231.

JUN 2 5 2002

GP#2161 # 2 BT

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service on June 19, 2002 with sufficient postage as first class U.S. mail addressed to the Assistant Commission of Patents, Washington, D.C.

Jason E. Gorden

RECEIVED

JUL 01 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GROUP 3600** 

**APPLICATION OF:** 

Marc VIANELLO

Serial No.: 10/101,644

Filed: March 19, 2002

Atty Docket No.: 15703-100 RECEIVED

Art Unit: 2161

JUL 0 1 2002

Examiner: Not Yet Known gennal cantar 2100

FOR: APPARATUS AND METHODS FOR PROVIDING CAREER AND EMPLOYMENT

IUL 0 8 2002

**SERVICES** 

Assistant Commissioner of Patents Washington, D.C. 20231

#### INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. § 1.97(b), Applicants respectfully submit the listed information items on the enclosed Form PTO-1449. A copy of each of the items listed on the Form PTO-1449 is enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Applicants respectfully request that the Examiner consider the information items, initial the Form PTO-1449, and return a copy of the form to the undersigned.

Appln. No. 10/101,644

To the undersigned's knowledge, this submission under 37 C.F.R. § 1.97(b) is being made prior to the mailing of a first Office Action. Accordingly, the undersigned does not believe any fee is due in connection with this submission, nevertheless, should any additional fee be due, please charge it to Deposit Account No. 11-0160.

Respectfully submitted,

June 19, 2002

Date

Jason E. Gorden, Reg. No. 46,734

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ATTORNEYS FOR APPLICANT

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			I IDICIAI (I	First Named Inventor	Marc VIANELLO	
				Group Art Unit	2161	
	(use as many sheets as necessary)			Examiner Name	Not Yet Known	
Sheet	2	of	2	Attorney Docket Number	15703-10002	

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
2	-	CLYDE et al, An Object Oriented Implementation of an Adaptive Classification of Job Openings, IEEE, pp 9-16, Feb. 1995	
R		BELANGER et al., Employment Interview Information Available Online vol. 10 No. 1, Online Reviews, pp. 45-56, Feb. 1996	
B		DOLAN et al, Top US Sources for an Online Job, Database, pp. 35-43, Nov. 1994	
0		SULLIVAN, Kristina B., Vendors to Push Multimedia Wares at CD Roms Show, PC Week, p. 28, Oct. 1991	RO
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Ob		CHABROW, Eric; Online Employment, pp. 38-40, Jan. 1995	0
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		RILEY, Resume Databases on the Internet, The Riley Guide, pp. 1-5, 1995	
00		MCI Communications Corporation, "MCI, Job and Resumes posting related information	
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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this from with yext communication to applicant.

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		U.S. Patent Document			Pages, Columns, Lines,
Examiner nitials*	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
K		5,164,897	CLARK et al.	11/17/92	
182		5,832,497	TAYLOR	11/3/98	
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-00-		5,283,731	LALONDE et al.	2/1/94	
(HZ)		5,416,694	PARRISH et al.	5/16/95	
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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Document. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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UTILITY PATENT APPLICATION **TRANSMITTAL** 

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 15703.10002

First Named Inventor or VIANELLO, Marc Application Identifier

APPARATUS AND METHODS FOR PROVIDING CAREER AND EMPLOYMENT SERVICES

Express Mail Label No.

EL 929718282 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application  Washington, DC 20231
*Fee Transmittal Form     (Submit an original, and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  Specification     [Total Pages [151]]     (preferred arrangement set forth below)     - Descriptive title of the Invention     - Cross References to Related Applications     - Statement Regarding Fed sponsored R&D	6 [ ] Microfiche Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies
- Reference to Microfiche Appendix - Background of the Invention	ACCOMPANYING APPLICATION PARTS
Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  4. Drawing(s) (35 USC 113)	-in-part (CIP) of prior application No:  f the prior application, from which an oath or declaration is supplied under uation or divisional application and is hereby incorporated by reference.
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# **FEE TRANSMITTAL** for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

3139.00 (\$)

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First Named Inventor	VIANELLO, Marc		
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METHOD OF PAYMENT	FEE CALCULATION (continued)			
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FEE CALCULATION	Examiner action			
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Total Claims 197 -20** = 177 x 9.00 = 1593.00	143 460 243 230 Design issue fee			
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## APPARATUS AND METHODS FOR PROVIDING CAREER AND EMPLOYMENT SERVICES

### FIELD OF THE INVENTION

This invention relates to network connected information systems, and, more particularly, to network connected information systems providing data processing applications in connection with optimizing individuals' employment searches and career opportunities, and optimizing employers' recruiting and hiring processes and decisions.

#### BACKGROUND OF THE INVENTION

Finding and hiring highly qualified employees or talent for specific jobs is one of the most important objectives an employer undertakes. In furthering the employer's objective of hiring the best possible employees, an employer would ideally have access to detailed information regarding as large a pool of talent as possible and the pool of talent would include prospective employees who are highly qualified for the particular job that the employer seeks to fill. Without such information, a great deal of time and expense is often expended by employers in connection with their recruiting and screening functions, while, nevertheless, achieving unacceptable results.

Traditionally, employers have found potential talent among new school graduates through school-related job counseling resources, in response to classified advertisements for particular jobs, referrals from existing employees, and through the use of third-party recruiters ("headhunters"). Each of these alternatives is inefficient, and some are costly, as well. Furthermore, employers' articulation of the skills they seek to hire are imprecise. Typically,

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school-related job counseling resources, classified advertising, and word-of-mouth referrals deal in generalities.

When an employer seeks to hire an experienced employee, the pool of talent, within which a search is conducted, is often limited to individuals who have already worked in a particular job within a particular industry. Although it may be meritorious that a prospective employee has current or prior experience in a particular job within a particular industry, individuals with experience in other jobs within other industries may possess the particular skills that an employer requires for a particular job. Yet there exists no efficient means for identifying such individuals in other fields who may possess the precise skills sought by the employer. Consequently, an employer's employment recruiting and hiring processes and subsequent operations would be greatly enhanced if the employer could efficiently and cost-effectively identify highly qualified talent both within and without the industry and occupational categories of the employer.

Another employment problem faced by employers is that they often do not know when a particular employment position may become vacant. Specifically, while it is a business courtesy to provide two weeks notice of termination of at-will employment, employees occasionally terminate employment with less than two weeks notice. Additionally, it may occur that an employee may be terminated for a reason necessitating less than two-weeks notice, and injury, illness, or death may cause an employee to become unavailable to perform his or her job function. Further, even if a full two weeks is available to hire a replacement employee, frequently two weeks is not enough time to hire a person, particularly for skills that are in high demand.

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Another problem faced by employers is that they may stop searching for more highly skilled employee(s) than they have, if an employment position is currently filled. Consequently, an employer's recruiting and hiring processes, and subsequent operations, would be greatly enhanced if the employer could efficiently and cost-effectively identify highly qualified talent on a continuous basis. Accordingly, there is a need in the art for a practical continuous recruiting system.

Another employment problem faced by employers is that there is no uniformity among employers in how they communicate the requirements, compensation, and benefits of their employment positions to the public. As a result, it is difficult for talent to efficiently and cost-effectively identify the universe of employment positions for which their skills may be suited. Consequently, an employer's recruiting and hiring processes, and subsequent operations, would be greatly enhanced if the employer could efficiently and cost-effectively communicate detailed information about the skills and experience they require, and the compensation and benefits they offer, in a structured manner that facilitates the search by talent for optimal employment opportunities.

At the same time that employers are encountering difficulty in identifying highly qualified employees ("talent") to fill specific employment positions, talent is struggling to find the employers and employment opportunities that best match the talent's skills and objectives.

For talent, establishing and developing a career involves finding, researching, and targeting employers. Traditionally, talent has used the same sort of inefficient means to find employment opportunities as employers have used to find talent. Talent has generally relied on school placement resources, replying to classified advertisements, and word-of-mouth referrals from persons who may already be employed by a particular employer, a process that is as

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inefficient for talent as it is for employers. And traditionally, talent has relied on résumés to present their qualifications, yet there is no uniformity of résumés among talent. Talent generally must "tailor" their résumés to respond to particular employment opportunities, and talent may have only a limited understanding of the skills being sought by a particular employer. As a result, résumés are often unwieldy devices for employers to consider.

Also, it may be difficult for talent to determine which employers to target for potential employment, and which potential opportunity represents the optimal use of their skills. Accordingly, talent can waste much time and energy trying to find the right position and may, nevertheless, fail to find an optimal position.

Furthermore, it is difficult for talent to identify an appropriate format for expressing his or her skills to an employer. It is also difficult for talent to know what types of information to share with a prospective employer. Consequently, it is advantageous for talent to have the ability to maintain his or her résumé, including a detailed description of training, skills, and experience in a uniformly structured manner on both a current and cumulative basis (a "talent profile").

Even when a person is employed in a desirable position, economic or other circumstances may cause the unexpected termination of his or her employment. Specifically, talent may be laid-off or terminated at an unanticipated time. Even if a talent is not terminated, economic conditions may cause his or her employer to go out of business. In some circumstances, talent will be provided with adequate notice or severance pay to allow for adequate time to seek other employment in the event of undesired termination. However, in some circumstances, there is inadequate time. Accordingly, there is a need in the job placement industry for systems that allow talent to be continually in the job market or at least ready to enter the job market on short notice.

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Known methods of recruiting include the process by which a manager will prepare a job description, and send the description to a human resources ("HR") department, which may check its files of résumés to determine if a qualified applicant has previously contacted the company. The HR department may also consider qualifications of internal candidates, and finally, the HR department may place a classified ad in a newspaper or trade publication. The company may also retain the services of a professional recruiter, who may have connections with suitable talent. In addition to classified ads in printed publications, other media may be used to publish advertisements for talent.

As distributed computer networks such as the Internet have become widely used, it has become possible to provide classified employment ads to mass markets via on-line databases and publications. Most major newspapers now have on-line editions that may be used to search classified ads for job positions. For example, the employment classifieds of the Kansas City Star newspaper may be searched on line at <a href="http://www.kansascity.com">http://www.kansascity.com</a>.

Such on-line databases provide convenient access by employers to an audience that is potentially beyond the scope of coverage of subscribers to the printed newspaper. The on-line databases also have an advantage to talent in that talent is better able to search for jobs by geographic location or keyword. Of course, both of those features are present in regular newspaper classified advertising. Nevertheless, on-line databases of classified ads share the same major drawbacks as printed classified ads. First, both are highly unstructured and without uniformity of job parameters. Second, both solicit highly unstructured résumés without uniformity from prospective job candidates. Third, both involve the placement of advertising in exchange for an up-front payment obligation by the employer/advertiser.

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Because a cost is associated with posting a classified ad, there is an economic disincentive for employers to post jobs other than those for which there is a current (or currently expected) vacancy. Furthermore, the classified advertising model employed by newspapers and existing on-line employment sites attracts almost exclusively jobs for which there are current (or currently expected) vacancies. Accordingly, many fewer jobs are advertised than actually exist, and because much of the talent that is currently employed are not continually looking, the jobs that are advertised attract a much smaller pool of highly qualified talent than actually exists. This situation is bridged at significant cost to employers by their use of headhunters who recruit currently employed persons who may be willing to change jobs for a better opportunity, but are unwilling to continuously bear the burden of the search effort.

For employers with on-going recruiting and employment problems, the inefficiencies of existing mediums of finding the best, and, in many cases, sufficient talent for a job is a serious problem that contributes to on-going operational inefficiencies. Likewise, for talent who would like to have access to the complete picture of available jobs, the economic disincentive placed on employers to provide information about all of their jobs is a serious problem that diminishes talent's ability to optimize his or her career.

For employers, the classified ad system allows a company to develop a group of résumés of persons who have responded to ads. Employers may also consider classified ads placed by talent, indicating that they are available for employment. However, there is a similar economic disincentive for talent to pay for publication of a classified ad. Further, this combined group of talent résumés is small in relation to the potential universe of talent, and it does not provide an employer with the detailed and comprehensive information necessary for employers to select an ideal candidate.

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Other recruiting systems are basically improvements to the newspaper-based classified ad system. Several improvements have been proposed and implemented. Specifically the Monster.com job board, which may be found at <a href="https://www.monster.com">www.monster.com</a>, collects résumés and allows posting of classified employment ads. Systems like Monster.com represent an improvement to the traditional classified ad system, in that these types of bulletin boards collect résumés for free. Nevertheless, the posted jobs are essentially searchable classified ads, and the résumés posted on Monster.com are not searchable without payment of a significant fee. Again, this places an economic disincentive on employers to search out the best qualified candidate for a job.

The Monster.com site indicates that it is covered by U.S. Patent No. 5,832,497 to Jeffrey C. Taylor ("the Taylor patent" or "Taylor"). The Taylor patent describes a system for managing classified employment ads, using of two databases to store information about résumés and about jobs.

Taylor discloses providing job industries, company identifiers, job disciplines and job titles. Taylor describes using a password system to specify who has access to the job records for the purposes of adding, changing, and deleting job records. Employer-users are charged for contact information on applicant users. Fees are structured as a basic subscription charge allowing a predetermined number of accesses, with a predetermined fee associated with each access above the predetermined number of accesses.

Several other on-line job sites collect information about applicants and provide this information to prospective employers in various ways; however, these systems suffer from drawbacks similar to those of the Taylor patent. Specifically, HotJobs.com, Ltd. (www.hotjobs.com) allows a user to choose a city and also to specify a corresponding

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metropolitan area. Using HotJobs, a user can search for a job in New York, for example, and find jobs in nearby cities, without knowing the names of the other cities.

To use the HotJobs site, a job search user first registers by providing his or her E-mail address and a password. Next the job search user is prompted to either paste in the text of an existing résumé or to answer a set of questions that will provide for the automatic generation of a résumé. In addition to asking questions pertinent to the résumé, the HotJobs system asks job search users about the types of jobs they are seeking, whether they are willing to relocate, and whether they would like their résumé to be searchable by employers and/or recruiters. If the job search user elects not to allow his or her résumé to be searchable, the résumé will only be accessible by those employers that the job search user specifies by using a process described below. An arbitrary job search user of the HotJobs web site may search all of the posted jobs. By registering and creating a résumé, the job search user can apply to any of the posted jobs.

Like Monster.com, HotJobs.com charges for posting jobs. Therefore, the same economic disincentives are placed on employers that would use the HotJobs system as is placed on employers that would the Monster system.

Accordingly, known on-line job advertising systems represent only minor improvements over the traditional newspaper-based employment classified advertising system. And the known on-line job advertising systems retain the significant economic limitation of being based on the newspaper employment classifieds paradigm. The services charge employers for posting their jobs, just as in the newspaper model, and then they charge fees for merely having the ability to search through the database of talent résumés.

Because the pay-to-post and subscribe-to-search systems impose upfront economic barriers on employers, the systems have the disadvantage of providing a disincentive for all

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employers to post all of their jobs. Further, when talent knows that only a subset of available jobs are posted and that employers are charged to search résumés, talent will not be optimally motivated to use the career site.

In order to avoid the economic barriers presented by traditional print and on-line media to the comprehensive posting of employment opportunities, some employers have established employer-owned Internet sites wherein they list some or all of their employment positions. Such sites, to the extent that the employer has listed all of its employment positions, can provide a prospective employee with a comprehensive view of opportunities with that employer, but not with any other employer. Therefore, while employer-owned sites avoid the economic barriers of classified advertising, they do so at another cost – the loss of broad exposure to the available pool of prospective employees, most of whom are unaware of the employer-owned sites.

While the Internet theoretically allows an unlimited number of prospective employees to visit an employer's web site to view potentially all of such employer's positions at little or no cost to the employer, that benefit is accomplished via the transfer of economic burden to the prospective employee who must search countless employer sites hoping for a comprehensive view of employment opportunities. Some people have attempted to reduce the cost-transfer defect of employer-owned sites by creating "collector" sites that electronically link to various employers' separate sites. Such collector sites are mere conduits that may attract incremental attention from prospective employees, but do little, if anything, to ultimately eliminate the economic burden that is shifted to prospective employees. This is because the employers continue to post their employment positions to their separate sites. Under such collector systems, the prospective employee must still periodically visit each site in order to acquire a comprehensive up-to-date view of the market place of employment opportunities. That burden

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imposes substantial economic costs on the prospective employee due to the significant time inefficiencies entailed.

Accordingly, a system is needed that does not have the limitations of existing systems, and that encourages the participation of all employers and all talent in an economically efficient, on-going process of optimizing the use of available skills.

#### **BRIEF SUMMARY OF THE INVENTION**

Systems, methods, distributed networks, and computer-readable media are provided that relate to employment services. Background information associated with talent-capability attributes is received from talent in a structured format. Job description information is received from employers in a structured format. Prospective matches are identified between employers and talent, and employers and talent are given an opportunity to mutually consent to the exchange of talent contact information. In one embodiment, after such mutual consent has been granted, a financial transaction is consummated wherein the employer pays a fee to the career site operator.

In one embodiment, skills descriptions are received from talent. In one embodiment, mutual consent is indicated by a request for an interview and an acceptance of a request for an interview. In one embodiment, follow up surveys to employers and talent are used to provide feedback to career site participants.

In one embodiment, employers provide information regarding multiple divisions, including geographical and access scope information.

In one embodiment affiliate marketing arrangements are utilized to promote use of the career site. In another embodiment, wholesale marketing techniques are employed. In yet

another embodiment, a multi-level retail marketing system is applied to develop employer participation in the career site.

#### BRIEF DESCRIPTION OF THE DRAWINGS

These and other inventive features, advantages, and objects will appear from the following Detailed Description when considered in connection with the accompanying drawings in which similar reference characters denote similar elements throughout the several views, and wherein:

Fig. 1 shows a schematic block diagram of a network in which information systems consistent with the present invention may be practiced;

Fig. 2 is a schematic block diagram representing interrelationships between databases consistent with the present invention;

Fig. 3 is a flow diagram representing an unauthenticated user or interacting with a career site consistent with the present invention, and a talent interacting with a career site consistent with the present invention;

Fig. 4 is a flow diagram representing a process whereby talent searches for and selects jobs and whereby it is determined if talent has the minimum qualifications established and required by the employers for the job(s) that talent has selected, the processes being performed in connection with talent interacting with a career site in operating in a manner consistent with the present invention;

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Fig. 5A is a flow diagram representing a series of talent-initiated processes for gathering governmentally regulated information about a talent in a manner consistent with the present invention;

Fig. 5B is a flow diagram representing a series of employer-initiated processes for gathering governmentally regulated information about a talent in a manner consistent with the present invention;

Fig. 6A is a flow diagram representing a talent-initiated process for collecting information pertaining to protected classes of employees, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 6B is a flow diagram representing an employer-initiated process for collecting information pertaining to protected classes of employees, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 7A is a flow diagram representing a talent-initiated process for determining the eligibility of talent to be employed in certain jobs requiring U.S. citizenship, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 7B is a flow diagram representing an employer-initiated process for determining the eligibility of talent to be employed in certain jobs requiring U.S. citizenship, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig 8 is a flow diagram representing a process performed in connection with an unauthenticated user interacting with a career site consistent with the present invention, and an employer interacting with a career site consistent with the present invention;

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Fig. 9 is a flow diagram representing a series of processes performed in connection with an employer interacting with a career site consistent with the present invention;

Fig. 10 is a flow diagram representing an employer-initiated process whereby an employer searches for and selects talent profiles for the purpose of establishing talent interest in the employer's employment opportunity using a career site in operated in a manner consistent with the present invention;

Fig. 11 is a flow diagram representing an employer-initiated process for determining whether talent is interested in the employer's employment opportunity in a manner consistent with the present invention;

Fig. 12 is a flow diagram representing the purchase of talent contact information by an employer in a manner consistent with the present invention;

Fig. 13 is a flow diagram representing the payment of referral fees and commissions for a career site operated in a manner consistent with the present invention;

Fig. 14 is a flow diagram representing a procedure whereby additional information about talents' and employers' employment decisions is gathered subsequent to the release of talent contact information to a prospective employer in a manner consistent with the present invention;

Fig. 15 is a schematic block diagram representing the relationship of trade associations to talent, employers and a career site in a system consistent with one embodiment of the present invention;

Fig. 16 is schematic a block diagram representing the relationship of educational institutions, professional associations, and labor unions to talent, employers and a career site in a system consistent with another embodiment of the present invention;

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Fig. 17 is a schematic block diagram representing the relationship of wholesalers to trade associations, professional associations, educational institutions, labor unions, employers, talent, and a career site in a system consistent with yet another embodiment of the present invention; and

Fig. 18 is a flow diagram representing the relationship of multiple levels of retailers with a career site in a system consistent with a further embodiment of the present invention.

#### **DETAILED DESCRIPTION**

Referring to the drawings in greater detail, Fig. 1 shows a block diagram of an embodiment of a network in which information systems consistent with the present invention are practiced. Computers 110 represent client computers that are used by talent, employer-users, and other users and administrators of career systems consistent with the present invention. Client computers 110 are of any type of data processing system capable of interacting with a network based application, including conventional personal computer ("PC") type computer systems that are available from companies such as Hewlett-Packard Company and Dell Computer Corporation, employing an operating system such as, for example, the Linux operating system (which is available from companies such as Red Hat, Inc.) or the Windows operating system (which is available from the Microsoft Corporation). Alternatively, computers 110 utilize a UNIX platform such as those available from Sun Microsystems and Silicon Graphics Inc. or the type of computer sold under the trademark Macintosh<sup>TM</sup> by Apple Computer Corporation.

In alternative embodiments client computers 110 may also be implemented using other types of computing platforms including thin clients, such as, for example, network computers or

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using personal digital assistants ("PDA"), such as, for example, the iPAQ<sup>TM</sup> from Compaq Computer Corporation, or the Palm Pilot<sup>TM</sup> from Palm, Inc.

Network 120 represents a network, such as, for example, the Internet, which is an interconnected network of other networks, including local area networks ("LANs"), wide area networks, ("WANs"), wireless networks, the public services telephone network ("PSTN") or any other network capable of transmitting and receiving digital information.

Through the network 120, client computers 110 may interact with network applications such as career site application 140. In one embodiment, the career site application 140 comprises a web server 150 such as, the Apache web server available from the Apache Software Foundation, or the Internet Information Server ("IIS") available from the Microsoft Corporation. In one embodiment, web server 150 provides application specific information to client computers 110 based on information associated with a database server 170. Application information is structured based on business logic contained in an application server 160. E-mail server 142 operates in connection with the web server 150 to facilitate sending and receiving of E-mail messages. Alternatively, each of the E-mail server 142, the web server 150, the application server 160, and the database server 170 may be implemented in various ways, including as three separate processes running on three separate server computer systems, as processes or threads running on a single computer system, as processes running in virtual machines, and as multiple distributed processes running on multiple computer systems distributed throughout a network. In one embodiment, multiple servers corresponding to the Email server 142, the web server 150, the application server 160, and the database server 170 are used. In this embodiment, conventional load balancing techniques are employed to balance network load between the multiple servers.

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In one embodiment, application server 160 is a ColdFusion™ application server available from Macromedia, Inc. In this embodiment, when one of client computers 110 requests a web page from web server 150, a request is transmitted through web server 150 to application server 160, where the request is processed and data requested from database server 170 as necessary. Upon processing of the request a response is prepared and returned to one of client computers 110 via web server 150.

Computer systems such as web server 150 and application server 160 include memories in which information resides. These memories may be either non-volatile, as in the case of flash electrically erasable programmable read only memory, or volatile as in the case of random access memory.

#### I. CAREER SITE OVERVIEW

In one embodiment a career site is provided in connection with a web site running on a web server such as web server 150 of Fig. 1. Users wishing to search jobs or talent profiles on the career site do not have to register to gain access to a subset of features on the career site. In one embodiment, when a career site is operated as a business, a fee is generated when an employer elects to purchase contact information corresponding to a talent profile. Consistent with the invention, there is no risk to an employer by listing its jobs on the site because, unlike a typical classified ad, there is no fee associated with listing jobs on the career site. Further, a participating employer pays nothing until it identifies talent having an appropriate set of skills and experience, and the talent has expressed interest in the employer.

In one embodiment, the amount of the fee paid by an employer to the career site before obtaining contact information is related to the educational level of a particular talent. In this

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embodiment, the structured system of recording educational levels in the talent profile is used in connection with accounting aspects of the career site. For example, in one embodiment, the charge for talent contact info is mapped to the highest education level as follows: (i) GED costs \$30; (ii) high school costs \$40; (iii) vocational educational training costs \$50; (iv) associate's degree costs \$50; (v) bachelor's degree costs \$65; (vi) master's degree costs \$80; and (vii) doctorate costs \$100. In another embodiment, a flat fee, such as, for example \$50 is charged for all talent contact information regardless of education level or required compensation. In another embodiment, the price of contact information is related to the maximum offered compensation of the employer and is independent of educational level. In yet another embodiment a combination of factors is used in determining the cost of contact information, including for example, education level and the intersection of required and offered compensation.

Any employer that wishes to add job descriptions to the job database may do so without incurring any costs payable to the career site operator for such additions to the job database. In one embodiment, an employer that requires the assistance of the career site operator in entering its jobs in the career site databases may be required to pay fees for such assistance, but an employer's use of such assistance is at the employer's discretion. Consequently, the ability to avoid the economic barriers represented by the existing models of searching for prospective employees removes the disincentive to posting all of an employer's jobs that is found in classified advertising based systems.

Since employers may comprehensively post any number of jobs for free, the career site may be considered a continuous recruiting system. As a result, employers may efficiently, effectively, and at low cost optimize the pool of skills represented by their personnel. And the resulting comprehensive listing of jobs, encourages talent to post and maintain, throughout their

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career life, a talent profile that enumerates and describes talent's specific skills and qualifications in order to match as often as possible the skills defined by employers in any number of job listings. Because talent profiles are exposed on a continuous basis to comprehensive listings of jobs by a potentially comprehensive pool of employers, the career site may be considered a continuous employment search and continuous career enhancing system.

The arbitrary user of the invention may search job listings and talent profiles for free.

While it is common for job seekers to be able to search advertised jobs of multiple employers for free on various commercial media, and to be able to search jobs of individual employers for free on separate employer-owned on-line sites, nowhere may job seekers search a comprehensive database of freely-listed employment opportunities that is unimpeded by the transaction cost of advertising. And employers that want to search résumés face even more hurdles. In the case of print media, résumés cannot be searched; in the case of current on-line systems, résumé searches are typically subject to subscription and other fees. Accordingly, there is a need in the art for practical and inexpensive ways for employers to search for résumés.

Consistent with the present invention, talent profile searches yield results that do not include either the talent's contact information or the name of talent's current employer. Therefore, applicants need not be concerned that their information is available to be searched. Additionally, since one of the fields in a talent profile allows an applicant-user to specify that he or she is currently content with his or her position, talent need not be concerned that posting a talent profile may place talent's current employment at risk in the unlikely event that the talent's current employer may happen upon talent's profile and recognize it. In one embodiment, talent profiles are always active. In another embodiment, talent profiles are always active unless rendered inactive for failure to respond to requests for interviews.

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In an alternative embodiment, a talent is provided an opportunity to disable his or her talent profile. In this embodiment, if a particular talent profile is disabled the talent résumé will not be provided to employers, and the talent will not receive messages regarding requests for interviews.

When an employer is seeking talent and searches the talent database for a person with a predetermined level of training, skills, and experience, and finds one or more suitable talent profiles, the employer becomes the initiating party to the ensuing transactions. When a talent is seeking employment and searches the database for a desirable employment position, the talent becomes the initiating party to the ensuing transactions.

Next the system compares the parameters of the talent profile and the job listing involved in the initiating party's inquiry, including comparing the minimum required compensation of the talent with the maximum provided compensation of the job position. If the parameters do not match or overlap, the initiating party is told that the parameters (for example compensation requirements) do not match. The initiating party may then be offered an opportunity to change parameters and to try the comparison again.

In one embodiment, if talent-initiator attempts to apply for a job listing having a minimum compensation expectation that exceeds the employers maximum, a message is sent to the applicant stating that "Your minimum compensation expectation exceeds the employer's maximum, and, therefore, we have not forwarded your profile to the employer. Would you like to change your compensation expectation?" In this way, for example, if talent discovers that his or her expectations are not matched with the current set of posted jobs the talent has an opportunity to adjust compensation requirements. Similarly, an employer-initiator may become interested in a talent profile exhibiting a particular set of training, experience, and skills, but the

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minimum compensation expected by the talent may exceed the maximum compensation that the employer has defined for the job it seeks to fill. In such a circumstance a message is sent to the employer informing it of that fact, whereupon the employer may decide to increase the maximum salary range or to make a new inquiry pertaining to a different talent.

In one embodiment, if a talent is notified that his or her minimum required compensation is too high and declines to lower his or her minimum, the corresponding employer is notified that talent are considering the employer's job descriptions and electing not to lower their minimum requirements. In this way, employers are provided an opportunity to raise the maximum compensation, even in situations in which a talent is the initiating party.

In an employer initiated process, when an employer declines to increase its maximum compensation in response to a message that it is too low for talents' minimum requirements, the employer-identified talent are notified of the failed match and that an anonymous employer has declined to increase maximum compensation. Then, talent is provided an opportunity to lower their minimum requirements. In this way, an initial, anonymous salary negotiation can take place to facilitate employer and talent matching.

Mutual interest is the basis for facilitating the exchange of contact information between talent and an employer. Once an internal matching has occurred in response to an action by an initiating party, the non-initiating party must consent before the release of talent's contact information.

When a talent is the initiating party, the talent, by initiating the process, grants his or her consent to provide contact information in the event that the employer wishes to purchase the talent's complete talent profile. If the employer expresses interest in pursuing the recruiting opportunity, the transaction is completed, each party is notified, the talent's contact information

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is transmitted to the employer, and the employer contacts the talent. In one embodiment, an employer that declines a talent-initiated employment inquiry is presented with a survey requesting reasons why the employer declined. Reasons may include, for example, talent's lack of experience. Responsive e-mails or other communications are then presented to the talent about why the employer declined the talent's inquiry. In one embodiment, if the employer does not respond to the initial inquiry or to the subsequent survey, the talent is informed, "The employer corresponding to the job that you selected declined to pursue your inquiry. No reason was stated."

When an employer is the initiating party, the employer indicates its consent to purchasing the complete talent profile in the event that the talent is interested in the employer's employment opportunity. If the talent is interested in pursuing the employment opportunity, the transaction is completed, each party is notified, the talent's contact information is transmitted to the employer, and the employer contacts the talent. In one embodiment, a talent that declines interest in an employer-initiated employment opportunity is presented with a survey requesting reasons why the talent declined the employment opportunity. Reasons may include, for example, geographic location. Responsive e-mails or other communications are then presented to the employer about why the talent was not interested in the employer's employment opportunity. In one embodiment, if the talent does not respond to the initial inquiry or to the subsequent survey, the employer is informed, "The talent that you selected declined your employment opportunity. No reason was stated."

Feedback is useful for several reasons. For example, it allows talent to develop a realistic understanding of the types of skills and qualifications for which employers are looking and the compensation and benefits that employers are willing to provide; allows employers to assess the

adequacy of their compensation packages and other aspects of their employment of their employment environment; and removes or reduces the uncertainty associated with rejection by the non-initiating party, or that may accompany waiting for a response from the non-initiating party when it is unclear whether the lack of a response indicates a delay in processing or a rejection.

Transmission of contact information may be carried out in various ways, including presenting the information via an authenticated web page, electronic mail, facsimile, or any other convenient medium for communicating contact information.

Job listings that are presented by employers are different from classified ads. In one embodiment, job listings are similar to the employers' internal human resources job descriptions.

Although job information may be entered manually, one embodiment consistent with the present invention allows electronic exchange of such information from separately maintained human resource databases directly into career site databases. This process is facilitated and optimized by the structured nature of the career site databases.

In one embodiment, the career site receives precise talent profile information including a uniformly described college degree, with major and minor degree programs. In one embodiment, employer job listings are associated with a database of more than 31,000 occupations. In one embodiment, the occupations database includes information that can be obtained from the U.S. Department of Labor at http://www.oalj.dol.gov/libdot.htm.

In one embodiment, some of the talent profile information, for example, talent's current employer or current compensation is not disclosed to employers unless they purchase a complete talent profile. In one embodiment, talent profile information may include information that may be disclosed to employers only under special circumstances. For example, citizenship

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information may be optionally collected from a talent, so that if the talent wishes to apply for a position requiring a particular citizenship status, he or she will be able to automatically provide that information. In many cases, however, it is inappropriate for an employer to consider citizenship in its hiring decisions, because such consideration may lead to discrimination on the basis of national origin. Accordingly, a career site, consistent with the present invention will provide citizenship information only in circumstances in which it would be appropriate for an employer to consider the information.

Similarly, Federal Law and Executive Order require certain employers to collect and analyze race and gender information of all applicants to ensure that impermissible discrimination is not taking place. Accordingly, career sites consistent with the present invention have the ability to optionally collect information from talent regarding race and gender information. In one embodiment, race and gender information is provided to the employer at the time the employer makes the hiring decision, but the employer agrees not to use the information to unlawfully discriminate in any way. Furthermore, after hiring decisions are made, and on a predetermined interval, such as, quarterly, race and gender information on an individual basis is provided to the employer for a fee. In this way, employers may inexpensively comply with legal requirements, have adequate information to prevent discrimination, and document that non-discriminatory practices are in fact compliant.

In one embodiment, the career site inquires about a talent's licenses and certificates, such as for example, Licensed Practical Nurse, or Certified Public Accountant. In another embodiment, the career site asks about professional accomplishments. In a further embodiment, the career site asks about a talent's English and foreign language skills. In an additional embodiment, the career site asks about a talent's professional associations. In another

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embodiment, the career site asks about the educational institution(s) attended by the talent, and the talent's field(s) of study, including specialties such as medical specialties. In a further embodiment, a talent is asked to classify his or her current and past employment history according to the North American Industry Classification System ("NAICS") and the Dictionary of Occupational Titles ("DOT"). These detailed questions provide a better understanding of a talent's experience than merely asking about what an applicant did in his or her prior positions. Further, the system allows input of educational and professional awards, professional recognitions, and honors that talent has received.

Additionally, in yet another embodiment, the career site is designed to receive skills information from a talent. By allowing a talent to describe skills organized in a structured manner, a talent has the ability to manage and to achieve optimal future employment by comprehensively collecting data on his or her marketable attributes. Further, the skills information provided by a talent is in a format that distinguishes itself from mere conclusory statements of skill, such as, for example, "highly skilled in Russian language." Instead, the talent is asked to (i) identify a skill among various skills set forth by the DOT that constitute analytical, communications, and mechanical skills; (ii) explain how the skill was acquired; and (iii) explain how the skill helped the talent perform his or her employment duties in a better fashion. By describing skills as identified above, it is clear how the person has acquired and utilized the particular skill, which allows an optimal evaluation of talent.

a powerful cumulative database management system for talent and employers alike. For talent it is a cumulative skills management system that a talent can maintain over the talent's lifetime and

that can be used to cumulatively describe: (i) educational programs, including educational

Methods, systems, and distributed networks consistent with the present invention provide

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institutions, levels of education, fields of study, and specialty fields of study; (ii) employment positions, including employer names and prior job descriptions that are cross-indexed to the NAICS, and the DOT; (iii) licenses and certifications; (iv) languages; (v) analytical skills that are cross-indexed to the DOT; (vi) communications skills that are cross-indexed to the DOT; (vii) mechanical skills that are cross-indexed to the DOT; (vii) professional affiliations; (ix) professional references by employment position; (x) professional accomplishments; (xi) personal references; (xii) personal accomplishments; and (xiii) other relevant cumulative items associated with the constantly evolving attributes associated with a person's actual experiences.

For employers, the management system is a cumulative human resources recruiting and management system that enables management of: (i) employer-account users corresponding to various employer human resources recruiting and management functions; (ii) the recruiting needs of divisions or business units within the enterprise; (iii) the recruiting needs of employment positions, cross-indexed to the DOT, including current open positions, and if desired all employment positions within the company; (vi) recruiting pay scales; (vii) benefits programs; (viii) self-identification and reporting requirements of race and gender of applicants to document effective non-discrimination policies of the employer; (ix) reporting of the self-identification data if required by regulators; (x) jobs requiring U.S. citizenship; (xi) the number of filled and unfilled employment positions; (xii) the skills required for each employment position; and (xiii) other human resources recruiting and management functions.

Because a talent classifies each of his or her employers by industry and dates of employment, methods, systems, and distributed networks can be configured to aggregate relevant portions of the talent's work experience in any tier of an industry using NAICS codes that are a part of the industries database consistent with the present invention. Further, because a talent

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classifies each of his or her employment positions by occupation and dates of employment, the talent's work experience in any tier of occupations can be aggregated using the DOT codes that are a part of occupations databases consistent with the present invention.

Additionally, by using structured data corresponding to analytical, communications, and mechanical skills that are a component part of the DOT classification system, employers have the ability to search occupational titles other than the particular occupational title associated with a particular employment position for skills similar to those required for the particular employment position. Identifying target skills found in other occupational titles may, optionally, be based on the primary analytical, communication, and mechanical skill required for each occupational title, but may include skills other than the primary skills, and in any combination.

Because the analytical, communications, and mechanical skills that the career site requests talent to describe correspond to the DOT codes, employers have the ability to search for relevant skills that a talent described in his or her talent profile.

In one embodiment, employers may search based on a closest metropolitan area. According to this embodiment, a search will match talent residing outside of a particular metropolitan area if the talent's location is nevertheless closer, in terms of cost, distance, or time, to the selected metropolitan area that to any other metropolitan area. In one embodiment, talent may search for employers based on a closest metropolitan area. In an alternative embodiment, the closest metropolitan area feature is not used in connection with U.S. metropolitan areas but is used in connection with metropolitan areas outside of the U.S.

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### A. TALENT

Users may search job listings at no cost without registering with the career site. However, in order to apply for an employment position, a user must have registered as a "talent" and must have posted a talent profile to the career site's talent profile database. In order to post his or her profile to the talent profile database, a talent must (i) select a username and password to prevent unauthorized access to the talent's profile; (ii) provide all required personal information, such as, for example, name, address, phone number, and e-mail address; (iii) provide all required information with respect to at least one school that the talent has attended, such information to include, for example, the name of the school, the talent's graduation status, the talent's level of education, and the talent's primary field of study; and (iv) provide all required information with respect to at least one employment position that the talent has held (or indicate that he or she has never been employed), such information to include, for example, the name of the employer, the dates of employment, the title of the job held, the employer's industry classification according to the NAICS, the occupational classification of the employment position held according to the DOT, a description of the employment position held, and other information relevant to the employment position talent has held. Optionally, talent may enter information describing his or her special skills and abilities such as analytical skills, communications skills, mechanical skills, language skills, licenses and certifications, and professional and personal accomplishments.

In one embodiment, the talent's identity is not discernable to the arbitrary user of the career site. In another embodiment, digital certificates are employed to prevent unauthorized

access to the talent's profile. Authentication and authorization may be performed for a user

account using other methods, including biometrics, smart cards, and tokens.

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After having created a talent profile, a talent may conduct more refined searches of the career site's jobs database, and may apply for jobs on the system.

In one embodiment, once a talent profile is established, the talent may access a message repository similar to an electronic mail box. The repository contains information about jobs sought and the status of the employers' response to the talent's inquiries. The repository also contains information regarding employer inquiries regarding the talent's profile. In each case, the information is linked to a specific job listing, and provides other information such as the current status of each inquiry, the dates of inquiry, and the response by either the employer or the talent depending upon who initiated the inquiry.

In another embodiment, potential matches are automatically suggested to talent based on comparisons with job descriptions seeking talent having attributes similar to those provided in the talent profile.

#### **B. EMPLOYERS**

Users may search talent profiles without registering with the career site. However, in one embodiment, in order to obtain any talent contact information, a user must establish an account as an "employer," and must post at least one job listing to the career site's jobs database. To establish an account, the employer must register with the career site. In one embodiment, the individual establishing the account on behalf of the employer is designated as the "account manager." In one embodiment, the identity of the initial account manager is established when an employer account is created. In one embodiment, another individual may be designated as a substitute or replacement account manager. In one embodiment, the identity of account managers is not discernable to the arbitrary user of the career site.

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In one embodiment, a username and password is selected by or provided to the account manager to prevent unauthorized access to an employer's account. In another embodiment, digital certificates are employed. Authentication and authorization may be performed for a user account using other methods, including biometrics, smart cards, and tokens.

Some employers, especially large enterprises, may wish to allow multiple persons to have access to their account ("account users") to maintain job listings on the career site. Some employers, especially large enterprises, may wish to create multiple divisions of their account to categorize job listings pursuant to the employers' operational divisions. Some employers may wish to allow multiple account users for various divisions, and/or to assign multiple divisions to one or more account users. Accordingly, in one embodiment, the employer-user is asked whether the employer has multiple divisions. If the answer to the multiple divisions question is "No" then all posted jobs for the employer go to a single listing for the employer. If the answer is "Yes" then the employer may designate separate divisions, which correspond to the employer's separate business units, facilities, offices, departments, etc., and which may be separate legal entities such as subsidiaries. In this way an employer more effectively manages its jobs by location, division, or business unit.

In one embodiment, employer division information is structured in a hierarchical manner, beginning with the parent company, which is the employer in whose name the employer account is established. Each subsequent division is categorized, for example, according to Statements of Financial Accounting Standards No. 141 and 142, as: (i) a subsidiary company, which typically corresponds to legal entities at least partially owned by the parent company; (ii) an operating division, which corresponds to plants, product lines, or other constructs identified by an employer as a "division"; (iii) a reporting unit, which is an employer identified segment of an

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operating division; and (iv) a department, which is an employer identified, and separately tracked, segment of a reporting unit. Any number of divisions of any category may be associated with an employer account.

In another embodiment, the employer is asked whether it wants to allow multiple users to have limited access to the employer's account. If the answer is "No," then only the account manager may use the account. If the answer is "Yes," then the account manager may identify multiple account users. In another embodiment, account managers may grant account users access to conduct administrative and recruiting functions for some divisions, and restrict access to other divisions. Further, in one embodiment, employers may grant account users access to conduct administrative and recruiting functions for some job listings, and restrict access to other job listings within the same division. In one embodiment, to accommodate these features, the account manager establishes a username and password for each account user. Ordinarily an employer account manager will have the authority to grant and restrict access to account users.

Once an employer is authenticated, the employer's account manager may access a message repository similar to an electronic mail box. Account users may access message repositories established for them that correspond to the account users' division and job listing assignments. Such repositories contain information about talent sought and the status of such talents' responses to the employer. The repositories also contain information about talent inquiries regarding the employer's job listings. The talent sought and talent inquiries sections of the repositories contain records having information including: (i) employer division(s); (ii) account user(s); (iii) linked job title(s), which provide a connection to the posted job(s), (iv) linked talent profile identifier(s), which provide a connection to blind or complete talent profile(s); (v) dates of inquiry and response; and (vi) current status.

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In one embodiment, when the employer initially creates or later modifies its employer profile, the system asks the employer to classify itself using an industry classification. When an employer indicates that it has multiple locations, divisions, or business units above, the employer is prompted for an industry classification for each of its sub-entities.

In one embodiment, the billing contact for the employer defaults to the first account manager of the employer account. However, the default billing contact may provide information about a different billing contact by clicking on a check box. User interfaces other than the check box may be used to provide instant access to entering an additional billing contact. Billing contacts may be done for the entire enterprise, or assigned on a sub-entity basis.

In another embodiment, when a job listing is created, the employer is asked to (i) classify the job according to the DOT; (ii) describe the various skills required for the job such as educational level, field of study, specialty, and language skills, etc. using the career site's databases; (iii) provide a narrative description of the job; and (iv) provide other information pertinent to the career site's functionality, such as the maximum compensation that the employer has assigned for the job listing, and any regulatory criteria.

#### C. DATA CONTROLS

The career site employs a number of internal controls to insure the integrity of its data. In one embodiment, when a user of the career site inputs a city, the city is checked against a database of geographical information, and if the city is not found, the user is provided with an indication that the city was not present in a comprehensive database of cities. In one embodiment, a city is selected from existing choices by way of a multi-level hierarchical data

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structure, in which the levels include, for example, country, state or province, county or parish, and city.

Additionally the data input system is advantageously constructed so that all input data is checked for upper and lower limits, and that all data is otherwise in conformance with the restrictions of the career site's systems. For example, in one embodiment, postal codes preferably include the appropriate number of digits for the applicable country; geographic areas are cross-checked against the comprehensive database; U.S. phone numbers must be ten digits; foreign phone numbers preferably include an indication that they are not domestic, e.g. by starting with a "+" sign for example; names (such as, for example, city, employer, school, and other types of names existing in the career site databases) are checked against existing names in the various databases; industry classifications, occupational classifications, fields of study, languages, and various licenses and certifications learned by the system are checked against existing data; and information pertaining to analytical skills, communications skills, mechanical skills, and professional and personal accomplishments are collected in a comprehensively structured manner. All of these steps are designed to insure that talent and employers are guided to provide the fullest extent of relevant information, and to insure the uniformity and integrity of data to the fullest extent possible.

In one embodiment, telephone numbers are received in an unstructured manner, without restriction. In this embodiment, application server 160 determines if an international or domestic number has been entered, based on the number of total digits entered. In this embodiment, special characters (i.e. +) are not stored with the phone number field. Special characters may be removed in various places within career site application 140, e.g. in a browser associated with client computer 110 or in web server 150 or in application server 160.

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#### II. DATABASES

Fig. 2 is a block diagram representing interrelationships between data sources consistent with the present invention. In one embodiment, a relational database management system ("RDBMS") may be employed, such as, for example, Oracle9i from Oracle Corporation or SQL Server from Microsoft Corporation. In one embodiment, in connection with an RDBMS, data structures known as tables are used to represent the databases described in connection with the present invention. Data structures other than those used in connection with an RDBMS may be employed. The term database is used herein to merely describe a collection of information.

In one embodiment, information is intentionally structured to minimize variation between data entries. When allowing members of the public to provide information to a computer system, it is advantageous to maintain data in a consistent format. Accordingly, entries representing the same thing are written in exactly the same way, i.e. "New York City" is always "New York City" and not occasionally "NYC." This is because, when categorizing and cross-referencing employers and talent based on certain parameters, having an inconsistent data format will cause the employers and talent to be incorrectly categorized.

Accordingly, it is advantageous to have a comprehensive database of parameters, such as, for example, "fields of study." In one embodiment, a comprehensive set of fields of study is obtained in advance of operating the career site by examining the degree programs of several representative universities. In one embodiment, additional fields of study may be learned by providing a user with an opportunity to enter a different degree under an "other" category, and then auditing the entered degrees to make sure they are not merely a variation of an existing degree. If the degree is found to be legitimate, it is added to fields of study database 217

preserving data consistency for the next person searching or entering such a field of study. The employers 210, educational institutions 215, geography 216, fields of medical specialties 218, languages 219, hospital departments 221, trade associations 222, professional associations and labor unions 223, and licenses and certifications 224 databases are updated in a similar manner.

In one embodiment, benefits database 220 is fixed, in that it does not learn new benefits, but may be modified from time-to-time by the career site operator. However, employers may supplement benefits database 220 with special benefits programs they may have devised, which programs may be designated as applicable to all of the employer's jobs, or limited to specific employer divisions, or limited to specific jobs within specific divisions.

In this way, data integrity is ensured and variations in data entry style are minimized. Data consistency facilitates matches in searching. In one embodiment, it is not necessary to manually type in a category when searching. If a category is not in a drop down list for searching, the category is not in the database of categories.

In one embodiment, data integrity is imposed on industries database 213 by providing a multi-level hierarchical industry tree consistent with the NAICS, which is maintained by the U.S. Census Bureau. As the NAICS is modified by the Census Bureau, the classifications in industries database 213 are updated.

In one embodiment data integrity is imposed on job descriptions in occupations database 214 by providing a multi-level hierarchical job-tree consistent with the DOT, which is maintained by the U.S. Department of Labor. Levels may include, for example, industry classification, occupational category, occupational division, occupational group, and job title. Such a database may be constructed using a relational database model or other types of database

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models including multi-dimensional database models. As the DOT is modified by the Department of Labor, the classifications in occupations database 214 are updated.

In one embodiment, industries database 213 and occupations database 214 are associated with each other.

## A. Industries Database

NAICS, the North American Industry Classification System, is a system for classifying businesses by industry. NAICS is a classification system that is constructed based on economic principles. In NAICS, economic units that use like processes to produce goods or services are grouped together. NAICS is a replacement for the Standard Industrial Classification ("SIC"), which had been used in various versions since the 1930s. NAICS is a six-digit system that provides for increased flexibility over the old SIC codes.

Consistent with the present invention, coded, labeled, and described industry and sub-industry entries are structured into five tiers. For example, code 488111 is for "Air Traffic Control" and is a 4th subpart of the Transportation and Warehousing industry. For example:

Transportation and Warehousing
Support Activities for Transportation
Support Activities for Air Transportation
Airport Operations
Air Traffic Control

In one embodiment, industries database 213 is searchable by each of 5 tiers. In one embodiment, each entry in the coded, labeled, and described industry listings, within industries database 213, is accompanied by an English language description of the entry that talent and/or employers may access for additional consideration of the classification choice they make. Talent

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are asked to classify each employment position they have held by the employer's industry. Employers are asked to classify themselves as a whole (for example, "conglomerate"), and to classify each division that they may set up in the career site system. Divisions may have a different classification than the employer as a whole.

In one embodiment, industries database 213 is intended to allow a precise classification of the industry or industries in which a particular talent has worked and the industry in which an employer's particular job listing participates. The precise classifications facilitate highly refined searches by talent for jobs and by employers for talent, which searches can be done by any industry tier in industry database 213.

In one embodiment, industries database 213 will be updated to correspond with updates to NAICS. Industries database 213 searches may be carried out in combination with searches performed on other databases, such as, for example, those represented in Fig. 2.

In one embodiment, the number of years of experience that talent has in a particular industry tier is calculated by the career site operator to facilitate matching the industry experience offered by the talent to the industry experience required by employers. In one embodiment, industries database 213 is updated as the NAICS is updated from time-to-time by the U.S. Census Bureau. Industries database 213 may be searched in combination with any other databases of the career site, such as, for example those represented in Fig. 2.

### 20 **B. Occupations Database**

In one embodiment, occupation database 214 uses information from the Dictionary of Occupational Titles - Fourth Edition, Revised 1991, published by the U.S. Department of Labor. DOT is a system for classifying jobs and the skills required for each job. Occupations database

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214 includes over 31,000 separately identified occupations or "occupational titles" that are assigned to successively broader groups. In one embodiment, the structure of occupations database 214 consists of coded, labeled, and described occupational and sub-occupational entries consisting of 4 tiers, including:

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Occupational Category
Occupational Division
Occupational Group
Occupational Title

For example, the occupation of Artificial-Breeding Technician is the Occupational Title of the following Category, Division, and Group:

Agricultural, Fishery and Forestry Occupations
Animal Farming
Animal Services
Artificial-Breeding Technician

Each occupational title is matched to a three-part combination of coded, labeled, and described primary job skills associated therewith. Skill categories include:

- 1. Data and Analytical Skills
- 2. Communications and People Skills
- 3. Mechanical Skills

The three categories of skills are further broken down into subparts for which there are corresponding codes. The subparts include:

Data and Analytical Skills

Synthesizing

Coordinating

Analyzing

Compiling

Computing

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Copying Comparing

Communications and People Skills

5 Mentoring

Negotiating

Instructing

Supervising

Diverting

Persuading

Speaking - Signaling

Serving

Taking Instructions – Helping

Mechanical Skills

Setting Up

Precision Working

Operating - Controlling

**Driving** - Operating

Manipulating

Tending

Feeding - Offbearing

Handling

In a systematic manner, talent is asked to describe their skills in each subcategory of data/analytical, communications/people, and mechanical skills. In addition, each occupational title is assigned to a particular industry. For example, the occupational title of Artificial-Breeding Technician is assigned to the Agriculture industry. In one embodiment, occupations database 214 includes a written description or definition of occupational titles that talent and/or employers may access for additional consideration of the classification choice they make.

A talent is asked to classify each employment position they have held by occupational title, when the employment position is added to his or her talent profile. Employers are asked to classify each job listing they post to the career site by occupational title. Occupations database 214 allows precise classification of talent's current or past employment positions and a precise classification of each employer's individual job listings.

Talent may use occupations database 214 to search for jobs in any occupational category, division, group, or title. Employers may use occupations database 214 to search for talent that have worked in any occupational category, division, group, or title. Employers may also use occupation database 214 to search for talent that has described specific data/analytical, communications/people, and mechanical skills compatible with the employer's requirements and expectations for the job. Occupation database 214 may be searched in combination with any other databases of the career site such as, for example, those represented in Fig. 2.

In one embodiment, selections from occupations database 214 are presented to talent and employers after a keyword search of the occupational titles. In addition to the occupational titles, the corresponding occupational group and industry are presented to assist talent and employers in the selection of a specific occupational title. The results of the keyword search may be sorted alphabetically by occupational group, title, or industry to assist talent and employers in the selection of a specific Occupational Title. If additional assistance is required for classifying an employment position or job listing, a narrative description may be accessed for each occupational title.

In one embodiment, the number of years of experience that talent has in any Occupational Category, Division, Group, or Title is calculated by the career site operator to facilitate matching the experience offered by the talent in a particular occupation to the occupational experience required by employers.

# C. Hospital Departments Database

Hospital departments database 221 contains information gathered from hospitals and other sources to prepare a list of functional departments within hospitals. Hospital departments

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database 221 is used to further classify talent's hospital employment position(s), if any, and an employer hospital's employment positions. This feature is important because, for example, registered nurses may hold many different positions within a hospital. Accordingly, talent and employers may conduct searches based on designated hospital departments. Hospital departments database 221 may be searched in combination with any other databases of the career site, such as, for example, those represented in Fig. 2.

### **D.** Employers Database

In one embodiment, employers database 210 contains information regarding employers that have provided employer information, and the names of employers provided by talent for whom no employer account has yet been established. Therefore, in one embodiment, talent may add an employer name, location, and industry classification to employers database 210 if said database does not already contain such information. If an employer account is later established, the information provided directly by the employer will be used by the career site operator to replace any information that may have been provided by talent.

Employers database 210 includes information comprising an employer's (i) name; (ii) address; (iii) phone number; (iv) NAICS code(s), (v) account users and e-mail addresses, and other identifying information, including, for example, a number of divisions or business units of an employer and associations between an employer's account users, divisions, and job listings. In one embodiment, employers database 210 is updated as each employer establishes or registers an employer account with a particular career system operator.

In one embodiment, a talent may use the employer name portion of the employers database 210 to identify the employer precisely. Employers may conduct searches for talent

based on employers' names in order to identify talent who have worked for a particular employer in the past. This functionality serves as an alternative industry search and may identify talent who misclassified the industry and/or occupational title of their previous employment.

In one embodiment, logic used in connection with employers database 210 includes a routine to safeguard against employers establishing duplicate employer accounts for a single employer. In this embodiment, when a new employer account is established, it is compared to existing employers using a soundex name comparison and for example a comparison of address and industry codes.

In one embodiment, talent and unauthenticated users may use employers database 210 to search for jobs listed by particular employers using as broad or as refined a set of criteria as the talent chooses to use. Searches of employers database 210 may be made in combination with any other databases such as, for example, those represented in Fig. 2. Talent may search job listings using any available data field supplied by employers, or by use of key words, except that talent may not search employers database 210 using employers' confidential information, including, for example, the names and addresses of the account manager or account users.

In one embodiment, personally identifying information regarding persons associated with employers in employers database 210 and maximum compensation allocation may not be viewed by anyone other than the account manager and account users associated with a particular employer, and authorized personnel associated with the career site operator.

### E. Talent Profiles

Talent profiles database 205 contains biographical information about talent that would be useful for an employer or recruiter to determine if the talent has suitable skills, training, and

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experience to be considered for a particular job. Talent profiles database 205 includes information received from talent. In one embodiment talent information is received and stored in a structured format. The talent information includes information selected by talent from lists of information such as, for example, information contained in industries database 213, fields of study database 217, educational institution database 215, occupations database 214, employers database 210, hospital departments database 221, medical specialties database 218, geography database 216, languages database 219, professional associations and labor unions database 223, trade associations database 222, and licenses and certifications database 224. Talent information may also include other data supplied by talent from their own sources. In one embodiment, personally identifiable information is not available for searching or viewing by anyone other than the particular talent and authorized personnel of the career site provider.

Employers may use talent profile database 205 to search for talent using as broad or as refined a set of criteria as the particular employer chooses to use. Employers may search talent profiles database 205 using any available data field supplied by talent, or by use of key words, except that employers may not search talent profiles database 205 using talent's confidential information. When an employer searches talent profiles, the employer does not receive certain information designated as confidential, including, for example the talent's name, home address, telephone number, E-mail address, minimum compensation requirements, and current employer's name. Nevertheless, a match would not have occurred between a talent profile and a job listing if there were not overlap between the maximum compensation parameter in the job description and the minimum compensation requirement associated with particular talent. In one embodiment, when an employer purchases talent contact information, the employer is provided

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with the talent's name, home address, telephone number, E-mail address, and current employer's name but is not provided the talent's minimum compensation requirements.

In one embodiment, a talent creates his or her profile directly as indicated in block 204. Alternatively, talent profile information may be added to talent profiles database 205 from existing data sources of talent profile information. In either case educational institution referrals 201, professional association referrals 202, and other sources of talent profiles 203 may be used to provide talent profile information.

### F. Jobs Database

Jobs database 211 includes information gathered from employers in a structured format. It includes information provided by employers from industries database 213, field of study database 217, educational institution database 215, occupations database 214, employers database 210, hospital departments database 221, medical specialties database 218, geography database 216, languages database 219, professional associations and labor unions database 223, trade associations database 222, and licenses and certifications database 224. Jobs database 211 may also include other information supplied by employers from independent sources.

Personally identifiable information such as the names and other information of account managers, billing contacts, account users, and other confidential information such as maximum compensation allowed for a job, may be accessed only by an account manager associated with the employer or by authorized personnel of the career site operator.

Talent uses jobs database 211 to search for jobs on as broad or as refined a set of criteria as they choose to provide. Talent may search job listings using any available data field supplied by employers, except that talent may not search jobs listings using the confidential and

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personally identifiable information of employers' account managers, billing contacts, account users, and maximum compensation specified for the particular job listing. Nevertheless, a match would not have occurred between talent and an employer if there were not overlap between the maximum compensation parameter in the job description and the minimum compensation requirement associated with particular talent.

In one embodiment, employers are encouraged to list every job they have or intend to have. In this embodiment, such listings are maintained indefinitely by the career site operator, and the listings are expanded, contracted, or edited by each employer, either by individual manual entry, or by automatic electronic exchange with an employer's enterprise database application, as the employer's recruiting and operational needs change.

# G. Geography Database

In one embodiment, geography database 216 is used in connection with talent profile database 205, employers database 210, and jobs database 211 to precisely locate talent, employers, and jobs. Geography database 216 may be used to measure the proximity of talent to employers or jobs. In one embodiment, a database of postal codes may be acquired by continued operation of the career system. As users enter the names of their cities, the associated postal codes are stored in a database with an association to a town. If a particular user mistypes or incorrectly specifies a town or a postal code, repeated use will provide an ability to identify the incorrect associations by checking for consistency with other records and other sources, such as databases that are commercially available. Political sub-entities may include entities such as, for example, cities, towns, or villages; counties, or parishes; and states, provinces, or regions.

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In one embodiment, a commercial database containing associations between political sub-entities and postal codes is used directly. In an additional embodiment of the present invention, the association between political sub-entities and postal codes may optionally learn city and postal code associations by aggregate analysis of data that is entered into the system by users.

Other convenient geographical units exist. For example, the U.S. Census Bureau has provided the public with metropolitan area ("MA") population estimates. These MA population estimates are associated with county and sub-county population estimates, which are based on censuses conducted by the U.S. Census Bureau. MAs are further designated as Metropolitan Statistical Areas ("MSA") or Consolidated Metropolitan Statistical Areas ("CMSA"). Within an MA, a "central city" is designated based on the city with the largest population in each MSA or CMSA.

MAs include MSAs, CMSAs, and primary metropolitan statistical areas ("PMSA"). An area that qualifies as an MSA and has a population of one million or more may be recognized as a CMSA if separate component areas that demonstrate strong internal, social, and economic ties, including availability of transportation, can be identified within the entire area and local opinion supports the component areas. Component areas, if recognized, are designated PMSAs. If no PMSAs are designated within the area, then the area remains an MSA.

In one embodiment, a user may conduct a geographical search by county, because some rural counties are not part of an MSA, and accordingly a user, whether applicant or employer will not be excluded from a search on the basis that a particular location is not part of an MSA.

In this way, methods and systems consistent with the present invention provide optimal geographic choice in searching for jobs and candidates. This is particularly useful for employers

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that would like to consider persons with close geographical ties to the area in which a particular job is located.

### **H.** Associations Databases

Trade associations database 222 and professional associations and labor unions database 223 include the vast majority of established trade and professional associations in the world. In one embodiment, there are approximately 7,649 trade and professional associations in trade associations database 222 and professional associations and labor unions database 223. Talent and employers use trade associations database 222 and professional associations and labor unions database 223 to make a precise designation of such organizations with which they associated. Employers use professional associations and labor unions database 223 to refine their searches for certain skills possessed by talent who belong to particular associations.

In one embodiment of the present invention, commissions may be paid to professional associations that are affiliated with talent who are using the career site, and to trade associations that are affiliated with employers that are using the career site.

# I. Fields of Study and Educational Institutions Databases

When talent provide talent profile information to talent profile database 205, they are asked to provide specific, structured background information, including information about training and experience. To facilitate collection of structured data, fields of study database 217, medical specialties database 218, and educational institution database 215 are provided.

Fields of study database 217 includes information collected from various representative educational institutions to prepare a list of educational emphasis that is intended to enumerate the

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vast majority of possible fields of study. In one embodiment, fields of study database 217 identifies narrower fields of study that exist within broader fields. For example, "Pharmacy" may be broken down into the following subparts:

5 Clinical Sciences

Doctor of Pharmacy

General

Medicinal Chemistry

Pharmaceutical Chemistry

Pharmaceutics

Pharmacy Administrative and Social Sciences

Talent are asked to designate their field(s) of study by selecting from an enumerated list obtained from a data source, such as, for example fields of study database 217. If fields of study database 217 does not include a talent's particular field of study, then the talent is asked to type in his or her particular degree. The database will be updated as previously unlisted degrees are identified and optionally audited for duplication and correctness.

Medical specialties database 218 includes information collected from various educational institutions in order to prepare a list of specialties within the various medical fields of study, and is intended to enumerate the vast majority of possible medical specialties. In one embodiment, medical specialties database 218 identifies narrower fields of study that exist within a broader medical field of study. For example, a specialty within the "medical - surgery" field of study might be "hand surgery."

Field of study database 217 is intended to allow a precise classification of talent's major and minor areas of educational emphasis. Medical specialty database 218 is intended to allow a further refinement of classification with respect to the educational and occupational emphasis of licensed health care providers, such as doctors, nurses, and therapists. It will be apparent to the

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casual observer that other occupations offer specialization, such as, for example, the legal profession. An embodiment of the present invention is the expansion of the specialty database concept to occupations other than medical occupations.

Precise classifications facilitate highly refined searches by talent for jobs requiring appropriate education and by employers for talent with particular education.

Educational institutions database 215 contains information about educational institutions. Educational institution database 215 is intended to include the vast majority of all colleges, universities, and vocational schools in the world. Based on the enumerated list, talent are asked to precisely designate the schools of higher education they have attended. If educational institution database 215 does not include the school from which a talent graduated or attended, the talent is asked to provide the name of the school.

Employers may use the educational institution database 215 information to search for talent who graduated or attended specific institutions. In one embodiment, educational institution database 215 will be updated as new schools are identified by talent or employers, or as colleges, universities, or vocational schools establish accounts with the career services provider consistent with the present invention.

#### J. Languages Database

When talent provide talent profile information to talent profiles database 205, they are asked to identify their language skills. To facilitate collection of this information in a structured manner, languages database 219 is provided. Languages database 219 is intended to enumerate the vast majority of the world's languages. In one embodiment, languages database 219 will be updated as additional languages are identified by talent, employers, or other sources available to the career site.

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#### K. Benefits Database

In one embodiment, benefits database 220 is associated with employers and job descriptions. The benefits database includes a standardized listing of benefits that may be associated with a particular employer or job. Some examples of standard benefits include incentive pay, health insurance, including an identification of health care providers, 401-K, dental insurance, continuing education, signing bonus, pension, on-site daycare, flex-time, free parking, relocation, paid vacation, and differential shift pay. Because benefits information is recorded and stored in this way, it becomes searchable by talent. In one embodiment, when talent searches for jobs, icons are displayed that represent the particular standardized benefits that the employer offers with the particular job. The benefits database may, at the option of each employer, also include benefits that are unique to the employer.

# IV. SEARCHES FOR TALENT AND JOBS

Searches of an arbitrary career site databases may be conducted in conjunction with any or all of the other career site databases. These criteria may be used in connection with self-searches (whereby the user conducts a search at his or her prompting), and with automatic searches (whereby the user specifies at least one set of search parameters that are saved by the career site operator in order to conduct periodic searches) of the career site to facilitate matching talent with the type of position talent is seeking.

In one embodiment, a talent is asked to identify every country in which he or she may lawfully work. Such information facilitates searches conducted by employers. In one embodiment, employers and talent have the ability to conduct either or both of "domestic" and

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"foreign" searches. For employers, a domestic search identifies the talent profiles of talent who live in and are lawfully eligible to be employed in a designated country, which may or may not be specified as the U.S. Employers may also conduct a foreign search to identify the talent profiles of talent who live outside of a designated country, but who are lawfully eligible to work in the designated country, which again may or may not be specified as the U.S.

In one embodiment, talent may conduct a domestic search to identify jobs located within a designated country, which may or may not be specified as the U.S. For talent, a foreign search identifies jobs located outside of a designated country, which again may or may not be specified as the U.S.

Searching may be performed by way of search interfaces 206 and 212. Potential search capabilities include both searching jobs database 211 and talent profiles database 205. In one embodiment, the process of searching domestic job descriptions includes selecting a geographical region. In one embodiment an applicant may search for jobs by any available geographic designation, which includes country; state, province, region or similar designation; county, parish, township or similar designation; city, town, village, or similar designation; zip or postal code.

In one embodiment, a user of the site may search for talent profiles or jobs that are aggregated within a designated geographic area. If some or all of the designated area encompasses an MSA, then two levels of results are presented. The first level presents the results that are within the designated geographic area; the second level presents the results that are within the corresponding MSA and, if applicable, CMSA.

In one embodiment, the user of the site may broaden or narrow the search. For instance, the user may broaden his or her search from a designated city or MSA within a state to the entire

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state. Or the user may narrow from a CMSA, such as, for example, the Baltimore/Washington CMSA, to a PMSA or a component of a PMSA, such as, for example, limiting the search to the District of Columbia or to a specific zip code. A search may be broadened or narrowed to any of the available geographical divisions in geography database 216.

In one embodiment, geography database 216 includes searchable listings of every country in the world, and each country's states, provinces, or other political subdivision, cities, and postal codes gathered as part of the data collection in connection with talent profiles database 205, employers database 210, and jobs database 211. In one embodiment, for countries other than the U.S., employers and talent are asked to select from a list or directly provide a metropolitan area, or fractional portion thereof, closest to their place of residence. If a city is not listed, then it is not in the database, and the closest metropolitan area should be selected.

In one embodiment, employers directly create accounts as shown in connection with block 209. Additionally, trade associations 207 and other sources yielding employers 208 may be used to refer employers to the career site and to provide information to employers database 209. Alternatively, employer data sources may provide employer data directly, such as, for example in the case of a trade association providing employer information about its employer members.

In one embodiment of the present invention, the results of talent-initiated searches for jobs are presented to the talent ranked by the maximum compensation offered by the employer for the particular job; the job offering the highest compensation is listed first and the job offering the lowest compensation is listed last. Nevertheless, the actual compensation ranges specified by employers are not disclosed to anyone. In one embodiment, the results of employer-initiated searches for talent are presented to employers on a scoring system (discussed later in this patent

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application) consistent with this invention; the talent profile evidencing the most favorable score is listed first and the talent profile with the least favorable score is listed last. Nevertheless, the score calculated by the career site operator is not disclosed to anyone, and is merely used to determine the order of presentation.

At the election of the user, one or more search parameters devised by the user will be saved by the career site operator for such user's future use within the career site. At the election of the user, the results of searches conducted by the user will be saved for such user's future use within the career site.

# V. TALENT-INITIATED PROCESSES

Fig. 3 is a flow diagram representing a process performed in connection with an unauthenticated user and a talent (i.e. a user that has registered as a talent) interacting with a career site consistent with the present invention. First, an unauthenticated user visits the career site (stage 301). In one embodiment, the career site provides users with access to a web page. A user could alternatively access an application in forms other than a web page, such as, for example, by way of a speech recognition interface. Next, the unauthenticated user visits pages of interest in the application (stage 302). The pages or content of interest may include (a) searching (i) talent profiles, (ii) job listings, (iii) articles; and (b) viewing advertisements, or other content in the career site. The unauthenticated user may search jobs and talent profiles, but may not apply for jobs or purchase talent contact information (stage 303).

While accessing the site, a first-time user has an ongoing opportunity to register with the site (stage 304). Users must register as either "talent" or "employers." If a user decides not to register and has no more pages or content of interest to him or her, then the session ends (stage

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328). If an authenticated user intends to register as a talent, then he or she continues with the process described in Fig. 3 (stage 304, et seq.). If an authenticated user intends to register as an employer, then he or she continues with the process described at Fig. 8 (stage 804).

Authentication is the process of identifying an individual, usually based on a username and password or credentials. Other methods of authentication may be employed without departing from the scope of the present invention, including digital certificates, token cards, and biometrics. An authenticated user is a user that has provided adequate credentials to an authentication system, based on a predetermined standard for adequacy of credentials. In connection with the present invention, "predetermined" means to be determined prior to any attempted access.

In one embodiment, an unauthenticated user of a career site application may access only a subset of the available features of the career site application. Areas to which access is allowed to unauthenticated users in this embodiment include: (i) a home page associated with the career site; (ii) a talent section that provides information to talent about registering with the system and about how to use the system; (iii) an employer section that provides information to employers about registering with the system and how to use the system; (iv) "quick search" of the job description, talent profile, and employer databases; (v) a "storefront" section where the user may learn more about specific employers that are using the career site for recruiting purposes; (vi) an industry news section where users may access news articles pertaining to one or more industries or employers that the talent has identified, and/or in which talent has expressed interest as evidenced by talent's most recent job search and/or employment application; (vii) a section that describes commercially available reports prepared by the career site operator; (viii) an "affiliate" section that describes the career site's affiliate marketing programs; (ix) an "about us" section

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that provides information about the career site operator, including information such as, for example, contact information for the site operator; (x) a privacy statement regarding information that is collected; and (xi) terms of use of the career site.

In one embodiment, "quick search" is a function designed to search the career site's databases in a manner that is less specific than the "full search" function, which is capable of searching all data fields in the career site's databases.

In one embodiment, an unauthenticated user is not allowed to perform the functions of (i) "full search" function; (ii) create or modify a talent profile; (iii) create or modify an employer account; (iv) create or modify a job listing; (v) apply for a job; (vi) convey an employment opportunity to talent; or (vii) create or modify storefronts.

In one embodiment, registering with the career site involves choosing to register as either "talent" or as "employer." The remainder of this section generally pertains only to users who have registered as "talent."

Registering as talent involves providing several discrete pieces of information. In this embodiment, required information includes, for example, first name, last name, residence address, e-mail address, telephone number, a unique user-ID and password, birth date, and the answer to one question chosen by the talent from among several questions presented that is used for identification purposes if the talent ever forgets the user-ID or password. The discrete pieces of information required for registration may be expanded or contracted without departing from the scope of the present invention.

If the user elects to register with the site as talent, the talent will receive a welcome message via e-mail (stage 305). The talent then also has full site access (stage 306, et seq.). Next the talent has an opportunity to complete a talent profile (stage 307). In one embodiment,

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talent is encouraged to complete a talent profile, because it will increase the likelihood that an employer will be motivated to contact the talent with an employment opportunity. In one embodiment, a talent is encouraged to complete the talent profile, because the talent may not apply for a job listed in the jobs database unless talent's profile includes the minimum required information.

In one embodiment, once a talent registers and authenticates with the site, the talent may access a career site message repository that resembles an electronic mail box. The message repository contains information about the positions or job listings for which talent has applied and the status of each such application, including employer name, linked job title, dates of inquiry and response, whether the employer has accepted or declined to proceed, and the reason employer declined. The message repository also contains information about employers' inquiries submitted to the talent, including employer name, linked job title, dates of inquiry and response, and whether the talent has accepted or declined to proceed, and the reason that the talent declined, if applicable.

Consistent with the present invention, talent profiles are received and stored in the talent profiles database 205 for any talent that wishes to store a talent profile in the system. Even talent who are not currently seeking employment may develop and maintain their talent profiles including an extensive set of skill descriptions. Consequently, talent profiles are continuously available for consideration for new employment opportunities, thus enhancing the talent's ability to optimize his or her career opportunities.

Talent profiles are made available to the public for searching and browsing without any contact information, and without the talent's current employer's name. Accordingly, a talent's current employment position is not jeopardized. In any event, since the present invention

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contemplates continuous job search by all talent and continuous recruiting by all employers, it is anticipated that the arbitrary talent will elect to display his or her talent profile continuously. In the event that a talent does not want to continuously display his or her talent profile, then the talent may elect to make his or her entire talent profile "invisible" to others until the talent reverses that election.

In completing an employment profile, a talent is guided through a detailed, multi-step process during which talent provides information, such as, for example: (i) personal contact information; (ii) educational history; (iii) employment history; (iv) special skills and qualifications; (v) professional affiliations; (vi) optionally, race and gender information for use in programs, such as, for example, affirmative action programs and (vii) optionally, citizenship information for use in programs, such as, for example, government contracting programs. If a talent chooses not to complete an employment profile, he or she will not have full access to the site and will not be able to apply for jobs until the minimum requirements for a talent profile are satisfied. If the talent elects to complete a talent profile, the results are saved for searching, analytical, and reporting purposes (stage 321). Based on the saved information, a fully disclosed talent profile 322 is available for inspection by the talent, and a limited disclosure talent profile (i.e., one lacking contact information) is available for public inspection (stage 323).

Fig. 3 also includes a process for already registered talent to "sign in." First, if the talent is not already signed-in, then he or she must "sign in" using his or her previously selected user-ID and password (stage 324). Next, the talent is presented with all employer-initiated and certain talent-initiated inquiries (e.g., for example, the results of automatic searches) that have occurred since talent's last visit to the site or another time period determined by the career site operator (stage 325). If any of the listed inquiries require a response from the talent, then he or she must

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respond to each such inquiry before conducting additional searches or applying for additional employment positions (stage 326), or the session ends (stage 327). After responding to the necessary messages, the talent may access the career site and its databases (stage 308).

Fig. 4 is a flow diagram representing a process for conducting searches of job listings consistent with the present invention. As indicated in block 400 this process is performed in connection with a process such as the one described in connection with Fig. 3. To search a jobs database as indicated in block 401, a talent may identify a job listing by way of self-search (stage 402) or may specify an automatic search (stage 403). In performing a self-search, talent uses a search form to perform individual, custom searches of the employers database. Automatic searches are conducted on a recurring basis, such as daily, by the career site operator based on the search parameters that the employed has specified for each of its job listings. To conduct a search, whether self-search or automatic search, employers must specify a geographic point of reference and at least one of several non-geographic search parameters, such as industry, occupation, license, or language.

In one embodiment, a talent may initiate a search by specifying the search either as a domestic search or as a foreign search as described earlier in this patent application, and by selecting a geographic point of reference such as a country, state, county, city, or zip code. In this embodiment, a talent may indicate his or her selection from a drop-down list of choices corresponding to the level of geographic area of interest to talent. For example, if a talent is interested in searching for any job of a certain type within a country, then the talent will select a country from a predetermined list of countries. In this embodiment, if a talent specifies only a country, e.g. "United States of America" then all jobs in the U.S. that match the talent's other search parameters will be reported in order of highest to lowest maximum compensation

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specified by each employer. Other methods may be employed to order the presentation of jobs. In one embodiment, the career site operator may limit the number of jobs reported to a maximum number, for example, 25. The number jobs reported to talent by the career site operator may vary from all jobs or a predetermined number. In this embodiment, employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

A talent may optionally provide cumulatively more restrictive search parameters by choosing from progressively smaller geographic subdivisions, such as: (i) state, province, or region within a particular country; (ii) county or parish within a particular state, province or region; and (iii) city, town, or village within a particular county or parish. In one embodiment, a preexisting geographical database facilitates collection of structured data by providing the talent with an enumerated list of possible selections for each step. That is to say that if a talent wishes to specify a city, he or she selects a country from the list of possible countries, then selects a state, province, or region from a list of the same from within the selected country, and, finally, selects a city from a list of cities and towns within the selected state, province, or region. Some countries may not have state, provinces, regions, counties, or parishes, or the same may be unknown to the career site operator, in which event, the talent may select directly from the available list of cities, towns, or villages within the particular country. In one embodiment, a talent may by-pass certain geographical subdivisions such as counties or parishes within U.S. states or within the states, provinces, or regions of other countries, and directly select a city, town, or village within a particular state, province, or region.

In one embodiment, if a talent elected to search for jobs by postal code, the talent selects a country from a list of countries. Next, the talent provides a postal code corresponding to the

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selected country, and the talent need identify no other geographic subdivision of the selected country.

In one embodiment, a predetermined number of jobs will be reported to a talent who selects only search by city or search by zip code. However, in one embodiment, additional search parameters may be provided. In one embodiment, if a talent specifies a geographic subdivision of a country, e.g. the State of Missouri, then all jobs in the specified subdivision that match the talent's other search parameters will be reported. In one embodiment, if a talent specifies a postal code of a country, e.g., 66202 in the U.S., then all jobs in the specified postal code that match the talent's other search parameters will be reported. In either embodiment, the reported jobs may be ranked in order of highest to lowest maximum compensation specified by each employer. However, in one embodiment, the career site operator may limit the number of jobs reported to a maximum number, for example, 25. In this embodiment, employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

In one embodiment, at least one of a group of additional optional search steps must be specified. In one embodiment, the group of search steps includes, accessing the career site databases (stage 404), for example: (i) industry search; (ii) occupation search; (iii) education search, including any combination of (a) level of education, (b) field of study, (c) specialty, and (d) educational institution; (iv) employer name search; (v) licenses and certifications keyword search; and (vi) languages search; (vii) analytical skills search; (viii) communications skills search; (ix) mechanical skills search; (x) hospital department; and (xi) other keyword search. In this embodiment, each additional search step may be specified as cumulative (i.e., A and B) or alternative (i.e., A or B). For example, a talent may formulate a search as follows: all jobs in a

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particular city requiring a predetermined level of education and a predetermined license. A talent may also formulate a search in the alternative: i.e. all jobs in a particular postal code requiring either a predetermined level of education or a predetermined certification.

In this embodiment, an optional industry search makes use of an underlying industry database to facilitate collection of structured data. In one embodiment, the industry database contains five tiers of industry specificity. A talent specifies only the first tier of industry specificity, resulting in a broad search. Alternatively, a talent specifies an industry at a more detailed level, resulting in a more focused search. In this embodiment, a talent can also specify a number of years of experience in the specified industry. By providing a number of years of experience, a talent has the ability to filter out those job listings that require more industry experience than the talent specified.

If a talent elects to provide occupation search parameters, the talent is requested to provide an occupational division. To facilitate a more detailed search, the talent may optionally provide occupational group, or occupational title. In one embodiment, a talent may additionally provide a department, for example, in the case of searching hospital job descriptions. A talent may also search by specialty, for example, in the case of licensed health care professionals. In connection with occupation search parameters, a talent may also specify a number of years of experience in the specified occupational division, group, or title. The number of years of experience may be used to filter out those job listings that require more occupational experience than the talent specified.

If a talent elects to provide education search parameters, he or she provides an educational level, i.e. general equivalency diploma ("GED"), high school, vocational school, college – associate, college – bachelor, college – master, or college – doctorate. A talent may

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further specify a field of study, i.e. "mathematics." A talent may also further specify a specialty, e.g. a medical specialty of "Plastic Surgery."

A talent may also elect to provide a search step that searches job listings by at least one employer name. Additional keyword search steps include searching by at least one license or certification keyword, i.e. "professional engineer" or "certified nurse anesthetist." Other keyword search steps may be provided, corresponding to which the text of any searchable parameter of a job description will be matched for the purpose of the search.

In one embodiment, search results are provided in a structured format, in which job descriptions are provided only if they satisfy all of the criteria as set forth in connection with talent-provided job search parameters.

In one embodiment, for search reporting purposes, job descriptions are separated into two groups: (i) the matching jobs that are located within the specified point of geographic reference, such as a city or postal code; and (ii) the matching jobs that are located within the MSA/PMSA and CMSA that encompasses the selected point of geographic reference. In connection with group (ii), a distance is optionally provided between the location of each job and the talent-specified location in the search.

In one embodiment, the jobs presented to the talent are ordered in descending order based on the maximum compensation that the employer has defined for the particular job listing. In this embodiment, the employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

In one embodiment, an automatic search is performed based on talent specifications similar to that provided in connection with a self-search. In an automatic search, the career site

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performs an automatically recurring periodic search against all job listings. In one embodiment, if a talent specifies an automatic search, the system stores a predetermined number of unique automatic searches, such as, for example, 10 (stages 407 and 408), which are used to automatically search job listings using different parameters. In this embodiment, search results are presented pursuant to each talent-specified search routine in the fashion previously described for self-searches. If, alternatively, a talent identified an employer via a self-search, in one embodiment the system may save only the most recent search (stages 405 and 406). In alternative embodiments, an arbitrary number of self-searches may be stored to facilitate repeating self-searches at later times.

A talent-initiated match is a match that occurs because of an initial action taken by a talent. When a talent-initiated match occurs, it is because of one of several reasons including: (i) the talent has located a job description through self-search; and/or (ii) the talent has received notice of a match from the career application by way of an automatic search. The talent may save the search results (stages 411 and 412), discard the results (stage 413), process the results as employment inquiries (stage 414), or conduct another search (stage 410). By submitting an employment inquiry, the talent granted permission to the career site to provide his or her contact information to that employer, if the employer is interested in the talent. Employment inquiries are saved and made available in various reports (stages 415 and 416).

If the talent elects to process the search results as employment inquiries, the next step is to determine whether talent's qualifications and compensation requirements meet the minimum requirements specified by the employer (stage 417). At this stage, the talent's qualifications are compared to the job listing, including non-public aspects of the job description such as for example, maximum compensation value, or the lawful ability to work in a particular country. If

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the listing employer has identified any qualifications as mandatory, the talent must possess the minimum amount of the corresponding skill in order to be considered for the position. If the talent does not have appropriate experience, education, or other minimum qualification, talent is contemporaneously sent a "not qualified" message, indicating an incompatibility between the job listing and the talent's profile (stage 418). Next, the message is saved and made available in connection with various reports (stages 419 and 420).

If minimum requirements are not met, the talent decides whether to process an employment inquiry for another job listing (stage 409), or to conduct another search (stage 410). If the talent decides not to conduct another search, the session ends (stage 421). Alternatively, if the talent wishes to conduct another search, the process proceeds back to the search stage (stage 401).

If the minimum requirements for the selected job listing are met, then processing advances to Fig. 5A, which is a flow diagram representing a series of talent-initiated process for gathering governmentally regulated information about a talent. First, the career site determines whether the employer has requested that talent applying for the particular job provide information pertaining to their race and gender (i.e., Federal Employment Records Information, "FERI") (stage 501). If the employer requested FERI (stage 501), then processing moves to Fig. 6A.

Fig. 6A is a flow diagram for obtaining FERI from talent on a voluntary basis. If the talent profile does not already include FERI (stage 601), then the talent is requested to voluntarily supply such information (stage 602). If the talent supplies FERI (stage 603), the employer may not use the information to discriminate in the employment process in any way, and the information is stored for the later use of the employer (stages 609, 610, 611, and 612).

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In order to avoid FERI routine in processing future employment inquiries, the talent may elect to save his or her FERI in his or her talent profile (stages 606 and 607), in which case the FERI generally will not be visible to anyone except the particular talent (stage 608). If the talent elects not to save FERI data it will be discarded (stage 605). However, employers may use FERI in order to favor certain protected classes of talent. Regardless of whether the talent has supplied his or her FERI, the employment inquiry is processed to the next stage (stage 604, returning to stage 502).

Returning now, to Fig. 5A, if the employer has not requested that talent provide FERI, the employment inquiry is processed to the next stage (stage 503). Here, the career site determines whether the employer has indicated that the job listing selected by the talent is requires work authorization (stage 503), such as for certain positions and contracts with the U.S. government and its political subdivisions. If the job selected by the talent requires work authorization, then processing moves to Fig. 7A.

Fig. 7A is a flow diagram illustrating exemplary procedures for obtaining work authorization representations. If the talent profile includes the required work authorization information (stage 701), and if the talent is qualified (stage 702), then the employment inquiry is processed to the next stage (returning to 504 of Fig. 5A). If the talent profile includes the required work authorization information (stage 701), and if the talent is not qualified (stage 702), then the employment inquiry is not processed any further, the talent receives a message that he or she is "not qualified" for the selected job listing (stage 703) and the processing of the employment inquiry ends (stages 713 and 714).

If the talent profile does not include the required work authorization information (stage 701), then the talent is asked to supply that information (stage 704). If the talent does not supply

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the required information (stage 705), then processing of the employment inquiry ends (stages 715 and 716). If the talent supplies the required information (stage 705), and if the talent is qualified (stage 706), then the employment inquiry is processed to the next stage (returning to stage 504 of Fig. 5A). If the talent supplies the required information (stage 705), and if the talent is not qualified (stage 706), then the talent receives a "not qualified" message (stage 707), and processing of the employment inquiry ends (stages 715 and 716).

Regardless of whether the talent is qualified or not qualified, the talent may save his or her work authorization information in his or her talent profile in order to avoid this routine in processing future employment inquiries for job listings that require work authorization information (stage 708), in which case the information becomes a part of the talent profile, but is not visible to anyone other than the particular talent (stages 710 and 711). Next processing ends (stage 717). If the talent does not elect to save his or her work authorization information, then any completed work authorization information is discarded and processing ends (stage 709).

Because it may reasonably be anticipated that job listings may be subject to other governmentally imposed restrictions or record keeping, Fig. 5A contemplates other routines for processing such requirements (stages 505 and 506).

The next stage (stage 507) is to check the employer's account to determine if its billing information is current. If the employer's billing information is not operative, then the employer receives a message to that effect (stage 512), and the employer's account becomes "inactive" (stage 513) because it no longer meets the minimum standards for an employer account.

In one embodiment, the employer is contacted by email on the occurrence of inactivation of its account. In another embodiment, the employer is notified of the inactivation when it logs in to the career site. If the employer updates its billing information (stage 514), then processing

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may resume (return to stage 507). If, after a predetermined period of time, the employer has not updated its billing information, it is assumed that the employer has declined the talent's inquiry. Whereupon, the talent receives a message stating that the employer declined but gave no reason for its decline (stage 515), and the session ends (stage 516).

Returning to stage 507, if the employer's billing information is current, then the talent's employment inquiry is submitted to the employer (stage 508). By submitting an employment inquiry, the talent granted permission to the career site to provide his or her contact information to an interested employer. The talent's employment inquiry consists of talent's "blind" talent profile (stage 509) and a brief survey (510) for use in the event that the employer declines the talent's employment inquiry. At this stage, the talent profile omits the talent's personally identifying information and the name and location of the talent's current employer (collectively, "contact information"), and is referred to as a "blind talent profile." Processing continues at Fig. 12 (stage 511).

In one embodiment, an employer may determine approximate current geographical information about a talent, based on the metro area identified in connection with talent's current residence. Further, an employer may obtain information about a talent based on the industry classification of the talent's current or most recent position. It is possible that some persons, including employers, may attempt to circumvent the career site's procedures. However, several reasons exist to dissuade employers and unauthenticated users from attempting to circumvent the procedures:

1. It is difficult to obtain contact information for a talent without using the career site's procedures to obtain the talent's consent to release contact information. The difficulty arises from the fact that the talent's (a) name; (b) street address; (c) phone

number; (d) e-mail address; and (f) current employer's name and address are not publicly displayed when talent profiles are searched. Therefore, an employer's ability to contact a talent based on information in the talent profile is no better than if one were to surmise the existence of a talent employed by any identifiable employer.

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- 2. With respect to searches conducted by unauthenticated users, neither talent's current or past employer's names are publicly displayed when talent profiles are searched.
- 3. The career site procedures are more efficient and cost effective compared to all other forms of recruiting. Only the isolated word-of-mouth referral of a qualified candidate could be considered to be more efficient. Therefore, there are economic reasons for employers to adhere to the career site's procedures.
- 4. By virtue of the fact that talent have posted their talent profiles with the career site, they are stating a preferred means of contact that employers with legitimate recruiting interest can be expected to honor.
- 5. Before conducting any searches, unauthenticated users must agree to the career site's terms and conditions of use.
- 6. Upon registering, employers agree not to circumvent or attempt to circumvent the career site's procedures when they establish their employer account with the career site.

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7. Employers obtain important information in support of their recruiting and hiring practices by using the career site. The opportunity to collect such information could be irrevocably lost if an employer were to circumvent the career site's procedures.

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Fig. 12 is described in connection with the above description of Fig. 5A as indicated in stage 1200. If a talent's employment inquiry is successfully processed by the career site, and a blind talent profile and survey are forwarded to an employer by the career site, the employer must respond to the inquiry (stage 1201) the next time that the employer signs-in to the site. In one embodiment, if the employer does not respond to all messages from the career site that require response, then the employer's account is made "inactive" (stage 1202), meaning that the employer may not conduct transactions (such as submitting employment inquiries to talent, conducting full searches, editing account information and job listings, or purchasing talent contact information) on the site. In one embodiment, the employer is notified, for example, by E-mail upon the inactivation of the employer's account. In another embodiment, the employer discovers inactivation at the time it next logs in to the career site.

In one embodiment, after all messages have been answered, the employer's account is returned to "active" status. If the employer has not responded within a predetermined number of days, then the talent is sent a message to the effect that the employer is not interested in the talent, but gave no reason (stage 1203). This information is saved for the talent and the employer (stage 1204), and processing ends (stage 1205).

In one embodiment, if an employer repeatedly fails to respond to requests for interviews, then the employer's account is suspended or inactivated. In one embodiment, the account suspension or inactivation will expire after a predetermined period of time. In another embodiment, the account suspension or inactivation will not be removed until the employer takes some action, such as, for example contacting the career site operator.

If the employer responds (stage 1201), the employer indicates if it wants to contact the talent and answers the survey (stage 1206). If the answer is "no," the talent receives a message

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that the employer was not interested in talent, and the talent is provided with the reason given by the employer's decision (stage 1207). This information is saved for the talent and the employer (stage 1204), and the processing ends (stage 1205).

If the employer is interested in interviewing the talent, then the processing enters the next phase, which commences at stage 1208. This next phase is discussed in the section entitled "Completing the Transaction."

## VI. EMPLOYER-INITIATED PROCESSES

Fig. 8 is a flow diagram representing a process performed in connection with an unauthenticated user and an employer (i.e., a user that has registered as an employer) interacting with a career site consistent with the present invention. First, an unauthenticated user visits the career site (stage 801). In one embodiment, the career site provides unauthenticated users with access to a web page. A user or employer could alternatively access an application in forms other than a web page, such as, for example by voice recognition. Next, the unauthenticated user visits pages of interest in the application (stage 802). The pages or content of interest may include searching talent profiles (stage 803), searching job listings, articles, advertisements, or other content in the career site. While accessing the site, a first-time user has an ongoing opportunity to register with the site as an employer (stage 804). Users must register as either "employer" or "talent." Refer to Fig. 3 at stage 304 for registration as talent. If a user decides not to register and has no more pages or content of interest, then the session ends.

Authentication is the process of identifying an individual, usually based on a username and password or credentials, however, in an alternative embodiment, other methods of authentication are employed without departing from the scope of the present invention, including

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digital certificates, token cards, and biometrics. An authenticated user is a user that has provided adequate credentials to an authentication system, based on a predetermined standard for adequacy of credentials.

In one embodiment, an unauthenticated user of a career site application may access only a subset of the available features of the career site application. Areas to which access is allowed to unauthenticated users in this embodiment include: (i) a home page associated with the career site; (ii) a talent section that provides information to talent about registering with the system and about how to use the system; (iii) an employer section that provides information to employers about registering with the system and how to use the system; (iv) "quick search" of the job description, talent profile, and employer databases; (v) a "storefront" section where the user may learn more about specific employers that are using the career site for recruiting purposes; (vi) an industry news section where users may access news articles pertaining to one or more industries or employers that the talent has identified, and/or in which talent has expressed interest as evidenced by talent's most recent job search and/or employment application; (vii) a section that describes commercially available reports prepared by the career site operator; (viii) an "affiliate" section that describes the career site's affiliate marketing programs; (ix) an "about us" section that provides information about the career site operator, including information such as, for example, contact information for the site operator; (x) a privacy statement regarding information that is collected; and (xi) terms of use of the career site.

In one embodiment, "quick search" is a function designed to search the career site's databases in a manner that is less specific than the "full search" function, which is capable of searching all data fields in the career site's databases, and which is restricted to authenticated users of the career site.

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An unauthenticated user may not perform the functions of (i) "full search" function; (ii) create or modify an employer account; (iii) create or modify a talent profile; (iv) create or modify a job listing; (v) apply for a job; (vi) convey an employment inquiry to an employer; or (vii) create or modify storefronts.

In one embodiment, registering with the career site involves choosing to register as either "employer" or as "talent." This section of the patent application generally pertains only to users who have registered as "employer."

Registering as an employer involves providing several discrete pieces of information. In this embodiment, required information includes, for example, first name, last name, business address, e-mail address, telephone number, a unique user-ID and password, birth date to be used for identification purposes if the employer ever forgets the user-ID or password, and the answer to one question chosen by the employer from among several questions presented that is used for identification purposes if the employer ever forgets the user-ID or password. The discrete pieces of information required for registration may be expanded or contracted without departing from the scope of the present invention.

If the user elects to register with the site as an employer, the employer will receive a welcome message via e-mail (stage 806). The employer then also has full site access (stage 807, et seq.). Next the employer has an opportunity to complete an employer profile (stage 807, 808, and Fig. 9).

In one embodiment, an employer is encouraged to complete the employer profile, because it will increase the likelihood that talent will be motivated to contact the employer with an employment inquiry. In one embodiment, an employer is encouraged to complete the

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employer profile, because the employer may not submit requests for contact information to talent in the talent database unless the employer's profile includes the minimum required information.

In one embodiment, the minimum requirements for establishing an employer profile include (a) providing all required employer account information, such as, for example, the employer's account manager contact information, (b) billing information, and at least one job listing. Fig. 9, which is a flow diagram of the employer account set up process, illustrates how an employer may customize its employer profile by establishing, within the profile, (a) separate divisions (stages 901 to 903), (b) separate account users (stages 904 to 906), (c) jobs that require the collection of federal employment records information ("FERI") pertaining to race and gender (stages 907 to 909), (d) jobs that require the collection of work authorization information pertaining to certain government jobs and government contract jobs in the U.S. (stages 910 to 912), and (d) jobs that are subject to other forms of regulation (stages 913 to 915).

Returning to Fig. 8, in one embodiment, an employer interacting with the present invention may elect either to manually enter job information (stage 823), or to electronically download job data using an electronic interface (stage 825). In each case, an employer will access some or all of the career site's databases 809 (stage 822), and the employer's separate database(s) (stage 824). The employer's profile and job listings are stored in the career site's databases of employers and job listings (stage 826). The public portion of an employer's job listings is available for searches conducted by talent, employers, and unauthorized users. Confidential information is not available to anyone other than the particular employer. An employer may then generate a variety of reports (stage 827).

In one embodiment, an employer may list as many or all of its employment positions at no cost, because, unlike newspaper classified employment ads and existing on-line systems,

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there are no up-front fees for creating an employer account or listing a job. Fees are only charged and collected if the talent and the employer mutually agree to the release of the talent's contact information, or if the employer purchases other optional services or products from the career site.

Consistent with the present invention, employer profiles are received and stored in the employers database for any employer that wishes to store an employer profile in the system. Employer profiles are made available to the public for searching and browsing without any contact information, except that employer names may or may not be displayed to the public at the option of the career site operator.

Even employers that are not currently seeking talent may develop and maintain employer profiles including an extensive list of jobs. Unless an employer elects otherwise, all of the employer's jobs are continuously available for consideration by prospective employees, thereby enhancing the employer's ability to optimize the skills represented by his or her personnel. Thus, the present invention contemplates continuous recruiting by an employer for all of its jobs. It is anticipated that the typical employer will elect to display all of its jobs continuously. In the event that an employer does not want to continuously display one or more of its jobs, the employer may elect to make one or more jobs "invisible" to others until employer reverses that election.

In completing an employment profile, an employer is guided through a detailed, multistep process during which the employer provides information, such as: (i) personal contact information; (ii) billing information; (iii) divisions; (iv) account users; (v) industry classification(s); (vi) job listings; (vii) qualifications and skills required for each job; (viii) occupational classifications; (ix) trade affiliations; (x) whether FERI is requested, such as, for

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example, for affirmative action programs; (xi) whether citizenship information is required for use in programs, such as government contracting programs; (xii) the location of jobs; and other relevant information. If an employer chooses not to complete an employer profile, he or she will not have full access to the site until the minimum requirements for an employer profile are satisfied. The minimum requirements for an employer profile include (i) the primary account information providing detailed information about the employer, including contact information for the account manager, (ii) the billing information, and (iii) at least one job listing.

If the employer elects to complete an employer profile, the results are stored for searching, analytical, and reporting purposes (stage 826). Based on the stored information, a fully disclosed employer profile including all job listings is available for inspection by the employer and its authorized users, and job listings without contact information are available for public inspection (stage 828).

After an employer has completed the minimum requirements for an employer profile, an employer may access any authenticated user area of the career site via direct sign-in (stage 830), including maintaining aspects of the employer profile pursuant to Fig. 8 and Fig. 9, and conducting full searches of the talent and employers databases. In one embodiment, employers may be restricted from searching the employers database. At stage 831 it is determined whether an employer response is required. If not the process continues to stage 808. If a response is required (stage 832), the session ends (stage 805) if no response is provided and continues at stage 808 if an appropriate response is presented at stage 832.

In one embodiment, once an employer registers and authenticates with the site, the employer may access a career site message repository that resembles an electronic mailbox. The message repository contains information about the talent profiles for which employer has

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submitted requests for the release of contact information, including linked talent profile, the dates of employer inquiry and talent response, whether the talent has accepted or declined to release contact information, and the reason talent declined, if applicable and available. The message repository also contains information about talents' employment inquiry submissions to the employer, including linked talent profile, dates of talent inquiry and employer response, whether the employer has accepted or declined the inquiry, and the reason that the employer declined the talent's inquiry, if applicable.

Employer's previously selected user-ID and password. Next, employer is presented with all talent-initiated and certain employer-initiated inquiries (e.g., for example, the results of automatic searches) that have occurred since employer's last visit to the site or another time period determined by the career site operator. In one embodiment, before conducting any transactions on the career site (stage 1001), such as, for example, maintaining employer account, billing, division, user, FERI, work authorization information, other regulated job information, job listings, or searches, an employer is presented with a display of messages from the career site (stage 1022), some of which may require a response from the employer, such as, for example, if talent have made inquiries regarding the employer's job listing(s) and the employer must accept or decline the inquiry, or if the employer has not responded to the follow-up survey that is described in connection with Fig. 14. After responding, an employer may proceed to maintain its account and conduct searches as it wishes (stages 808 and 822).

Fig. 10 is a flow diagram representing a process for conducting searches of talent profiles consistent with the present invention. To conduct a search, an employer identifies a talent profile by way of self-search (stage 1003) or may specify an automatic search (stage 1004). In

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performing a self-search, an employer uses a search form to perform individual, custom searches of the talent database. Automatic searches are conducted on a recurring basis, such as daily, by the career site operator based on the search parameters that the employer has specified for each of its job listings. To conduct a search, whether self-search or automatic search, employers must specify a geographic point of reference and at least one of several non-geographic search parameters, such as industry, occupation, license, language, etc.

In one embodiment, an employer may initiate a search by specifying the search either as (a) a domestic search as described earlier in this patent application, and by selecting a geographic point of reference such as a country, state, county, city, or zip code and at least one non-geographic search parameter; or (b) as a foreign search as described earlier in this patent application, and by selecting a country and at least one non-geographic search parameter. With respect to the geographic selection, an employer may indicate its selection from a drop-down list of choices corresponding to the level of geographic area of interest to employer. For example, if an employer is interested in searching for talent of a certain type within a country, then the employer will select a country from a predetermined list of countries and all talent profiles in that country that match the employer's other search parameters will be reported in order of a score (discussed below) calculated by the career site operator.

For domestic searches, an employer may optionally provide cumulatively more restrictive geographic search parameters by choosing from progressively smaller geographic subdivisions, such as: (i) state, province, or region within a particular country; (ii) county or parish within a particular state, province or region; and (iii) city, town, or village within a particular country or parish. In one embodiment, a pre-existing geographical database facilitates the collection of structured data by providing employers with an enumerated list of possible selections for each

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step. Specifically, if an employer wishes to specify a city, it selects a country from the list of possible countries, then selects a state, province, or region from a list of the same from within the selected country, and, finally, selects a city from a list of cities and towns within the selected state, province, or region. Some countries may not have state, provinces, regions, counties, or parishes, or the same may be unknown to the career site operator, in which event, the employer may select directly from the available list of cities, towns, or villages within the particular country. In one embodiment, employers may by-pass certain geographical subdivisions, such as counties or parishes within the states of the U.S. or within the states, provinces, or regions of other countries, and directly select a city, town, or village within a particular state, province, or region.

In one embodiment of domestic searches, if an employer elects to search for talent profiles by postal code, the employer selects a country from a list of countries. Next, the employer provides a postal code corresponding to the selected country, and the employer need identify no other geographic subdivision of the selected country, but must identify at least one non-geographic search parameter.

In one embodiment, a predetermined number of talent profiles will be reported to an employer based on the geographic area the employer selected, and the employer's other search parameter(s). At least one non-geographic search parameter is required.

In one embodiment, multiple non-geographic search parameters may be specified. In one embodiment, the group of search steps includes, accessing the career site databases (stage 1005), via different types of searches for example: (i) industry search; (ii) occupation search, including hospital department, if applicable; (iii) education search, including educational institution and multiple levels of education consisting of (a) the specific level of education, such as, for

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example, bachelor, master, or doctorate, (b) field of study, and (c) specialty, such as, for example, in the case of licensed health care professionals and others; (iv) licenses and certifications keyword search; (v) languages search, including searches of talents' level of fluency in reading, writing, and conversing; (vi) analytical skills search; (vii) communications skills search; (viii) mechanical skills search; (ix) prior employer search; and (x) other keyword search. In this embodiment, each additional search step may be specified as cumulative (i.e., A and B) or alternative (i.e., A or B). For example, an employer may formulate a search as follows: all talent profiles in a particular city displaying a predetermined level of education *and* a predetermined license. An employer may also formulate a search in the alternative: i.e. all talent profiles in a particular postal code requiring either a predetermined level of education *or* a predetermined certification.

In this embodiment, an optional industry search makes use of an underlying industry database to facilitate collection of structured data. In one embodiment, the industry database contains five tiers of industry specificity. An employer may specify only the first tier of industry specificity, resulting in a broad search. Alternatively, employer may specify an industry at a more detailed level, resulting in a more focused search. In this embodiment, an employer may also specify a number of years of experience in the specified industry. By specifying a number of years of experience, an employer may filter out those talent profiles with less industry experience than the employer specified.

If an employer elects to provide occupation search parameters, the employer is requested to provide an occupational division based on the DOT. To facilitate a more detailed search, an employer may also optionally provide occupational group, or occupational title. In one embodiment, employer may additionally provide a department, for example, in the case of

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searching hospital job descriptions. An employer may also search by specialty, for example, in the case of licensed health care professionals.

In connection with occupation search parameters, an employer may also specify a number of years of experience in the specified occupational division, group, or title. The number of years of experience may be used to filter out those talent profiles that display less occupational experience than employer specified.

In one embodiment, an employer may elect to search occupational categories, divisions, groups, or titles that are different from the occupational category, division, group, or title for which the employer is seeking talent, but that involve similar skill sets. Therefore, an employer's search for skills is not limited to talent with experience in a particular occupation. Instead, the employer may search any other occupation that it believes may suit its needs.

If an employer elects to provide education search parameters, it provides an educational level, i.e. general equivalency diploma (GED), high school, vocational school, college – associate, college – bachelor, college – master, or college – doctorate. An employer may further specify a field of study, i.e. "mathematics." An employer may also further specify a specialty, e.g. a medical specialty of "Plastic Surgery."

An employer may also elect to search for talent profiles using the component skills described by the DOT as constituting analytical skills, communications skills, and mechanical skills. In this embodiment, an employer may specify any number and combination of such skills to search for talent who have described their skills of the type specified by the employer. Therefore, an employer's search for skills is not limited to talent with experience in a particular occupation. Instead, the employer may base its search on a specified set of skills, thereby searching all other occupations for the specified skill set.

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An employer may also elect to search for talent profiles evidencing specific language skills. In this embodiment, the employer (i) specifies one or more languages from the career site's languages database; (ii) chooses any number or combination of language-related skills (e.g., "writing," "reading," and "conversing") and (iii) specifies a fluency level (e.g., "fluent," "moderate," or "none"). In this embodiment, the employer may specify one or more languages, and search on either a cumulative basis (such as English *and* Chinese) or an alternative basis (such as Italian *or* French). In this embodiment, using "and" will result in a more limited search result, while using "or" will result in a broader search result.

An employer may also elect to provide a search step that searches talent profiles using a prior employer name. In this embodiment, talents' current employers' names are not searched. Additional keyword search steps include searching by at least one license or certification keyword, i.e. "professional engineer" or "certified nurse anesthetist." Other keyword search steps may be provided, corresponding to which the text of any searchable parameter of a talent profile will be matched for the purpose of the search.

In one embodiment, search results are provided in a structured format in which "blind" talent profiles (that is to say, without any talent contact information) are provided only if they satisfy all of the criteria as set forth in connection with employer-provided job search parameters. In one embodiment, for search reporting purposes, talent profiles are scored according to a best fit with the employer-specified parameters. In this embodiment, a low score is best. A talent profile receives a score of "1" if talent's current employment position is in the industry specified in the search. A talent profile receives a score of "2" if talent's first prior employment position corresponds to the specified industry and a score of "3" if talent's second prior employment position corresponds to the specified industry, and so on. In one embodiment, if none of talent's

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employer. Similar scores may be assigned in relation to employer departments, such as in the case of hospital departments.

In one embodiment, additional scores are associated with a best fit between a talent's employment and an occupation specified in connection with the search. A score of "1" is assigned in the case that talent's current employment position is in the selected occupation. A score of "2" is assigned if the first prior employment position corresponds to the specified occupation, and so on. As disclosed in connection with fit between employment and industry, a lack of employment experience in the specified occupation will result in exclusion of the talent profile.

In one embodiment, an additional score is associated with whether the specified educational level is "achieved," i.e. talent has already graduated, or "expected," i.e. talent is expected to graduate in the near future. In this embodiment, a score of "1" is assigned to a talent profile in which the educational level is denoted "achieved" and a score of "2" is assigned to a talent profile in which educational level is denoted "expected." Similar scores may be provided in connection with academic major and medical specialty.

In one embodiment, if the employer specified a language search, a score of "1" is given if the reported talent profile reports "fluent" writing skills for the language specified by the employer, a score of "2" is given if "moderate" writing skills are reported, and a score of "3" the talent profile reports no writing skills in the specified language. The same scoring is applied to reading and conversing skills in the specified language.

In one embodiment of the language search feature, if an employer specifies cumulative language requirements, a talent profile will not be reported unless if evidences skills for each

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specified language. In another embodiment, if an employer specifies an alternative language requirement, a talent profile will be reported if it reports any one of the specified languages.

In order to calculate a final score for ranking talent profiles, component scores are added, and the talent profiles are ranked in ascending order. In this embodiment, talents' profile scores are not disclosed in the ranking of talent profiles. In this embodiment, talent profiles having the same score are ordered alphabetically by talent name. In this embodiment, talents' names are not disclosed. Other methods may be employed to order the presentation of talent profiles without departing from the scope of the present invention.

In one embodiment, if a search yields more than a predetermined number of talent profiles, such as for example 25, then no talent profiles are reported to the employer, and the employer is requested to provide a narrower search. In one embodiment, only a predetermined number of blind talent profiles are reported to the employer, and the employer is warned that the reported set of talent profiles exceeds the predetermined number, and is advised to narrow the search. The number of talent profiles reported to an employer by the career site operator may range from one talent profile to all matching talent profiles without departing from the scope of the present invention.

In one embodiment, search results are provided in a structured format, in which talent profiles are provided only if they satisfy all of the criteria as set forth in connection with employer-provided talent profile search parameters.

In one embodiment, for search reporting purposes, talent profiles are separated into two groups: (i) talent profiles that match the search criteria, and that are within the specified point of geographic reference, such as a city or postal code; and (ii) talent profiles that match the search criteria, and are outside of the specified point of geographic reference, but are within the

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MSA/PMSA and CMSA that encompasses the selected point of geographic reference. In connection with group (ii), a distance is optionally provided between the location of each talent and the employer-specified location in the search.

In one embodiment, an automatic search is performed based on employer specifications similar to that provided in connection with a self-search. In an automatic search, the career site performs an automatically recurring periodic search for each job listing against all talent profiles. In one embodiment, if an employer specifies an automatic search, the system will save one unique automatic search for each job listing (stage 1007). In this embodiment, search results are presented pursuant to each employer-specified search routine in the fashion previously described for self-searches. If, alternatively, the employer identified a talent profile via a self-search, in one embodiment the system may save only the most recent search (stage 1006). In alternative embodiments, a larger number of self-searches and automatic searches may be stored to facilitate repeating self-searches or to provide automatic search alternatives at later times.

An employer-initiated match is a match that occurs because of an initial action taken by employer. When an employer-initiated match occurs, it is because of one of several reasons including: (i) the employer has located a talent profile through self-search; and/or (ii) the employer has received notice of a match from the career site by way of an automatic search. As a result of a match, "blind" profiles are identified (stage 1008). An employer may save the search results (stage 1009 and stage 1010), or discard the results by conducting another search (stage 1024 and return to stage 1002) or end the session (stage 1023).

The employer may select one or more talent profiles from the search results to process as employment inquiries to talent (stage 1011), may conduct another search (stage 1012) or may end the session (stage 1013). If the employer wants to process its selection(s) as employment

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inquiries, it submits the selections to the career site operator (stage 1014). Upon the employer's submission of a employment inquiry to the career site, the employer has given its consent to the purchase of the talent's contact information assuming that the talent consents to the release of the information.

At this point, the career site operator checks the employer's account to determine that all billing information is current (stage 1015). If it is not, then the employer receives a message that its billing information must be updated (stage 1021), the message is saved (stage 1022) and the session ends (stage 1023) until the employer has updated its billing information. An employer's account becomes "inactive" if its billing information is determined to be not current, because current billing information is required in order to satisfy the minimum requirements for an employer account.

If the employer saved the search results (stage 1009), then the same may be accessed for submission to the career site operator after the employer has updated its billing information. If not, the search results are lost. If the employer's billing information is current (stage 1015), links to the selected talent profiles are saved (stage 1016), and processing continues.

The next step is to determine whether the maximum compensation that the employer is willing to pay is greater than the minimum compensation specified by the talent (stage 1017). In one embodiment, talent profiles that match the employer's skill requirements are reported to the employer for consideration, but will not be forwarded to the talent unless the employer adjusts its maximum pay scale to a level that exceeds the amount required by the talent. If an employer selects a talent profile that requires greater compensation that the employer has defined for its job listing, the employer receives a message that the compensation it is offering is less than the

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talent requires; therefore, a request to disclose contact information will not be forwarded to the selected talent (stage 1018).

If the employer chooses, it may redefine the maximum compensation defined in its job listing, and resubmit its employment inquiry. In one embodiment, the minimum compensation that the talent requires is not reported to employers for this purpose, although it is possible that an employer could ascertain the information through a process of trial and error. If the maximum compensation the employer has specified for its job listing exceeds the talent's minimum compensation requirement, then the process proceeds to Fig. 5B.

Fig. 5B is a flow diagram representing a series of processes for requesting and obtaining (i) federal employment records information ("FERI"), i.e., race and gender information (stage 551), which is represented in greater detail at Fig. 6B, described below; (ii) work authorization information (U.S. citizenship for certain jobs lawfully requiring the same) (stage 553), which is represented in greater detail at Fig. 7B described below; and (iii) other regulatory parameters that may arise in the future (stage 555). If the job listing has no FERI (stage 551), work authorization (stage 553), or other regulatory (stage 555) requirements, then the job listing is sent to the selected talent for consideration (stage 557).

In one embodiment, a talent may specify any number of employers as "preferred," which means that the talent has given advance consent to release his or her confidential contact information to those employers. If the talent specified the particular employer as preferred, then processing proceeds to Fig. 12. Fig. 12 was previously discussed in connection with talent-initiated processes and is discussed from the perspective of employer-initiated processes below. If the talent did not specify the employer as preferred, then processing proceeds to Fig. 11.

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If the job listing is not subject to FERI (stage 551), then processing advances to the work authorization stage (stage 553). If the job listing is subject to FERI, then processing transfers to Fig. 6B, which is a flow diagram for the process of requesting and obtaining FERI.

At Fig. 6B, first, the talent profile is checked to determine if the talent has already saved his or her FERI (stage 661). If the answer is "yes," then processing returns to Fig. 5B, whereupon processing advances to the work authorization stage (stage 553). If the answer is "no," then information about the employment opportunity is presented to the talent, who is asked to complete the optional FERI page of his or her talent profile (stage 652), and is presented with an electronic link to that page. If the talent does not complete the FERI page (stage 653), then processing again returns to Fig. 5B at stage 553, and the transaction may still go forward because the disclosure of FERI by talent is entirely optional. If the talent does complete the FERI page, then that information is saved for the benefit of the employer's employment reporting obligations (stage 659). In this section, FERI information is saved on behalf of an employer (stage 660). In connection with this information various reports are generated (stage 661). The reports include information about numbers of candidates in particular groups and may be used for statistical purposes and to show compliance with applicable governmental regulations. Next the routine ends (stage 672).

If the talent provides FERI, the talent is given an opportunity to save his or her FERI (stage 656 and 657), which allows the talent to avoid this processing routine in the future. If the talent saves his or her FERI, then that information is not publicly presented on his or her talent profile (stage 658), but may be disclosed to employers as part of the employment process. In the event of disclosure to employers as part of the employment process, employers may not use the

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information to unlawfully discriminate in any way. At this point, processing again returns to Fig. 5B.

Next, the career site determines whether the employer's job listing indicates a work authorization requirement, such as for certain positions and contracts with the U.S. government and its political subdivisions (stage 553). If the answer is "no," then processing advances to consider other regulatory parameters (stage 555). If the answer is "yes," then processing transfers to Fig. 7B, which represents a process for requesting and obtaining work authorization information.

At Fig. 7B, the career site determines whether the talent profile selected by the employer includes a completed work authorization section (stage 751). If the employer profile includes the required work authorization information, the career site determines if the talent is qualified for the particular job (stage 752). If the answer is "no," then the talent and employer receive messages that the talent is not qualified because of the work authorization limitation (stage 753), the information is stored for both employer and talent (stage 763), and processing ends (stage 764). If the career site determines that the talent qualifies for the job (stage 752), then processing returns to Fig. 5B at stage 555.

If the talent profile does not include work authorization information (stage 751), then the talent is presented with a request to supply the work authorization information and an electronic link to the work authorization page of his or her talent profile (stage 754). If the talent declines to complete the work authorization (stage 755), then the employer is notified of the talent's denial (stage 765), the talent's denial is saved for both the employer and the talent (stage 768), and processing ends (stage 769). However, the employer is given an option of continuing the recruiting process (stage 768) because the employer could obtain the work authorization

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information after interviewing the talent with the talent's consent. If the employer elects to continue, then the process returns to Fig. 5B. If the employer does not elect to continue, then the process ends (stage 769).

Returning to stage 755, if the talent completes the work authorization request but is not qualified (stage 756), then both the talent and the employer are notified of that fact (stage 757), the notice is saved for both the employer and the talent (stage 768), and the process ends (stage 769). If the talent is qualified for the job (at stage 756), processing proceeds back to Fig. 5B.

In one embodiment, regardless of whether the talent is qualified for employment in jobs requiring U.S. citizenship, the talent may elect to save his or her work authorization information in his or her talent profile (stages 758, 760, and 761), whereupon this portion of the routine ends (stage 769). If the talent does not elect to save his or her work authorization information in his or her talent profile, then the data is discarded (stage 759).

Returning to Fig. 5B, because it may reasonably be anticipated that job listings may be subject to other governmentally imposed restrictions or record keeping, exemplary processes of Fig. 5B contemplate other routines for processing such requirements (stages 555 and 556).

After the FERI, work authorization, and other regulatory parameters have been processed, the career site determines if the employer is "preferred" (stage 557), as previously discussed. If the talent specified the particular employer as preferred, then processing proceeds to Fig. 12. If the talent did not specify the employer as preferred, then processing proceeds to Fig. 11.

Turning to Fig. 11, if the talent did not list the employer as preferred, then the employment opportunity is submitted to the talent for his or her consideration (stage 1101). The inquiry consists of the particular Job Listing (stage 1102), a Request to Release Contact

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Information (stage 1103), and a brief survey for use in the event that the talent declines the opportunity (stage 1104). The inquiry sent to the talent may be effected by a variety of means, including displaying a message to the talent upon sign-in, via e-mail, regular mail, or some combination of means. The information supplied to the talent may include the name of the employer and the city, state/province, and country of the employer but omits any personally identifying information for the employer and its personnel, and omits the employer's address, phone number, and e-mail address.

In one embodiment, if the information provided to the talent includes the name and geographic location of the employer, the talent may determine the address and phone number of the employer from sources outside of the career site, and attempt to contact the employer directly instead of using the services of the career site. However, a number of factors make such a circumstance unlikely. First, by using the career site, employers have stated a preference for using the site's procedures. Second, the easiest way for the talent to pursue the opportunity presented by the employer is for the talent to utilize the process adopted by the employer, i.e., the career site. Third, employers contractually agree that they will not circumvent the career site system. Fourth, if the career site system were circumvented, important records of the employer's recruiting and hiring process would not be created to be available to the employer and the talent in the future.

In one embodiment, upon receiving an employment inquiry, a talent is asked to respond (stage 1105). If the talent does not immediately respond, then he or she becomes "inactive," meaning that he or she cannot apply for jobs or receive new opportunities from employers (stage 1106). Upon each sign-in, the talent is prompted to respond to outstanding messages (Fig. 3 at stage 324). If the talent has not responded within a predetermined number of days after the date

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of the employer-initiated inquiry, then the employer receives a message from the career site to the effect that the talent has declined the employer's inquiry, but that no reason was given (stage 1107), and the message is saved for the employer and the talent and the process ends (stages 1110 and 1111).

If the talent does respond, such response will be to either grant or decline permission to release his or her contact information (stage 1108). A decline response requires the answer to a brief survey requesting the reason for declining (stage 1109). Possible reasons may include, for example, the geographic location of the employer, the nature of the job, or talent's personal circumstances, among others. Again, the response is saved for the employer and the talent (stage 1110). If the talent grants permission to release his or her contact information, then that action is saved for the employer and the talent (stage 1112). Processing then continues at Fig. 12.

## VII. COMPLETING THE TRANSACTION

After the talent and the employer have reached mutual consent to the release of talent's contact information, an employer becomes obligated to purchase the "compete" talent profile (stage 1208) that includes the talent's contact information. At such time, the career site sends a notice to the talent to expect contact from the employer (stage 1209), the talent contact information is released to the employer (stage 1210), and the career site invoices and collects its fee from the employer (stages 1211, 1212, and 1213). These transactions are saved for the talent, the employer, and the career site (stage 1214) so that various reports may be prepared (stage 1215). In one embodiment, some reports relate to aggregate information gathered during the operation of the career site and may be used to identify employment trends. After talent contact information is purchased, processing advances to Fig. 13.

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Returning to stage 1208, for an employer that purchases a complete talent profile there are several payment options, including, for example: (i) by credit card; (ii) by prepaid account in which an amount of money is pre-deposited with a career site operator; and (iii) by periodic invoice. In connection with a prepaid account, as an employer purchases talent profiles, fees are deducted from the corresponding account, and periodically, the employer is notified that it is time to replenish the account. Talent contact information may not be purchased if there is insufficient money in an employer's prepaid account to effect the transaction(s). In connection with the periodic invoice, employers must have met the career site's established credit criteria. For such employers, a monthly statement will be sent for payment on pre-established terms.

Fig. 13 is a flow diagram representing a procedure of the career site for paying referral fees and commissions that may be payable with respect to completed transactions. In one embodiment, through an affiliate program, referral fees are paid as further described in Fig. 15, Figs. 16, 17, and 18. First, referral fees and commissions are processed (stage 1301). Next, affiliates, wholesalers, and retailers of career site marketing services are sent a message regarding earned referral fees, as appropriate (stages 1302, 1303, and 1304). Next, transactions are stored for processing in the next payment cycle (stage 1305). Finally, payment is made to affiliates, wholesalers, and retailers and the session ends (stages 1306 and 1307).

#### VIII. TRADE ASSOCIATIONS

Affiliate organizations in good standing such as trade associations may earn referral fees by referring employers to the career site (see Fig. 13 and Fig. 15). Fig. 15 is a block diagram representing interrelationships between market participants in a system consistent with another embodiment of the present invention, including a marketing program directed to employers.

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Each time a complete talent profile 1501 is completed by talent 1500 and purchased by a referred employer 1505, a referral fee is paid to the affiliate trade association 1506 by career site operator 1503. In this embodiment, transactions are effected in part by employers using trade associations database 222 to identify trade associations to which they (or their divisions) belong. In this embodiment, if the trade association identified by the employer has become a career site "affiliate" then the trade association 1506 will receive a referral fee for each "complete" talent profile 1501 purchased 1507 by such employers 1505 based on job listings 1504 provided by employers 1505.

Trade associations 1506 become approved associations by (i) agreeing to a list of responsibilities, (ii) encouraging member employers to submit job listings, and (iii) providing the career site with a list of its employer-members. In exchange for promoting the career site and the career site operator 1503, the trade association 1506 receives a referral fee whenever a match occurs between a talent profile and a job listing, and the career site is paid. A match occurs when (a) talent agrees to release his or her contact information to an employer, and (b) the employer agrees to purchase that talent's contact information.

In one embodiment, trade associations receive a percentage or fixed referral fee on the revenues that the career site operator earns when talent and employer mutually agree to contact each other regarding employment. The referral fee is paid with respect to all of the employer's job listings, provided that the employer has listed the trade association in the trade affiliations section of its profile. A trade association will continue to receive the referral described as long as it maintains good standing.

In this embodiment, good standing requires several actions on the part of an affiliated association, including (i) publicly endorsing the career site operator; (ii) consenting to the use of

its name in connection with career site advertisements; (iii) promoting career site to its members as part of its member employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its member newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the association's web site to the career site.

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# IX. EDUCATIONAL INSTITUTIONS, PROFESSIONAL ASSOCIATIONS, AND LABOR UNIONS

Affiliate organizations in good standing such as educational institutions, professional associations, and labor (or trade) unions may earn referral fees by referring talent to the career site (see Fig. 13 and Fig. 16). Each time a referred complete talent profile 1604 is purchased by an employer 1606 and the career site is paid, a referral fee is paid to the affiliate educational institution 1601 and/or professional association 1602 and/or labor union 1603. In this embodiment, the transactions are effected in part by talent 1600 using educational institutions database 215 and professional associations and labor unions database 223 to precisely identify educational institutions 1601 that they have attended and professional associations 1602 and/or labor unions 1603 to which they belong. In this embodiment, if the educational institution and/or professional association and/or labor union identified by the talent has become a career site "affiliate" then the educational institution 1601 and/or professional association 1602 and/or labor union 1603 will received a referral fee each time the talent's "complete" talent profile is purchased.

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Fig. 16 is a block diagram representing interrelationships between market participants in a system consistent with another embodiment of the present invention, including a marketing program directed to talent. Educational institution 1601 participates by working with talent 1600

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to contact and provide information to career site operator 1605. Job listings 1607 are provided to career site operator 1605 by employers 1606, and when a match and purchase occur 1608, a referral fee is paid to an appropriate educational institution 1601 and/or professional association 1602 and/or labor union 1603.

In one embodiment, educational institutions 1601 receive a percentage or fixed fee on the revenues that the career site earns when talent and employer mutually agree to contact regarding employment 1608. Talent 1603 must have listed the educational institution 1601 in his or her education history associated with the talent profile 1604. An educational institution 1601 will continue to receive the referral fee as long as it is in good standing.

Educational institutions 1601 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) promoting career site to its students and graduates as part of its student employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its alumni newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the educational institution's web site to the career site. In one embodiment affiliates enter into an exclusive marketing relationship with the career site, meaning that the affiliate will not participate in an affiliate program with another career site.

In one embodiment, professional associations 1602 and labor unions 1603 may receive a percentage or fixed referral fee on the revenues that a career site earns when talent 1600 and employer 1606 mutually agree to contact regarding employment 1608. Talent 1600 must have listed the professional association 1602 and/or labor union 1603 in his or her special skills and affiliations section, associated with the talent profile. A professional association 1602 or labor union 1603 will continue to receive the referral fee as long as it is in good standing.

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Professional associations 1602 and labor unions 1603 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) promoting career site to its members as part of its member employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its member newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the professional association's or labor union's web site to the career site.

### X. WHOLESALERS

In one embodiment, through a wholesaler program, wholesalers in good standing may earn commissions as further described in Fig. 13 and Fig. 17. A wholesaler earns a commission (a) if it is responsible for establishing an employer account, in which case a commission is paid each time the employer purchases a complete talent profile and the career site is paid, and/or (b) if it is responsible for recruiting as an affiliate a trade association, professional association, or educational institution, in which case a commission is paid each time the affiliate is paid a referral fee. In this embodiment, the transactions are effected in part by talent 1708 using educational institutions database 215 and professional associations and labor unions database 223 to precisely identify educational institutions 1706 that they have attended and professional associations 1705 and/or labor unions 1707 to which they belong, and by employers using trade associations database 222 to precisely identify trade associations 1701 to which they belong. In this embodiment, if the trade association, professional association, educational institution, or labor union, identified by the talent and/or employer has become a career site "affiliate" through the efforts of the wholesaler 1700, then the wholesaler 1700 will paid a commission each time

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such trade association 1701, professional association 1705, educational institution 1706, or labor union 1707 receives a referral fee.

Fig. 17 is a block diagram representing interrelationships between market participants in a system consistent with yet another embodiment of the present invention, including wholesale marketing of a career site. Wholesalers 1700 work in conjunction with trade associations 1701, professional associations 1705, educational institutions 1706, and labor unions 1707. Trade associations 1701 provide marketing that results in employers 1702 listing jobs 1703 on the career site 1704. Professional associations 1705, educational institutions 1706, and labor unions 1707 provide marketing directed at members and students becoming talent 1708 who post talent profiles 1708 to the career site 1704. When a match 1710 occurs, commissions are paid to the responsible wholesaler 1700 at the time that referral fees are paid to the career site-affiliated trade association 1701, professional association 1705, educational institution 1706, and/or labor union 1707

In one embodiment, wholesalers 1700 are selected from a group of public accounting firms, payroll processing firms, human resource consulting firms, human resource software developers, and other designated entities. In this embodiment, wholesalers 1700 receive percentage commission on the revenues a career site realizes when talent 1708 and employers 1702 mutually agree to contact each other regarding employment 1710. The commission is paid with respect to an employer's entire job listings, provided that the employer 1702 account was assigned to wholesaler 1700 at the time the employer 1702 account was established.

In one embodiment, wholesalers 1700 receive commissions as a wholesaler so long as it and the trade associations 1701, professional associations 1705, educational institutions 1706, and labor unions for which it is responsible remain in good standing. The requirements for trade

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associations 1701, professional associations 1705, educational institutions 1706, and labor unions 1707 remaining in good standing were discussed previously. Wholesalers 1700 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) using best efforts to promote the career site to employers for the purpose of listing all of their jobs on the career site; (iv) assisting employers (for fees to be paid by employers) with technical aspects of automatically listing all of the employer's jobs on the career site; (v) listing all of its jobs on the career site; and (vi) linking the wholesaler's web site to the career site.

#### XI. RETAILERS

In one embodiment, through a retailer program, retailers in good standing may earn commissions as further described in Fig. 13 and Fig. 18. Fig. 18 is a flow diagram representing the relationship of multiple levels of retailers with a career site in a system consistent with a further embodiment of the present invention. A first-level retailer 1800 earns a commission (a) if it is responsible for establishing an employer account with the career site, in which case a commission is paid each time the employer purchases a complete talent profile, or (b) if it is responsible for recruiting another retailer, consistent with the terms and conditions of the career site, in which case a commission is paid each time the other retailer is paid a referral fee. Alternative retailer processes may be employed using one or more levels consistent with local law.

A first-level retailer identifies a prospective employer (stage 1801). Next, it is determined whether the identified employer is subject to a preexisting wholesale or retail commission (stage 1802). If so, then no retail commission is payable in the case of the identified

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employer (stage 1803). Returning to stage 1802, if the employer is not subject to another commission, then when the employer pays the career site for talent contacts (stage 1804), a first level commission is paid to the first-level retailer (stage 1805). A first-level retailer may also recruit (stage 1806) second-level retailers 1807. Next, second level retailers add employers to the career site (stage 1808), and it is determined whether the added employers are subject to another commission (stage 1809). As described in connection with first-level retailers, if a particular employer is already subject to a commission, no retail commission is payable (stage 1803). On the other hand, if at stage 1809, it is determined that a particular employer is not subject to commissions, and the employer pays the career site for talent contacts (stage 1810), then the second-level retailer is paid a first-level commission (stage 1811) and a second-level commission is paid to the first-level retailer (stage 1812).

Further, second-level retailer 1807 may recruit (stage 1813) a third-level retailer 1814. The third-level retailer adds employers to the career site (stage 1815). If the employer is subject to another commission, no retail commission is payable (stage 1803). However, if the added employer is not subject to another commission (stage 1816) and the added employer pays the career site for talent contacts (stage 1817), then a first-level commission is paid to the third-level retailer (stage 1819), a second-level commission is paid to the second-level retailer (stage 1830) and a third-level commission is paid to the first-level retailer (stage 1820).

Finally, additional retail levels may be added to the system consistent with local law.

# XII. COMMERICALLY AVAILABLE REPORTS

Data generated with activities carried out in connection with the invention may contain commercially valuable information based on aggregated information. In one embodiment,

reports are marketed that indicate industry trends such as salary trends, including which industries are hiring, which industries are not hiring and which geographical areas are hiring and which are not.

## 5 XIII. STOREFRONTS

Employers may rent "storefronts" which are sections of the career site devoted to the particular employer. Employers who rent storefronts have broad discretion with respect to the information that they may present, but may not present personally identifying information, or information intended to circumvent the procedures of the career site, or information that is unlawful.

# XIV. FOLLOW-UP PROCESS

Fig. 14 is a flow diagram of a process whereby the career site initiates contact with talent and employers with respect to matches that have occurred between talent and employers, and the parties have agreed to the exchange of contact information, i.e., a purchase has occurred. In one embodiment, employers database 210, jobs database 211, and talent profiles database 205 are opened on a periodic basis, such as, for example 60 days after the date of the match (stages 1401 and 1402). The employers who purchased talent contact information are asked whether they hired the particular talent (stage 1403). The talent, whose contact information was purchased, are asked whether they were hired by the particular employer (stage 1404). Any responses (stages 1405 and 1406) are saved (stage 1407), and various talent and employer reports may be prepared (stage 1408), and the routine ends (stage 1409).

### XV. ENTERPRISE DATABASES

Methods, systems, and distributed networks consistent with the present invention are capable of facilitating transmission and processing of job description information directly from enterprise human resources and other applications, such as, for example, enterprise database systems from PeopleSoft, Inc. and SAP AG. Similarly, trade or professional associations, educational institutions or other entities may have sufficient consent and data to provide talent profile information for its members or students. This information may be exchanged in various ways as will be apparent to one of ordinary skill in the art.

It will be appreciated by those of ordinary skill in the art that the invention can be embodied in other specific forms without departing from the spirit or essential character hereof. The present description is therefore considered in all respects to be illustrative and not restrictive. The scope of the invention is indicated by the appended claims, and all changes that come within the meaning and range of-equivalents thereof are intended to be embraced therein.

### WHAT IS CLAIMED IS:

1. A system for collecting and classifying information using a structured information format, said system comprising:

an employment management system configured to provide continuous recruiting and continuous career enhancement by providing a search interface to a plurality of job descriptions and to a plurality of blind résumés, wherein employers provide said job descriptions and talent provide talent information corresponding to said blind résumés.

- 2. The system as set forth in claim 1, wherein personal contact information corresponding to at least one selected résumé is provided to said employers after said employers agree to purchase said personal contact information.
- 3. The system as set forth in claim 1, wherein said employers are provided an opportunity to purchase personal contact information corresponding to at least one selected résumé if a selected talent corresponding to said selected résumé indicates consent.
- 4. The system as set forth in claim 3, wherein said consent is indicated by specifying at least one preferred employer.
- 5. A method of authorizing information exchange between at least one candidate in a plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said method comprising:

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matching said candidate with said employer based on said candidate requirements and said employer requirements;

receiving a request for interview from at least one of said candidate and said employer; and

determining whether there is mutual consent to said request for interview.

- 6. The method as set forth in claim 5, wherein said information exchange occurs in preparation for an interview.
- 7. The method as set forth in claim 5, wherein said determining further comprises comparing a preferred employer specification in said candidate attributes with said employer.
- 8. The method as set forth in claim 5, wherein said determining further comprises receiving a response to said request for interview from at least one of said candidate and said employer.
- 9. The method as set forth in claim 5 further comprising receiving payment from said employer for providing contact information for said candidate.
- 10. The method as set forth in claim 9, wherein an amount of said payment is chosen from a general equivalency diploma amount, a high school amount, a vocational educational training amount, an associate degree amount, a bachelor degree amount, a master degree amount, and a doctorate amount, wherein said doctorate amount is less than or equal to said master

degree amount, which is less than or equal to said bachelor degree amount, which is less than or equal to said associate degree amount, which is less than or equal to said vocational educational training amount, which is less than or equal to said high school amount, which is less than or equal to said general equivalency diploma amount.

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11. A computer system for coordinating information exchange between at least one candidate in a plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said computer system comprising:

a comparator operable to match said candidate with said employer based on said candidate requirements and said employer requirements;

an interface operable to receive a request for interview from at least one of said candidate and said employer;

said comparator further operable to determine whether there is mutual consent to said request for interview; and

a payment interface operable to receive payment from said employer based on an occurrence of said mutual consent.

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12. The computer system as set forth in claim 11, wherein said comparator is further operable to compare a preferred employer specification in said candidate attributes with said employer.

- 13. The computer system as set forth in claim 11, wherein said interface is further operable to receive a response to said request for interview from at least one of said candidate and said employer.
- 14. A distributed network for facilitating interviews between at least one candidate in a plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said distributed network comprising:

means for managing enterprise database resources;

means for matching said candidate with said employer based on said candidate requirements and said employer requirements;

means for receiving a request for interview from at least one of said candidate and said employer; and

means for determining whether there is mutual consent to said request for interview.

- 15. The distributed network as recited in claim 14 further comprising means for receiving payment from said employer for providing contact information for said candidate.
- 16. The distributed network as recited in claim 14, wherein said means for determining whether there is mutual consent further comprises means for comparing a preferred employer specification in said candidate attributes with said employer.

- 17. The distributed network as recited in claim 14, wherein said determining whether there is mutual consent further comprises means for receiving a response to said request for interview from at least one of said candidate and said employer.
- 18. A method of receiving information regarding at least one candidate from a plurality of talent-contributors, said candidate having candidate attributes, said method comprising:

receiving personal information associated with said candidate;

receiving experience information regarding said candidate, said experience information relating to skills attributes; and

receiving skills descriptions corresponding to said skills attributes.

- 19. The method as set forth in claim 18, wherein said receiving personal information further comprises maintaining records of said personal information.
- 20. The method as set forth in claim 18, wherein said personal information includes a name, a physical address, an electronic address, and a minimum compensation requirement of said candidate.
- 20 21. The method as set forth in claim 20, wherein said physical address is maintained in a consistent format.

22. The method as set forth in claim 20 further comprising identifying a nearest metropolitan area to said physical address, wherein said nearest metropolitan area is further designated as a metropolitan statistical area, a primary metropolitan statistical area, or a consolidated metropolitan statistical area.

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- 23. The method as set forth in claim 18, wherein said candidate attributes include career information regarding at least one past position of said candidate, said career information selected from structured occupational data operable to be matched with employer information pertaining to prospective employers.
- 24. The method as set forth in claim 23, wherein said structured occupational data includes at least one occupational title obtained from the Dictionary of Occupational Titles.
- 25. The method as set forth in claim 23, wherein said structured occupational data further comprises a reason said candidate is no longer employed in said past position.
- 26. The method as set forth in claim 23, wherein said candidate attributes include industry information regarding said past position of said candidate, said career information selected from structured industry data operable to be matched with said employer information.

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27. The method as set forth in claim 26, wherein said industry information further comprises a reason said candidate is no longer employed in said past position.

- 28. The method as set forth in claim 18, wherein said candidate attributes include structured industry data comprising classifications identified in the North American Industry Classification System.
- 5 29. The method as set forth in claim 28, wherein said classifications relate to at least one past position of said candidate.
  - 30. The method as set forth in claim 29, wherein said candidate provides descriptions of accomplishments of said candidate in said past position.
  - 31. The method as set forth in claim 18 further comprising:

    storing said personal information about said candidate in a memory; and

    providing access to said candidate attributes, said access operable to facilitate generation

    of reports regarding said plurality of talent-contributors.
  - 32. The method as set forth in claim 23, wherein said candidate provides information regarding compensation received by said candidate with respect to said past position.
- 33. The method as set forth in claim 31, wherein said personal information further comprises self-identification information including at least one of:

race-information regarding said candidate; gender-information regarding said candidate;

citizenship-information regarding said candidate; and lawful eligibility to work in at least one country.

- 34. The method as set forth in claim 33, wherein said self-identification information5 is received on an optional basis.
  - 35. The method as set forth in claim 33 further comprising providing said self-identification information to prospective employers to enable said prospective employers to comply with job-applicant-reporting requirements.
  - 36. The method as set forth in claim 18 further comprising receiving educational-background information associated with at least one educational institution which said candidate has attended.
  - 37. The method as set forth in claim 36, wherein said educational information further comprises a name of said educational institution, a level of education expected or attained, and at least one field of study.
- 38. The method as set forth in claim 18 further comprising receiving affiliation information corresponding to affiliations of said candidate, said affiliations including membership in at least one organization in a plurality of occupation-oriented organizations.

- 39. The method as set forth in claim 38, wherein said occupation-oriented organizations comprise professional associations, trade associations, and labor unions.
- 40. The method as set forth in claim 18, wherein said candidate attributes include

  desired-career information regarding at least one desired-career position.
  - 41. The method as set forth in claim 40, wherein said desired-career information includes a designation of at least one preferred employer.
  - 42. The method as set forth in claim 18 further comprising suggesting possible job descriptions to said candidate based on said candidate attributes.
  - 43. The method as set forth in claim 18, wherein said skills descriptions relate to language skills, analytical skills, people and communication skills, and mechanical skills of said candidate.
  - 44. The method as set forth in claim 43, wherein said language skills include reading, writing, and speaking.
- 45. The method as set forth in claim 44, wherein said description of said reading, writing, and speaking skills includes an assessment of proficiency in said skills.

- 46. The method as set forth in claim 43, wherein said analytical skills, people and communication skills, and mechanical skills correspond to said skills attributes described in the Dictionary of Occupational Titles.
- 47. The method as set forth in claim 46, wherein said skills descriptions comprise descriptions of nature, use, and proficiency of skills associated with said skills descriptions.
  - 48. The method as set forth in claim 46, wherein skills associated with said skills descriptions correspond to a skills coding system of the Dictionary of Occupational Titles.
  - 49. The method as set forth in claim 18 further comprising receiving an identification of licenses and certifications held by said candidate.
  - 50. The method as set forth in claim 18 further comprising receiving a description of professional and personal accomplishments of said candidate.
  - 51. The method as set forth in claim 18 further comprising receiving an indication of an interest level of said candidate in obtaining new employment.
- 52. A computer system including computer-readable instructions for receiving talent information regarding talent, said talent having talent faculties, said computer system comprising:

at least one memory in which said computer-readable instructions reside;

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a processor operable to execute said computer-readable instructions;

a communications adapter operable to receive said talent information from said talent, said communications adapter operative to communicate a portion of said talent information to a plurality of employers;

wherein said communications adapter is configured to receive contact data associated with said talent; and

wherein said communications adapter is further configured to receive background information regarding said talent, said background information including affiliation information corresponding to affiliations of said talent, said affiliations including membership in at least one occupation-oriented organization.

- 53. The computer system as set forth in claim 52, wherein said contact data includes a name and an E-mail address.
- 54. The computer system as set forth in claim 52, wherein said background information further comprises self-identification information including at least one of:

information regarding race of said talent;

information regarding gender of said talent;

information regarding citizenship of said talent;

information regarding employment eligibility.

- 55. The computer system as set forth in claim 54 further comprising a data interface configured to provide said self-identification information to said employers to enable said employers to comply with job applicant reporting requirements.
- 56. The computer system as set forth in claim 52, wherein said talent faculties further comprise information regarding at least one of past employment, formal education, informal training, and a description of proficiency in a predetermined set of skills.
- 57. The computer system as set forth in claim 52, wherein said talent faculties further comprise information regarding membership in at least one occupation-oriented organization.
- 58. The computer system as set forth in claim 52, wherein said communications adapter is further configured to receive desired-position information regarding a career position specified by said talent.
- 59. The computer system as set forth in claim 58, wherein said desired-position information includes a designation of at least one preferred employer.
- 60. The computer system as set forth in claim 52, wherein said talent faculties include work experience as embodied in past-employment information, said past-employment information associated with skills attributes, said skills attributes described by skills descriptions.

- 61. The computer system as set forth in claim 60, wherein said skills descriptions include an assessment of proficiency.
- 62. A distributed network for providing employers with candidate-information regarding at least one candidate in a plurality of talent-contributors, said candidate having candidate attributes, said distributed network comprising:

means for managing enterprise human resource data;

means for receiving personal information associated with said candidate;

means for receiving career information regarding at least one past career position of said candidate, said career information operable to be matched with employer information pertaining to prospective employers of said candidate, wherein at least a portion of said career information is associated with said enterprise human resource data;

means for receiving experience information regarding said candidate, said experience information associated with experiences gained by said candidate, said experiences relating to skills attributes and said experiences of relevance to said prospective employers;

means for obtaining consent of said candidate to release of said personal information of said candidate to at least one of said prospective employers; and

means for providing said personal information to said at least one of said prospective employers based on said consent.

63. The distributed network as recited in claim 62 further comprising means for providing an interface to said candidate attributes, said interface operable to facilitate generation of reports regarding said plurality of talent-contributors.

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64. The distributed network as recited in claim 63, wherein said personal information further comprises self-identification information including at least one of:

information regarding race of said candidate;

information regarding gender of said candidate;

information regarding citizenship of said candidate; and

lawful eligibility to work in at least one country.

- 65. The method according to claim 64, wherein said self-identification information is received on an optional basis.
- 66. The distributed network as recited in claim 64 further comprising means for providing said self-identification information to said prospective employers to enable said prospective employers to comply with job applicant reporting requirements, wherein said self-identification information is provided to said prospective employers after said prospective employers have made hiring decisions regarding said candidate, whereby said self-identification information cannot be used impermissibly by said prospective employers to discriminate against said candidate.
- 20 67. The distributed network as recited in claim 62 wherein said experience information is categorized based on a data dictionary of job descriptions.

- 68. The distributed network as recited in claim 62, wherein said candidate attributes include at least one desired career position.
- 69. The distributed network a recited in claim 62, wherein said candidate attributes
   further include a designation of at least one preferred employer.
  - 70. A method of receiving information regarding an employer including employer profile information and at least one job description, said job description having job parameters corresponding to candidate attributes of a desired candidate, said method comprising:

receiving desired experience information regarding said desired candidate, said desired experience information relating to a structured set of desired skills attributes; and receiving desired skills descriptions corresponding to said desired skills attributes.

71. The method as set forth in claim 70 further comprising:

receiving a multiple-division indication regarding an existence of multiple divisions associated with said employer;

receiving geographical information associated with at least one of said multiple divisions; receiving user information regarding at least one employer-user to be associated with an employer account corresponding to said employer; and

for each of said at least one employer-user receiving access scope information, said access scope information specifying a scope of access associated with said at least one employer-user.

- 72. The method as set forth in claim 71, wherein a division in said multiple divisions is further divided into successively smaller divisions.
- 73. The method as set forth in claim 70, wherein said employer profile information includes employer name, phone number, physical address, billing information, and administrative user information.
  - 74. The method as set forth in claim 71, wherein said geographical information is maintained in a consistent format.
  - 75. The method as set forth in claim 71, wherein receiving said geographical information further comprises identifying a nearest metropolitan area associated with a geographical location associated with said multiple divisions of said employer, wherein said nearest metropolitan area is further designated as a metropolitan statistical area, a primary metropolitan statistical area, or a consolidated metropolitan statistical area.
  - 76. The method as set forth in claim 71, wherein said job description is associated with a division within said multiple divisions.
- The method as set forth in claim 70, wherein said job description further comprises:
  - a confidential maximum compensation said employer has allocated for a job; a number of total employment positions associated with said job description; and

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a number of open employment positions associated with said number of total employment positions.

- 78. The method as set forth in claim 70, wherein said employer profile information includes structured industry data operable to be matched with career information pertaining to prospective employees.
  - 79. The method as set forth in claim 78, wherein said structured industry data includes classifications identified in the North American Industry Classification System.
  - 80. The method as set forth in claim 70, wherein said job description further comprises:
  - a Federal Employment Records Information requirement indication regarding whether said job description is associated with an employment position for which self-identification information should be maintained.
  - 81. The method as set forth in claim 70, wherein said job description further comprises a regulated job requirements indication regarding whether said job description is associated with an employment position for which said candidate attributes are subject to government regulation.

- 82. The method as set forth in claim 70, wherein said job description further comprises a narrative description of functions to be performed in a job associated with said job description.
- 83. The method as set forth in claim 70, wherein said job description further comprises benefit descriptions and compensation figures offered by said employer in connection with a job associated with said job description, wherein said compensation figures include a maximum compensation amount.
- 84. The method as set forth in claim 83, wherein said maximum compensation amount is confidential.
- 85. The method as set forth in claim 81, wherein said government regulation includes a restriction pertaining to citizenship.
- 86. The method as set forth in claim 71, wherein said employer profile information includes information regarding organizations with which said employer is affiliated.
- 87. A computer system for receiving employer information regarding an employer having at least one division, said computer system comprising:
  - a check box operable to receive a multiple-division indication regarding an existence of multiple divisions associated with said employer;
    - a geographical interface configured to receive geographical information associated with

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at least one of said multiple divisions associated with said employer; and

a user interface operable to receive user information regarding at least one employer-user to be associated with an employer account corresponding to said employer, wherein said user interface is operable to receive access scope information for said employer-user, said access scope information specifying a scope of access associated with said employer-user.

- 88. The computer system as set forth in claim 87, wherein said geographical interface is further configured to receive said geographical information by identifying a nearest metropolitan area associated with said multiple divisions.
- 89. The computer system as set forth in claim 87 further comprising a structured form operable to receive at least one job description associated with said division.
- 90. The computer system as set forth in claim 89, wherein said structured form further comprises:
- a first numerical input cell operable to receive a number corresponding to a maximum allocated compensation for said job description;
- a second numerical input cell operable to receive a number of total employment positions associated with said job description; and
- a third numerical input cell operable to receive a number of open employment positions associated with said number of total employment positions.

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91. A distributed network for receiving employer profile information regarding an employer having at least one business unit, said distributed network comprising:

means for maintaining enterprise human resource information;

means for receiving a multiple-division indication regarding an existence of multiple divisions associated with said employer;

means for receiving geographical information associated with at least one of said multiple divisions;

means for receiving user information regarding at least one employer-user to be associated with an employer account corresponding to said employer;

means for receiving access scope information for each of said at least one employer-user, said access scope information specifying a scope of access associated with said at least one employer-user.

- 92. The distributed network as recited in claim 91, wherein said geographical information is maintained in a consistent format.
- 93. The distributed network as recited in claim 91, wherein said means for receiving said geographical information further comprises means for identifying a nearest metropolitan area associated with a geographical location associated with said multiple divisions of said employer.
- 94. The distributed network as recited in claim 91 further comprising means for receiving at least one job description associated with said at least one business unit.

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95. The distributed network as recited in claim 94, wherein said means for receiving at least one job description further comprises:

means for receiving a number of total employment positions associated with said job description; and

means for receiving a number of open employment positions associated with said number of total employment positions.

96. A method of searching a plurality of job descriptions, said method performed by a talent-user, and said method comprising:

accessing a talent profile associated with said talent-user, said talent profile including talent-threshold requirements;

identifying target job descriptions associated with prospective employers based on said talent profile, said target job descriptions having job-threshold requirements;

comparing said talent profile with said job-threshold requirements, whereby a threshold comparison results; and

determining whether at least one of said target job descriptions is compatible with said talent profile, based on said threshold comparison.

97. A method of searching a plurality of job descriptions, said method performed by a talent-user, and said method comprising:

receiving search parameters from said talent-user;

identifying target job descriptions associated with prospective employers based on said

search parameters, said target job descriptions having job-threshold requirements;

comparing at least one talent profile with said job-threshold requirements, whereby a threshold comparison results; and

determining whether at least one of said target job descriptions is compatible with said talent profile, based on said threshold comparison.

98. The method as set forth in claim 97 further comprising:

receiving from said talent-user an indication regarding whether to perform a foreign search for said target job descriptions located outside of a specified geographic location; and providing job description information corresponding to said target job descriptions that occur outside of a primary location country associated with said talent-user.

- 99. The method as set forth in claim 97, wherein said search parameters include a minimum compensation requirement.
  - 100. The method as set forth in claim 97 further comprising: receiving a request for interview with a target employer from said talent-user; and transmitting said request for interview to said target employer.
- 20 101. The method as set forth in claim 100 further comprising:

  receiving a request-acceptance indication from said target employer regarding whether said target employer accepts said request for interview; and

providing a questionnaire to said target employer regarding said request-acceptance indication based on a negative value of said request-acceptance indication.

- 102. The method as set forth in claim 101 further comprising:
- inactivating an account associated with said target employer based on a failure to respond to said questionnaire; and

reactivating said account based on a subsequent response to said questionnaire.

- 103. The method as set forth in claim 102 further comprising: reactivating said account based on passage of a predetermined period of time.
- 104. The method as set forth in claim 97, wherein said search parameters further include at least one search timing parameter, including:
  - a start time and a search frequency.
- 105. The method as set forth in claim 104, wherein said search frequency is once per day.
- 106. The method as set forth in claim 97 further comprising providing said talent-user with an opportunity to modify said search parameters and said talent profile if said threshold comparison indicates that said talent profile does not match said job-threshold requirements.

- 107. The method as set forth in claim 97 further comprising providing said talent-user with a list of job descriptions for which said talent profile matches said job-threshold requirements.
- 5 108. The method as set forth in claim 107, wherein said list of job descriptions is ordered by compensation offered in connection with a particular job.
  - 109. The method as set forth in claim 108, wherein said list of job descriptions is further ordered by geographic proximity to a geographic location specified in said search parameters.
  - 110. A data processing apparatus for searching a plurality of job descriptions, said apparatus operable to communicate with a talent-user, said apparatus comprising:

an application server configured to provide a user interface operative to receive an instruction to search from said talent-user, said user interface further operative to receive search parameters from said talent-user;

at least one memory operable to store and provide access to a talent profile associated with said talent-user, said talent profile including talent-threshold requirements;

- a search engine configured to access said talent profile and said search parameters;
- a filter operable to identify target job descriptions based on said search parameters, said target job descriptions having job-threshold requirements; and
- a comparator, coupled with said search engine, operable to compare said talent profile to said job-threshold requirements, whereby a threshold comparison results.

- 111. The apparatus as set forth in claim 110, wherein said comparator is a processor programmed to compare sets of data having a consistent nomenclature.
- 112. The apparatus as set forth in claim 110, wherein said talent-threshold requirements further include a minimum compensation requirement.
  - 113. The apparatus as set forth in claim 110 further comprising:

an input form configured to receive a request for interview with a target employer from said talent-user; and

a message processor programmed to transmit said request for interview to said target employer.

- 114. The apparatus as set forth in claim 113, wherein said message processor is further programmed to receive a request-declined indication from said target employer regarding whether said target employer accepts said request for interview, and wherein said message processor is further programmed to provide a questionnaire to said target employer regarding said request-declined indication.
- 20 115. The apparatus as set forth in claim 114 further comprising a processor programmed to inactivate an account associated with said target employer based on a failure to respond to said questionnaire, wherein said processor is further programmed to reactivate said account based on a subsequent response to said questionnaire.

- 116. The apparatus as set forth in claim 115, wherein said processor is further programmed to reactivate said account based on passage of a predetermined period of time.
- 117. The apparatus set forth in claim 110, wherein said instruction to search further includes at least one search timing parameter, including at least one of:

a start time and a search frequency.

- 118. The apparatus set forth in claim 117, wherein said search frequency is once per day.
- 119. The apparatus as set forth in claim 110, wherein said user interface is further operable to provide said talent-user with an opportunity to modify talent compensation requirements if said threshold comparison indicates that talent compensation requirements do not match said job-threshold requirements.
- 120. The apparatus as set forth in claim 110, wherein said user interface is further operable to provide said talent-user with a list of job descriptions for which said search parameters match said job-threshold requirements.

121. The apparatus as set forth in claim 120, wherein said list of job descriptions are ordered by compensation offered in connection with a particular job.

- 122. The apparatus as set forth in claim 121, wherein said list of job descriptions are further ordered by geographic proximity to a geographical location specified in said search parameters.
- 123. A network for searching a plurality of job descriptions, said network operable to receive talent-information from a talent-user, said network comprising:

means for managing enterprise human resource data;

means for receiving job search parameters from said talent-user;

means for storing at least one set of job search parameters associated with an ideal job for said talent-user;

means for accessing said set of job search parameters and a talent profile associated with said ideal job, said talent profile including a minimum compensation requirement;

means for identifying target job descriptions, based on said set of job search parameters and said talent profile, said target job descriptions having a maximum compensation allowance associated with an employer; and

means for comparing said minimum compensation requirement of said talent-user to said maximum compensation allowance of said employer, whereby a compensation comparison results, and wherein said means for comparing determines whether said talent profile is compatible with at least one of said target job descriptions.

124. The network as recited in claim 123, wherein at least one of said job search parameters is a geographic location.

- 125. The network as recited in claim 123 further comprising:
  means for receiving a request for interview with said employer from said talent-user; and
  means for transmitting said request for interview to said employer.
- 126. The network as recited in claim 125 further comprising:

  means for receiving a request-acceptance indication from said employer regarding whether said employer accepts said request for interview; and

means for providing a questionnaire to said employer regarding said request-acceptance indication.

- 127. The network as recited in claim 126 further comprising means for notifying said employer that an account associated with said employer has been inactivated until said employer responds to said questionnaire.
- 128. The network as recited in claim 123, wherein said job search parameters include at least one search timing parameter, including a start time and a search frequency.
- 129. The network as recited in claim 128, wherein said search frequency is once per day.
- 130. The network as recited in claim 123 further comprising means for providing said talent-user with a list of job descriptions for which said minimum compensation requirement and said job search parameters match maximum compensation allowance.

131. The network as recited in claim 130, wherein said list of job descriptions are ordered by compensation offered and geographic proximity to a location specified in said job search parameters.

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132. A method of searching for talent by searching talent information in a plurality of talent profiles, said method initiated by an employer-user associated with an employer, said method comprising:

receiving search parameters from said employer-user;

accessing a job description associated with said employer-user, said job description, including job-threshold requirements;

identifying target talent profiles associated with prospective talent and consistent with said search parameters from among said plurality of talent profiles, said target talent profiles having associated talent-threshold requirements;

comparing said talent-threshold requirements with said job-threshold requirements, whereby a threshold comparison is produced; and

determining whether at least one of said target talent profiles is compatible with said jobthreshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

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133. The method as set forth in claim 132 further comprising providing said employer-user with an opportunity to modify said job threshold requirements if said threshold comparison indicates that said job-threshold requirements do not match said talent-threshold requirements.

- 134. The method as set forth in claim 132, wherein said search parameters further include desired candidate parameters associated with a desired candidate.
- 5 135. The method as set forth in claim 134, wherein said search parameters correspond to a predetermined job description associated with said employer.
  - 136. The method as set forth in claim 135, wherein said predetermined job description is associated with an occupational title consistent with the Dictionary of Occupational Titles.
  - 137. The method as set forth in claim 136, wherein said employer specifies a required term of experience associated with said occupational title.
  - 138. The method as set forth in claim 132, wherein said job-threshold requirements further include a maximum allocated compensation amount.
  - 139. The method as set forth in claim 132, wherein said search parameters include at least one skills description consistent with the Dictionary of Occupational Titles.
- 20 140. The method as set forth in claim 139, wherein said search parameters include a required level of proficiency associated with said skills description.

- 141. The method as set forth in claim 132, wherein said search parameters include at least one industry identification consistent with the North American Industry Classification System, said industry identification associated with an industry.
- 5 142. The method as set forth in claim 141, wherein said employer specifies a required term of experience within said industry.
  - 143. The method as set forth in claim 132 further comprising:

determining whether said talent information associated with said compatible talent résumé includes a designation of said employer as a preferred employer, whereby a preferred employer determination results; and

based on an affirmative result of said preferred employer determination, providing contact information to said employer regarding said target talent profiles.

- 144. The method as set forth in claim 143, wherein based on a negative result of said preferred employer determination, said employer is afforded an opportunity to communicate a request for interview to said talent associated with said compatible talent résumé.
  - 145. The method as set forth in claim 144 further comprising:

determining whether said talent accepts said request for interview, whereby a talent acceptance determination results;

based on a negative result of said talent acceptance determination, providing a questionnaire to said talent; and

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based on one of a response and a lack of a response to said questionnaire, providing feedback to said employer-user.

146. The method as set forth in claim 132 further comprising:

receiving from said employer-user an indication regarding whether to perform a foreign search for said talent located outside of a specified geographic location; and

providing talent profile information corresponding to said talent that resides outside of a primary location country associated with said employer, wherein said talent has legal authorization to work in said primary location country.

- 147. The method as set forth in claim 132, wherein said search parameters further includes at least one search timing parameter, including a start time and a search frequency.
- 148. The method as set forth in claim 147, wherein said search frequency is once per day.
- 149. A computer system for facilitating searching talent having associated talent descriptions in a plurality of talent profiles, said computer system configured to receive input from an employer-user associated with an employer, said employer searching in a primary location country, and said computer system comprising:

an application server operable to provide a user interface operative to receive an instruction to search from said employer-user;

a memory operative to store search parameters associated with a desired candidate;

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a comparator operative to compare said search parameters and associated job-threshold requirements, wherein target talent résumés are identified based on said search parameters and said plurality of talent profiles, said target talent résumés having associated talent-threshold requirements;

wherein said talent-threshold requirements are compared to said job-threshold requirements, whereby a threshold comparison results; and

wherein it is determined whether at least one of said target talent résumés is compatible with said job-threshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

- 150. The computer system as set forth in claim 149 further comprising:

  a message processor operative to afford said employer-user an opportunity to express a request for interview to said talent associated with said target talent résumés.
- 151. The computer system as set forth in claim 149, wherein said job-threshold requirements further include a maximum allocated compensation amount.
- 152. The computer system as set forth in claim 151, wherein said talent-threshold requirements further include a minimum required compensation amount.
- 153. The computer system as set forth in claim 149 further comprising:

  preconfigured logic configured to determine whether compatible talent information that is associated with said compatible talent résumé includes a designation of said employer as a

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preferred employer, whereby a preferred employer determination results; and

wherein contact information associated with said compatible talent résumé is provided to said employer-user, based on an affirmative result of said preferred employer determination.

- 154. The computer system as set forth in claim 153, wherein based on a negative result of said preferred employer determination, said employer-user is afforded an opportunity to express a request for interview to said talent that is associated with said compatible talent résumé.
- 155. The computer system as set forth in claim 154, wherein said preconfigured logic is further configured to determine whether said talent accepts said request for interview, whereby a talent acceptance determination results;

wherein based on a negative result ofsaid talent acceptance determination, a questionnaire is provided to said talent; and

based on one of a response and a lack of said response, feedback is provided to said employer-user.

156. The computer system as set forth in claim 149, wherein said user interface further includes a check box configured to receive from said employer-user a foreign search indication regarding whether to perform a foreign search for said talent that resides outside said primary location country; and

based on an affirmative state of said foreign search indication, providing blind résumés

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corresponding to said talent that resides outside of said primary location country, wherein said talent has legal authorization to work in said primary location country.

157. A distributed network of searching for talent by searching a plurality of talent profiles, said distributed network initiated by an employer-user associated with an employer, said employer searching in a primary location country, said distributed network comprising:

means for receiving an instruction to search from said employer-user;

means for receiving search parameters from said employer-user, said search parameters including an identification of job-threshold requirements;

means for identifying target talent résumés, based on said search parameters and said plurality of talent profiles, said target talent résumés having associated talent-threshold requirements;

means for comparing said talent-threshold requirements with said job-threshold requirements, whereby a threshold comparison results; and

means for determining whether at least one of said target talent résumés is compatible with said job-threshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

- 158. The distributed network as recited in claim 157, wherein said search parameters further include desired candidate parameters associated with a desired candidate.
  - 159. The distributed network as recited in claim 158, wherein said search parameters correspond to a predetermined job description associated with said employer.

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- 160. The distributed network as recited in claim 157, wherein said job-threshold requirements further include a maximum allocated compensation amount.
- 161. The distributed network as recited in claim 157 further comprising:

  means for determining whether compatible talent information associated with said
  compatible talent résumé includes a designation of said employer as a preferred employer,
  whereby a preferred employer determination results; and

means for providing contact information to said employer regarding said target talent résumés, based on an affirmative result of said preferred employer determination.

- 162. The distributed network as recited in claim 161, wherein based on a negative result of said preferred employer determination, said employer is afforded an opportunity to communicate a request for interview to said talent associated with said compatible talent résumé.
- 163. The distributed network as recited in claim 162 further comprising:

  means for determining whether said talent accepts said request for interview, whereby a talent acceptance determination results;

means for providing a questionnaire to said talent, based on a negative result of said talent acceptance determination; and

means for providing feedback to said employer-user, based on one of a response and a lack of a response to said questionnaire.

164. The distributed network as recited in claim 157 further comprising:

means for receiving from said employer-user a foreign search indication regarding whether to perform a foreign search for said talent; and

means for providing blind résumés corresponding to said talent that resides outside of said primary location country, based on an affirmative state of said foreign search indication, wherein said talent has legal authorization to work in said primary location country.

165. A method of promoting a career site, said method comprising:

receiving talent information from a plurality of talent regarding qualifications of said talent for performing predetermined activities, said talent information including affiliation information, said affiliation information corresponding to at least one association, wherein said at least one association is in compliance with a career site affiliate policy;

receiving employer information from a plurality of employers, said employer information including employer affiliation information, said employer affiliation information corresponding to at least one employer-related association, wherein said employer-related association is in compliance with said career site affiliate policy;

matching said talent information with said employer information; and paying a commission to said at least one association based on said matching of said talent with said employer information.

166. The method as set forth in claim 165, wherein said at least one association includes at least one of professional associations, trade associations, labor unions and educational institutions.

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167. The method as set forth in claim 165, wherein said employer information further includes job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said matching further comprises:

based on a comparison of said talent-threshold requirements and said job-threshold requirements, matching said talent with said employer information when said employer information is compatible with said talent-threshold requirements.

168. The method as set forth in claim 165, wherein said at least one association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said at least one association in order for said at least one association to remain in good standing with said career site, said certain actions including:

publicly endorsing said career site;

permitting use of a name of said at least one association in connection with advertisements of said career site;

promoting said career site to members of said at least one association in connection with an association member employment program;

providing said career site with advertising space in said association newsletter; and posting jobs associated with said at least one association to said career site.

169. The method as set forth in claim 165, wherein said commission is a fixed amount or a percentage of a fee associated with a transaction.

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170. A computer system used in connection with promoting a career site, said computer system comprising:

a server operable to provide an on-line user interface operable to receive talent information from a plurality of talent regarding qualifications of said talent for performing predetermined activities, and from employers regarding job descriptions said talent information including affiliation information, said affiliation information associated with at least one association, wherein said association is in compliance with a career site affiliate policy of said career site;

an input processor configured to receive said job descriptions from a plurality of employers;

a comparator for matching said talent with said job descriptions; and a payment processor configured to pay a commission to said association based on said matching.

- 171. The computer system as set forth in claim 170, wherein said job descriptions include job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said comparator matches said talent with said job descriptions, based on a comparison of said talent-threshold requirements and said job-threshold requirements.
- 172. The computer system as set forth in claim 170, wherein said association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said association in order for said association to remain in good standing with said career site, said certain actions including:

publicly endorsing said career site;

permitting use of a name of said association in connection with advertisements of said career site;

promoting said career site to members of said association in connection with an association member employment program;

providing said career site with advertising space in at least one issue of a newsletter said association; and

posting jobs associated with said association to said career site.

173. A distributed network for promoting a career site, said distributed network comprising:

means for managing enterprise human resource data;

means for receiving talent information from talent regarding qualifications of talent for performing predetermined activities, said talent information including affiliation information, said affiliation information associated with at least one association, wherein said at least one association is in compliance with a career site affiliate policy;

means for receiving job descriptions from a plurality of employers;
means for matching said talent with said job descriptions; and
means for paying a commission to said at least one association based on said matching.

174. The distributed network as recited in claim 173, wherein said job descriptions further include job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said matching further comprises:

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based on a comparison of said talent-threshold requirements and said job-threshold requirements, matching said talent with said job descriptions when said job descriptions are compatible with said talent-threshold requirements.

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175. The distributed network as set forth in claim 174, wherein said at least one association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said at least one association in order for said at least one association to remain in good standing with said career site, said certain actions including:

publicly endorsing said career site;

permitting use of a name of said at least one association in connection with advertisements of said career site;

promoting said career site to members of said at least one association in connection with an association member employment program;

providing said career site with advertising space in said association newsletter; and posting jobs associated with said at least one association to said career site.

176. A method for compensating at least one wholesaler for marketing a career site according to a career site wholesaler policy, said method comprising:

establishing at least one wholesaler account associated with said career site;

receiving job descriptions from employers, said employers associated with at least one association, said said association assigned to said wholesaler account;

receiving talent-information from talent, said talent associated with said association;

matching said talent with said job descriptions; and paying a commission to said wholesaler based on said matching.

- 177. The method as set forth in claim 176, wherein said association includes at least one of a professional association, a trade association, a labor union, and a educational institution.
  - 178. The method as set forth in claim 176, wherein said job descriptions further include job-threshold requirements and said talent-information includes talent-threshold requirements, and wherein said matching further comprises:

based on a comparison of said talent-threshold requirements and said job-threshold requirements, matching said talent with said job descriptions when said job descriptions are compatible with said talent-threshold requirements.

179. The method as set forth in claim 176, wherein said career site wholesaler policy requires certain actions to be carried out by said wholesaler in order for said wholesaler to remain in good standing with said career site, said certain actions including at least one of:

permitting use of a name of said wholesaler in connection with advertisements of said career site;

publicly endorsing said career site;

promoting said career site to said employers associated with said wholesaler; assisting said employers in listing employer jobs associated with said employers; posting wholesaler internal jobs associated with said wholesaler to said career site; and linking a website associated with said wholesaler to said career site.

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- 180. The method as set forth in claim 176, wherein said commission is a flat amount or a percentage amount.
- 181. A computer system for automating a process of compensating at least one wholesaler for promoting a career site, said computer system comprising:

a database containing wholesaler-information regarding at least one wholesaler account associated with said career site;

an interface operative to receive job descriptions from employers, said employers associated with at least one association, said association assigned to said wholesaler account;

wherein said interface is further operative to receive talent information from talent, said talent associated with at least one organization, said organization assigned to said wholesaler account;

matching said talent with said job descriptions; and paying a commission to said wholesaler based on said matching.

182. A distributed network for compensating at least one wholesaler for promoting a career site, said distributed network comprising:

means for maintaining enterprise human resource data;

means for establishing at least one wholesaler account associated with said career site;

means for receiving job descriptions from employers, said employers being associated

with at least one association, said association assigned to said wholesaler account;

means for receiving talent information from talent, said talent being associated with at

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least one organization, said organization assigned to said wholesaler account;

means for matching said talent with said job descriptions; and

means for paying a commission to said wholesaler based on said matching.

183. A method for compensating at least one retailer for marketing a career site according to a career site marketing policy, said method comprising:

establishing at least one retailer account associated with said career site;

receiving employer account information associated with at least one employer account from at least one of said retailer and a secondary recruited retailer associated with said retailer, said employer account assigned to said retailer, said employer account information including job descriptions;

receiving talent-information from talent;
matching said talent with said job descriptions; and
paying a commission to said retailer based on said matching.

- 184. The method as set forth in claim 183, wherein said retailer is compensated for recruiting said secondary recruited retailer by way of a multi-level-marketing system and wherein said secondary recruited retailer provides employer information regarding employers not subject to a preexisting commission agreement.
- 185. The method as set forth in claim 184, wherein said multi-level-marketing system includes successive levels consistent with local law.

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186. A computer system for facilitating compensation of at least one retailer for marketing a career site according to a career site marketing policy, said computer system comprising:

a database containing information regarding at least one retailer account associated with said career site;

an interface operable to receive employer account information associated with at least one employer account from at least one of said retailer and a secondary recruited retailer associated with said retailer, said employer account assigned to said retailer, said employer account information including job descriptions; and

a payment processor operable to pay a commission to said retailer based on matching said job descriptions with a job candidate.

- 187. The computer system as set forth in claim 186, wherein said retailer is further compensated for recruiting said secondary recruited retailer by way of a multi-level-marketing system.
- 188. A distributed network for providing payments to at least one retailer for marketing a career site according to a career site marketing policy, said distributed network comprising:

an enterprise database management system;

international payment system architecture;

means for establishing at least one retailer account associated with said career site;

means for receiving employer account information associated with at least one employer account from at least one of said retailer and a secondary recruited retailer associated with said

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retailer, said employer account assigned to said retailer, said employer account information including job descriptions;

means for receiving talent-information from talent;

means for matching said talent with said job descriptions, said means for matching providing matching results; and

means for paying a commission to said retailer based on said matching results.

189. The distributed network as set forth in claim 188, wherein said means for paying further comprises:

means for further compensating said retailer for recruiting said secondary recruited retailer by way of a multi-level-marketing system.

190. A computer-readable medium containing instructions capable of causing a processor to perform a process for operating a career site, said career site including a talent database of talent résumés corresponding to a plurality of talent candidates and a database of job descriptions, said instructions comprising:

instructions operative to receive personal information associated with said talent résumés, said personal information including contact information;

instructions operative to receive career information regarding at least one desired career position of a candidate in said plurality of talent candidates, said career information formatted as structured data consistent with a format of said database of job descriptions;

instructions operative to receive experience information regarding said candidate, said experience information of relevance to prospective employers;

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instructions operative to receive at least one command to search from a talent-user; instructions operative to access desired job parameters associated with a desired job of said talent-user, and to access a talent profile, said talent profile including talent-threshold requirements;

instructions operative to identify target job descriptions, based on said desired job parameters and said talent profile, said target job descriptions having job-threshold requirements; and

instructions operative to compare said talent-threshold requirements to said job-threshold requirements, whereby a threshold comparison results;

instructions operative to determine whether at least one of said target job descriptions is compatible with said talent-threshold requirements, based on said threshold comparison, whereby at least one matched job-listing and candidate pair results;

instructions operative to establish at least one marketer account associated with a marketer of said career site; and

instructions operative to effect payment of a commission to said marketer based on an occurrence of said matched job-listing and candidate pair.

191. A distribution medium containing instructions capable of causing a processor to perform a process for operating computer system, said computer system including a talent database of talent résumés corresponding to a plurality of talent candidates and a database of job descriptions, said instructions comprising:

instructions operative to receive personal information associated with said talent résumés, said personal information including contact information;

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instructions operative to receive position information regarding at least one position associated with an employer instructions operative to receive experience information regarding a candidate;

instructions operative to receive a command to search from an initiating party; instructions operative to match said target job descriptions with said talent résumés,

based on a threshold comparison; and

instructions operative to effect payment of a commission to a marketer based only on an occurrence of said match.

192. A method of providing employment services to at least one candidate in a plurality of talent-contributors, said method comprising:

receiving information from said candidate;

receiving job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

providing said candidate with said benefit identification.

193. The method as set forth in claim 192, wherein said benefit is chosen from incentive pay, health insurance, retirement account, dental insurance, continuing education, signing bonus, pension, on-site daycare, flex-time, free parking, relocation, paid vacation, and differential shift pay.

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- 194. A computer system for providing employment services to at least one candidate in a plurality of talent-contributors, said computer system comprising:
  - a first interface operable to receive information from said candidate;
- a second interface operable to receive job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

an output device operable to provide at least one benefit indicator to said candidate, said benefit indicator associated with said benefit identification.

- 195. The computer system as set forth in claim 194, wherein said benefit indicator comprises a graphical icon.
- 196. A distributed network for providing employment services to at least one candidate in a plurality of talent-contributors, said distributed network comprising:

means for managing enterprise data associated with an employer;

candidate means for receiving candidate information from said candidate;

job means for receiving job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

means for providing at least one benefit indicator to said candidate, said benefit indicator associated with said benefit identification.

197. The computer system as set forth in claim 194, wherein said benefit indicator is provided in the form of an image object formatted in a page using the Hypertext Markup Language.

## ABSTRACT OF THE DISCLOSURE

Systems, methods, distributed networks, and computer-readable media are provided that relate to recruiting and employment services. Background information associated with talent-capability attributes is received from talent. Job description information is received from employers. Prospective matches are identified between employers and talent, and employers and talent are given an opportunity to consent to exchange of talent contact information.

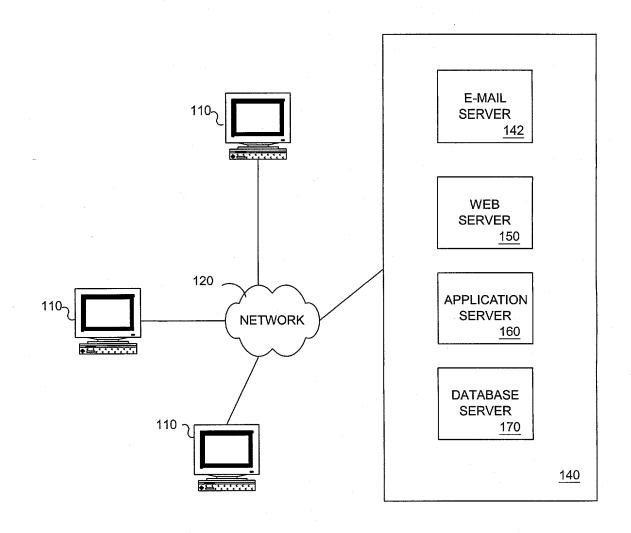
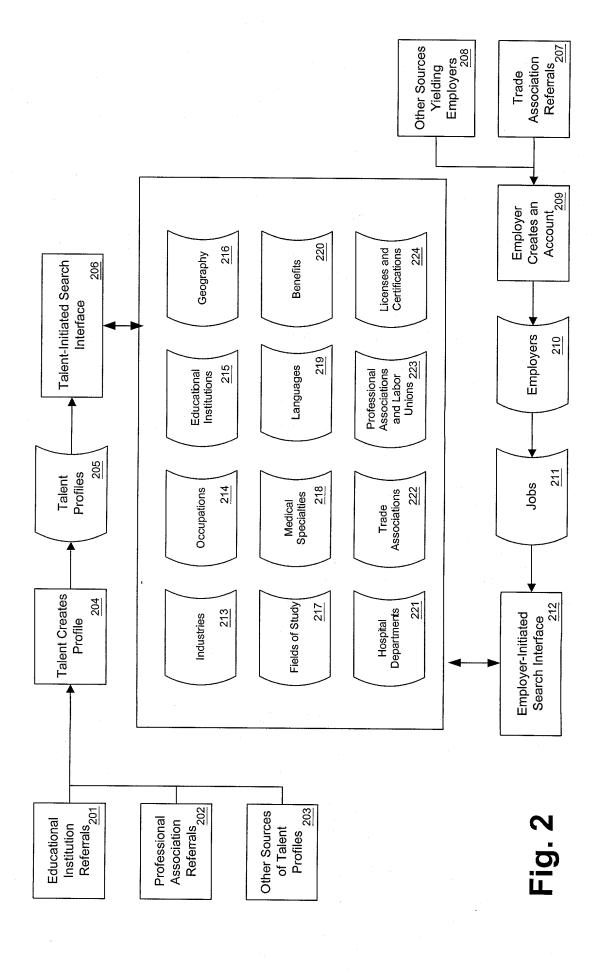
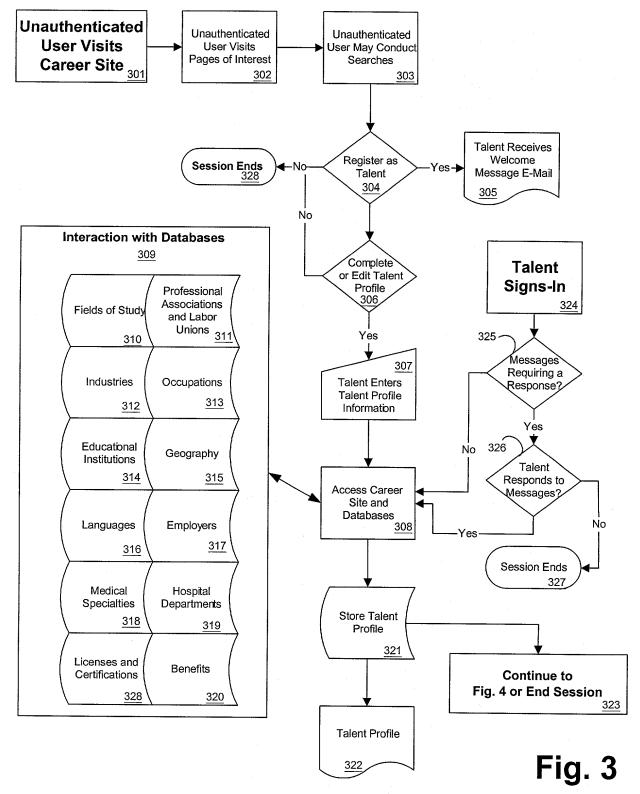
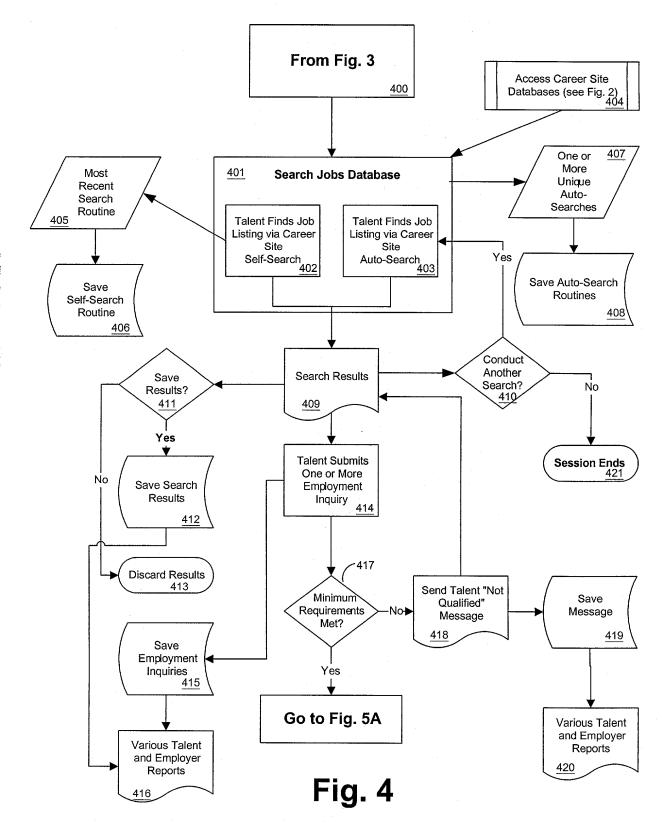


Fig. 1







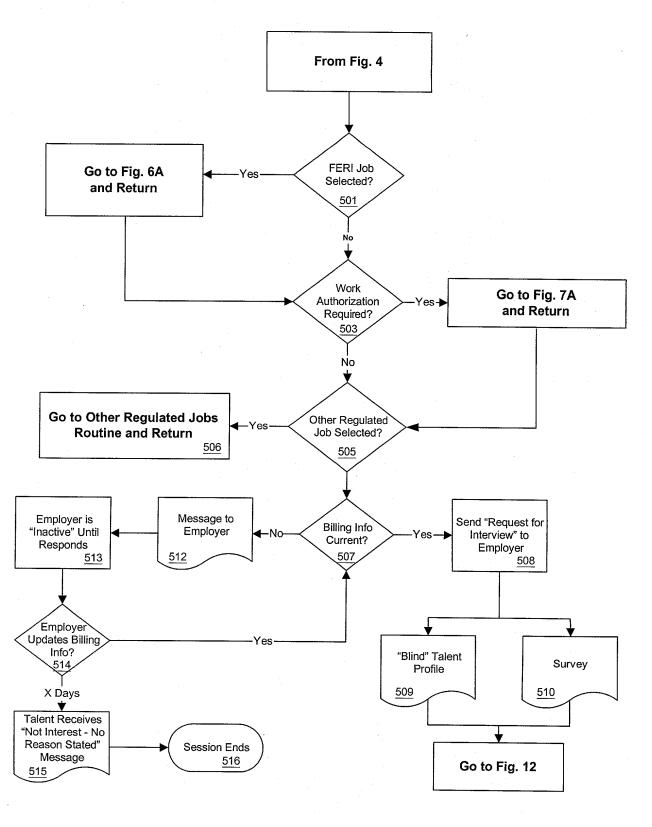


Fig. 5A

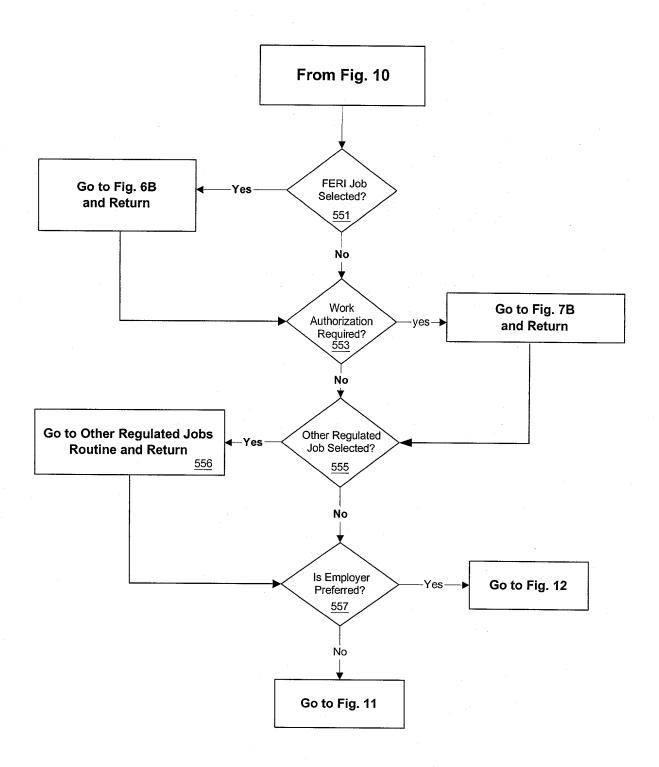


Fig. 5B

Fig. 6A

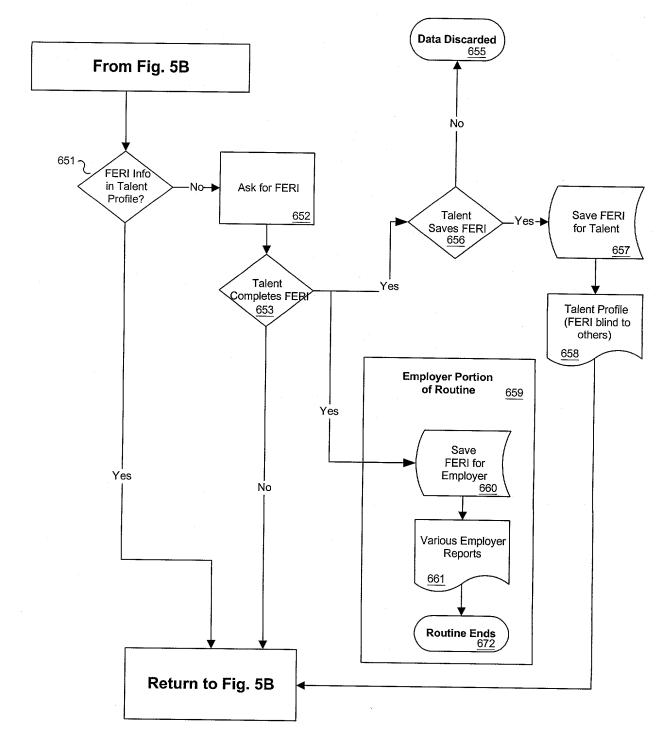


Fig. 6B

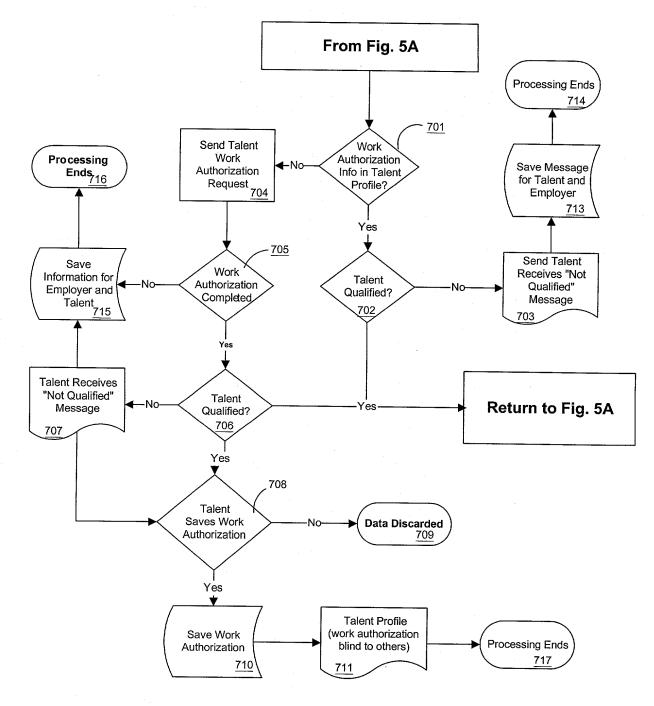


Fig. 7A

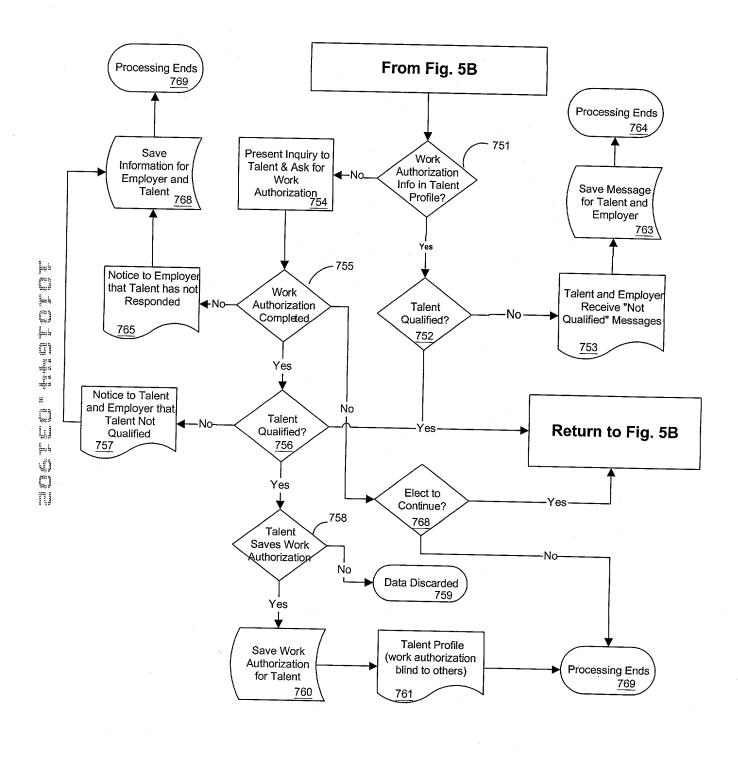
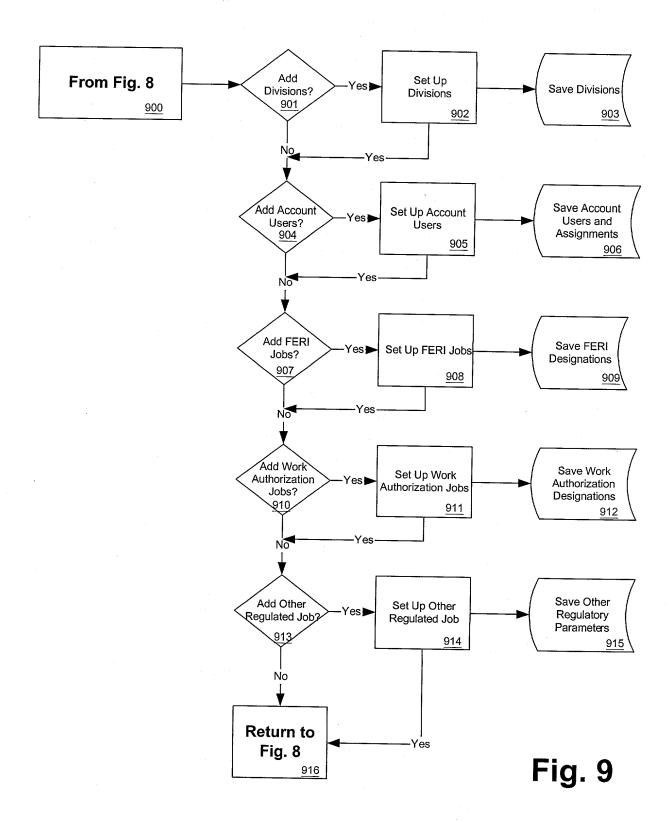


Fig. 7B

Fig. 8



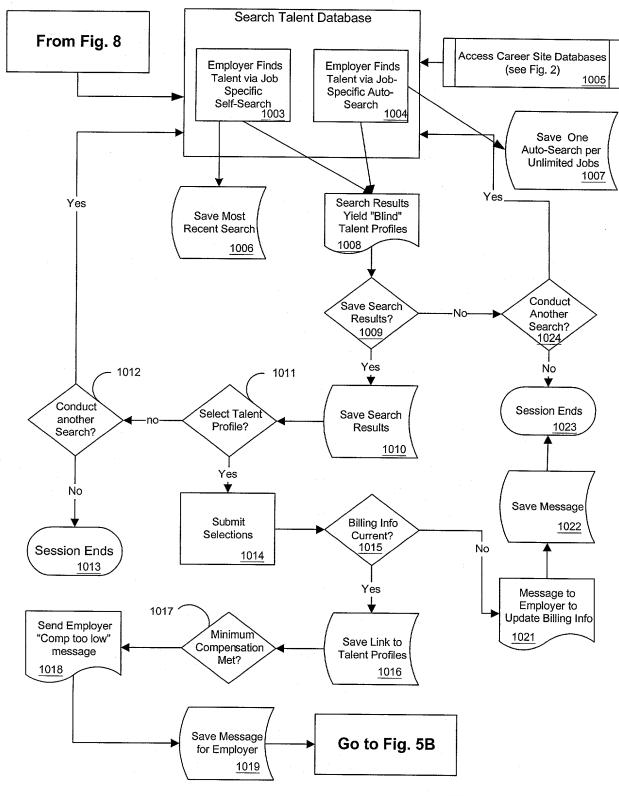


Fig. 10

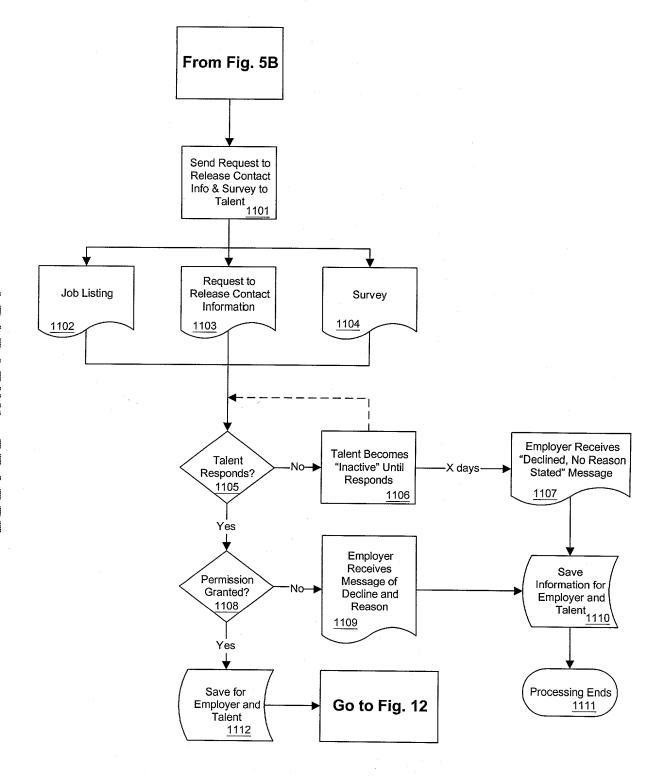


Fig. 11

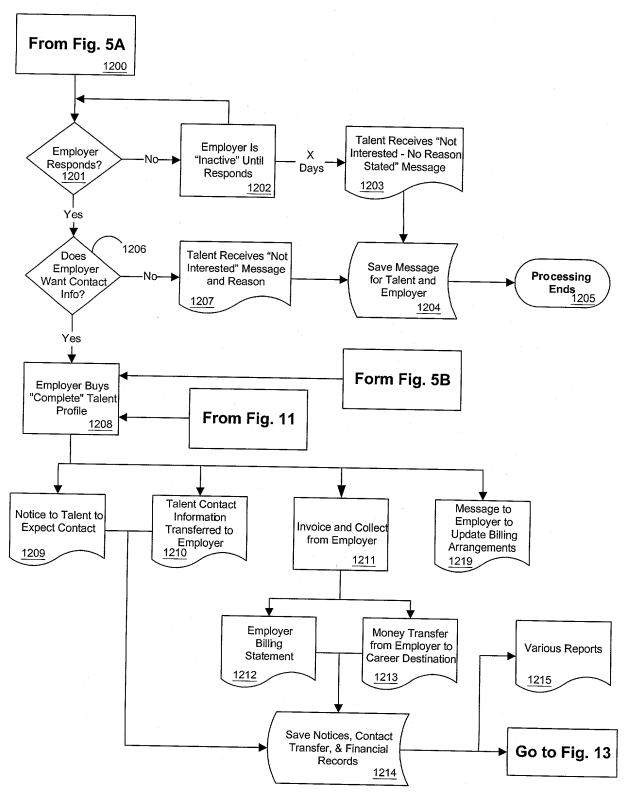


Fig. 12

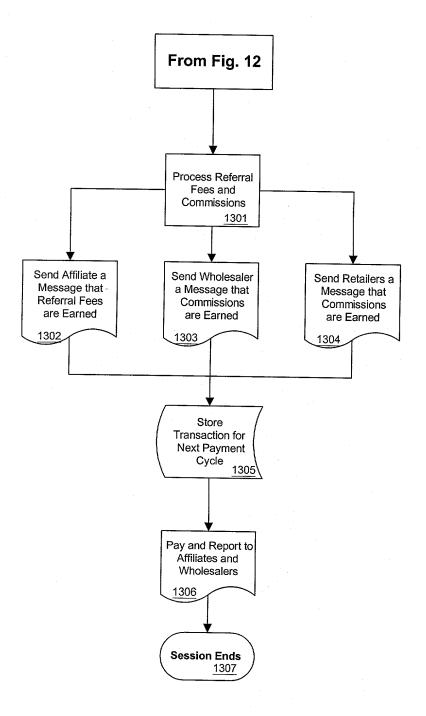


Fig. 13

## **Follow-Up Process**

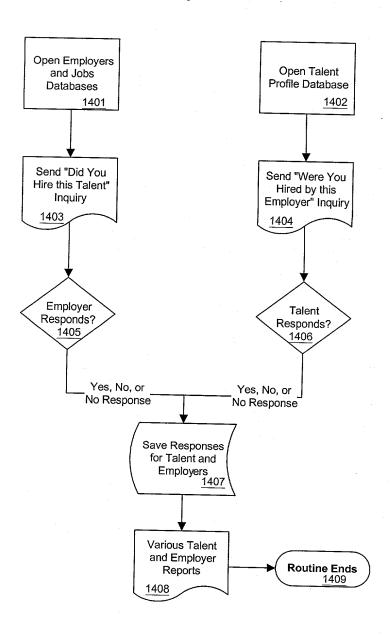


Fig. 14

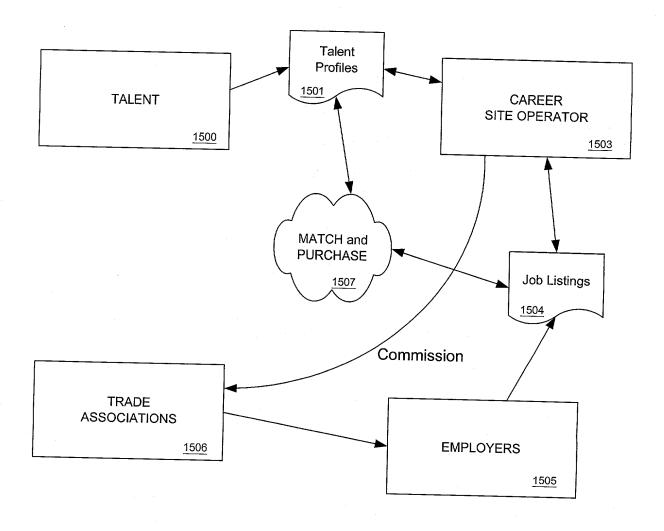


Fig. 15

Fig. 16

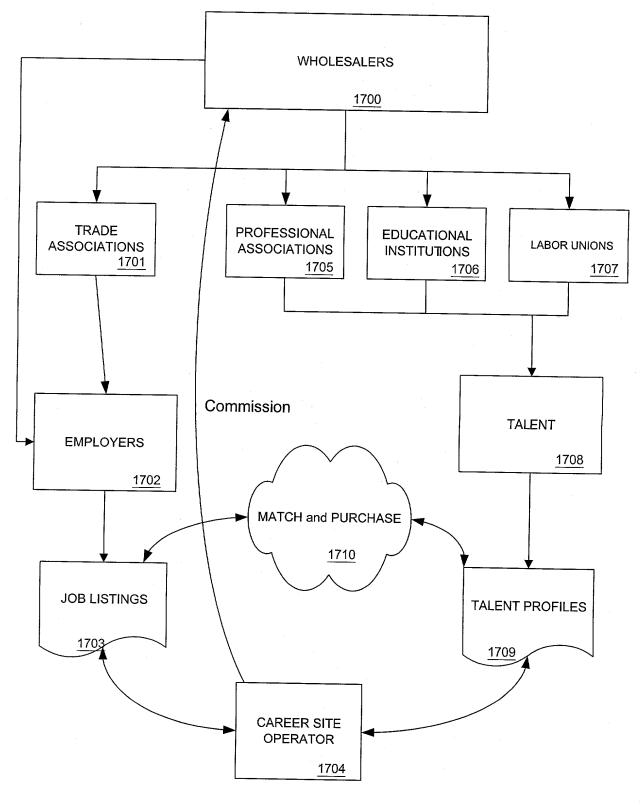


Fig. 17

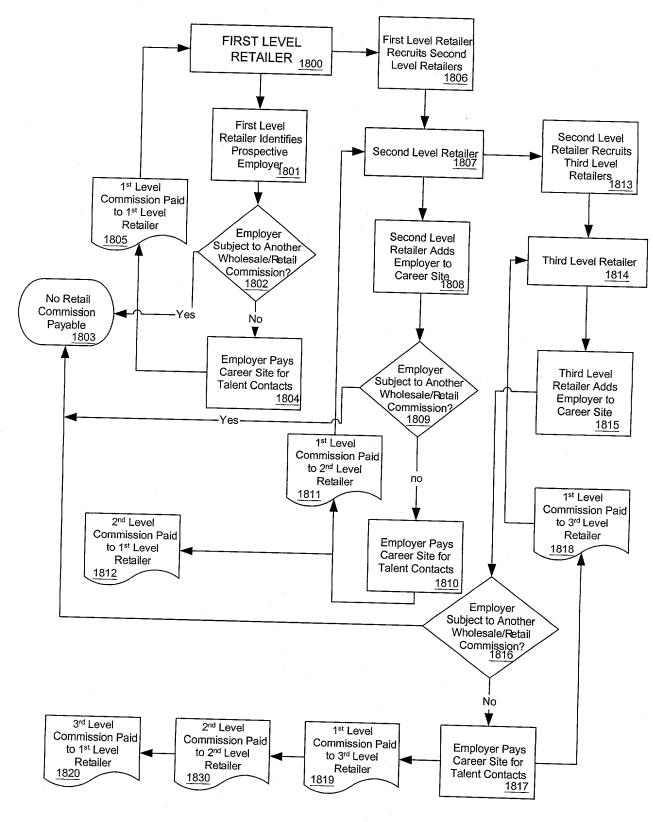


Fig. 18

VIANELLO, Marc

**DESIGN** 

PATENT APPLICATION

PTO/SD/01 (12-97)
Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. Department of Commerce
control number. **DECLARATION FOR UTILITY OR** Attorney Docket 15703.10002

Number

First Named Inventor

(37 CFR 1.63)			COMPLETE IF KNOWN					
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[x] Declaration	[] Declaration		Filin	g Date				
Submitted OR		after Initial		p Art Unit				
With Initial Filing	Filing (sur	0	Examiner Name					
Timig	(37 CFR 1. Required)	.16 (e))						
	Required)	·						
As a below named inven	tor, I hereby decla	re that:						
My residence, post office address, and citizenship are as stated below next to my name.								
I believe I am the original	, first and sole inver	ntor (if only one n	name is	listed below) or ar	n original, first and jo	oint invention (if plural		
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint invention (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
APPARATUS AND METHODS FOR PROVIDING								
CAREER AND EMPLOYMENT SERVICES								
the specification of which		(Title of	the Inve	ention)				
the specification of which								
[x] is attached hereto OR								
[] was filed on (MM/DD/) Application Number	YYYY)			as United States A	pplication Number o	or PCT International		
Transfer in the contract of th		and	d was an	nended on (MM/I	DD/YYYY)	or i e i international		
(if applicable).								
I hereby state that I have re	eviewed and underst	and the contents	of the a	bove identified sp	ecification, including	g the claims, as		
amended by any amendment	nt specifically referi	red to above.						
I acknowledge the duty to d	disclose information	which is materia	al to pat	entability as defin	ed in 37 CFR 1.56.			
I hereby claim foreign prior 365(a) of any PCT interr	rity benefits under 3	5 U.S.C. 119(a)-	(d) of a	ny foreign applica	tion(s) for patent or i	inventor's certificate,		
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2 Of international applicati	on having a filing d	ate before that of	the app	application for pa	nem or inventor's cer	rtificate, or of any		
Thor Poleigh Application		Foreign Filing	Date	Priority	Certified C	Copy Attached?		
(numbers)	Country	(MM/DD/YY	YY)	Not Claimed	Yes	No		
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I hereby claim the benefi	t under 35 U.S.C.	119(e) of any U	Jnited	States provisiona	al application(s) lis	sted below		
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Name	BLACKWELL SAI		EPER MART	IN LLP				
Address	2300 Main Street, S	uite 1000			7.50	ZID	C4100	
City	Kansas City			State	MO	ZIP	64108	0000
Country	USA	· · · · · · · · · · · · · · · · · · ·	Telephone	(816) 98		Fax	(816) 983	
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Name of fi	rst Inventor:		[]Ap	etition has b	een filed for t	this unsigned	d inventor	
	Given Name (first and m	iddle [if any]	)		Fam	ily Name or		
Towns to all	Marc					Vianell	Dotos 4	I .
Inventor's Signature	Man	Scan	iello				3/19/0	2
Residence: City	Overland Park	State	KS	Country	USA		Citizenship	USA
Post Office Address:	6701 West 64 <sup>th</sup> Street,							
City:	Overland Park	State	KS	Zip	66202	/ \ 1 /	Country	USA
[ ] Addition hereto.	al inventors are being nar	ned on the at	tached supplem	ental Additi	onal Inventor	(s) sheet(s) I	P1O/SB/02A at	tached

PATENT NUMBER and ISSUE DATE

### U.S. UTILITY Patent Application

	FILING DATE	CE433	SUBCLASS	GAU		CVCAMA		
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Inventor name	6/14/03	RJ
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Attorney Docket No.	15703.10002				
First Named Inventor or	VIANELLO, Marc				

APPARATUS AND METHODS FOR PROVIDING CAREER AND EMPLOYMENT SERVICES EL 929718282 US Express Mail Label No.

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application  Washington, DC 20231
*Fee Transmittal Form (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages [151]] (preferred arrangement set forth below)  - Descriptive title of the Invention  - Cross References to Related Applications  - Statement Regarding Fed sponsored R&D  - Reference to Microfiche Appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4. Drawing(s) (35 USC 113) [Total Pages [2]]  - Newly executed (original or copy)  - Oopt from a prior application (37 CFR 1.63(d))  (for continuation/divisional with Box 17 completed)  [Note Box 5 below]  - NoTE for items 1& 13: in order to be entitled to pay small entity fees, a small entity statement is required (37 CFR § 1.27), except if one filed in a prior application is relied upon (37 C.F.R. § 1.28).  17. If a CONTINUING APPLICATION, check appropriate box and supply the required provided in a prior application is relied upon (37 C.F.R. § 1.28).  18. Oothor Device of the disclosure of the accompanying continuation Prior application information: Examiner Group/Art Unit:  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the accompanying continuation to an only be relied upon when a portion has been inadventiced.	6 [] Microfiche Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a.
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Name (Print/Type) Jason E. Gorden	Registration No. 46,734 (Attorney/Agent
Signature ADM WALL	Date 3-19-02

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First Named Inventor	VIANELLO, Marc
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METHOD OF PAYMENT		FEE CALCULATION (continued)					
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Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
Applicant claims small entity status.		139	130	139	130	Non-English specification	-
See 37 CFR 1.27		147	2,520	147	2,520	For filing a request for ex parte reexamination	
2. Payment Enclosed: Check Credit card Money Credit	Other	112	920*		920*	Requesting publication of SIR prior to Examiner action	
EEE CALCUL ATION		113	1,840*	113	1,8401	* Requesting publication of SIR after Examiner action	
		115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE Large Entity Small Entity		116	400	216	200	Extension for reply within second month	<u></u> .
Fee Fee Fee Fee Description	ee Paid	117	920	217	460	Extension for reply within third month	
Code (\$) Code (\$) F		118	1,440	218	720	Extension for reply within fourth month	
106 330 206 165 Design filing fee	370.00	128	1,960	228	980	Extension for reply within fifth month	
107 510 207 255 Plant filing fee		119	320	219	160	Notice of Appeal	
108 740 208 370 Poissus filing foo		120	320	220	160	Filing a brief in support of an appeal	
114 160 214 80 Provisional filing fee		121	280	221	140	Request for oral hearing	
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:#	0.00	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES  Fee from		141	1,280	241	640	Petition to revive - unintentional	
Extra Claims below	Fee Paid	142	1,280	242		Utility issue fee (or reissue)	
1000 01000	1593.0	143	460	243		Design issue fee	
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Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20		581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84 202 42 Independent claims in exces	s of 3	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
104 280 204 140 Multiple dependent claim, if	not paid	149	740	249	370	For each additional invention to be	
109 84 209 42 ** Reissue independent clair over original patent	ns					examined (37 CFR § 1.129(b))	
110 18 210 9 ** Reissue claims in excess	of 20	179	740	279	370	Request for Continued Examination (RCE)	
and over original patent		169	900	169	900	Request for expedited examination of a design application	
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**or number previously paid, if greater; For Reissues, se	e above	*Redu	uced by	/ Basi	c Filing	Fee Paid SUBTOTAL (3) (\$)	

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Name (Print/Type)	Jason E. Gorden	$\overline{\cap}$	Registration No. 46,734 (Attorney/Agent)	Telephone	(816) 983-8000
Signature	MAN Y	HUM		Date	3-19-02

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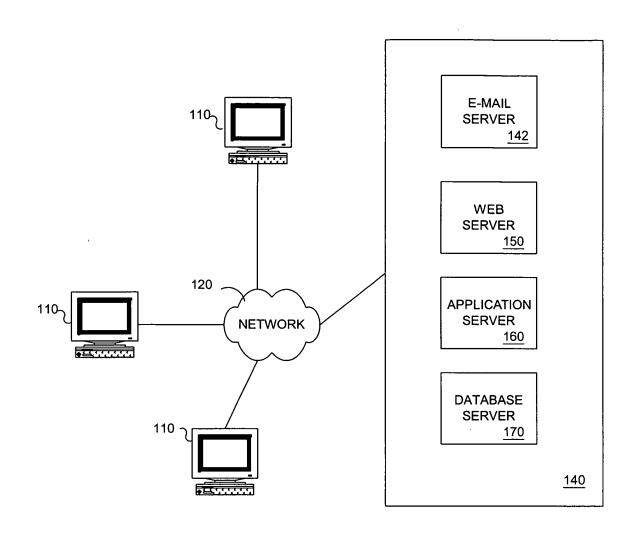
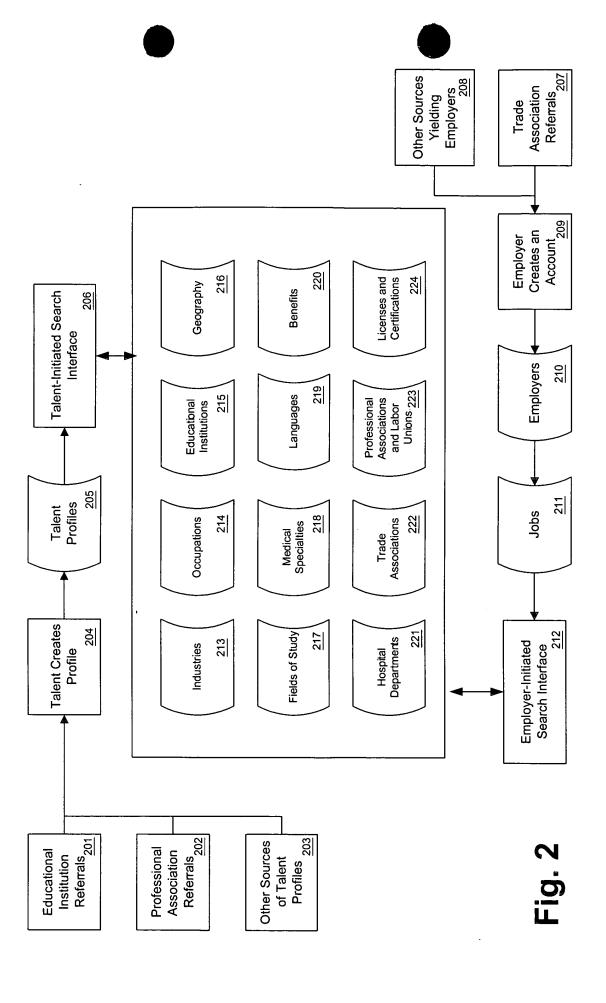
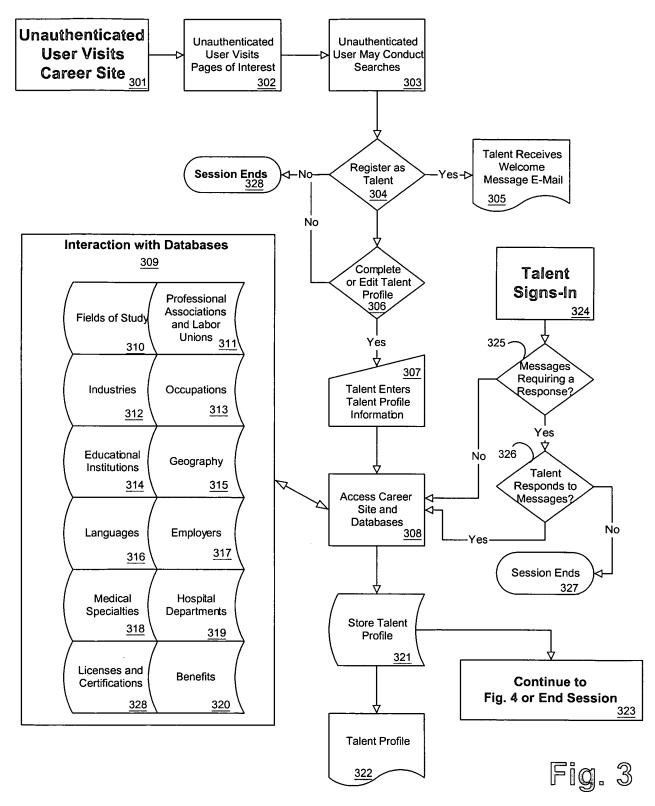
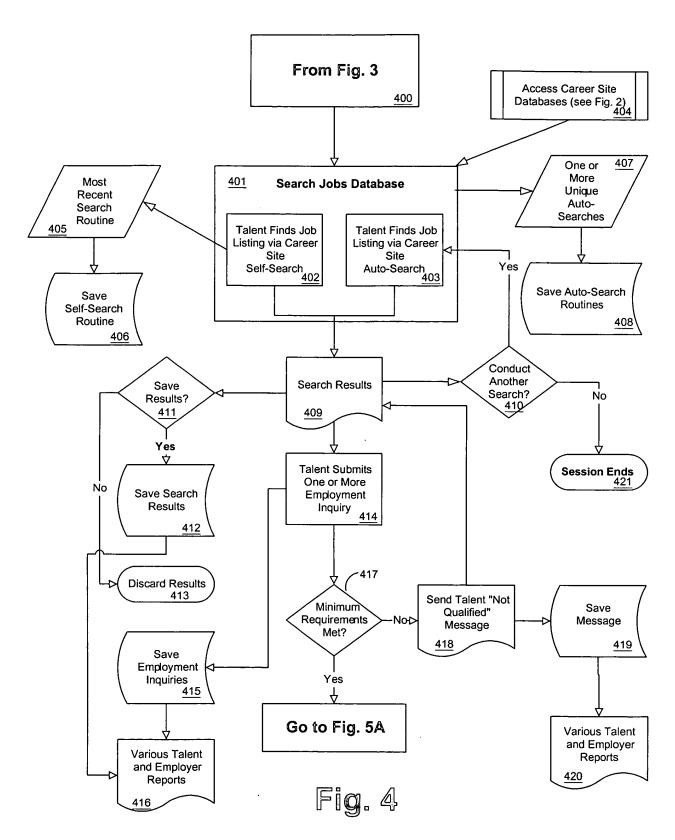


Fig. 1







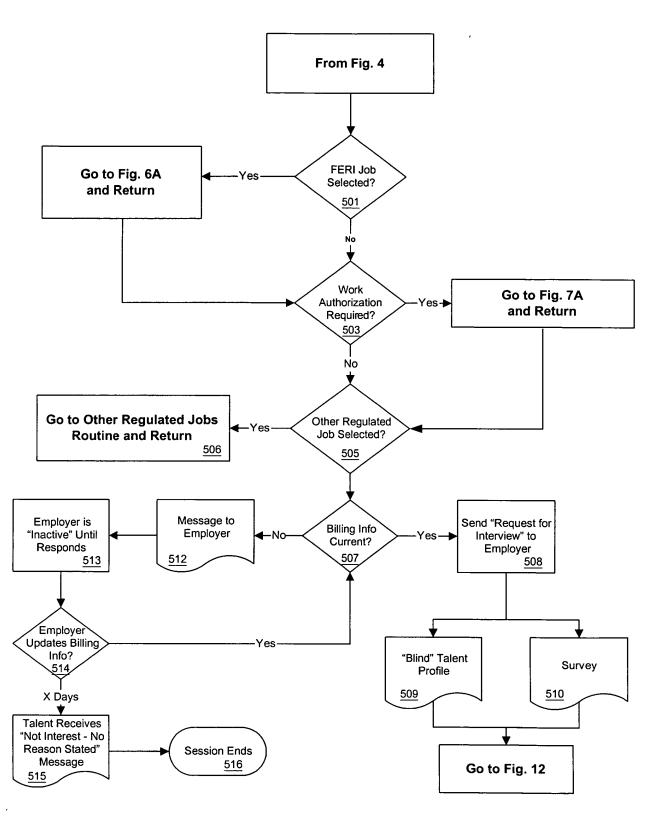


Fig. 5A

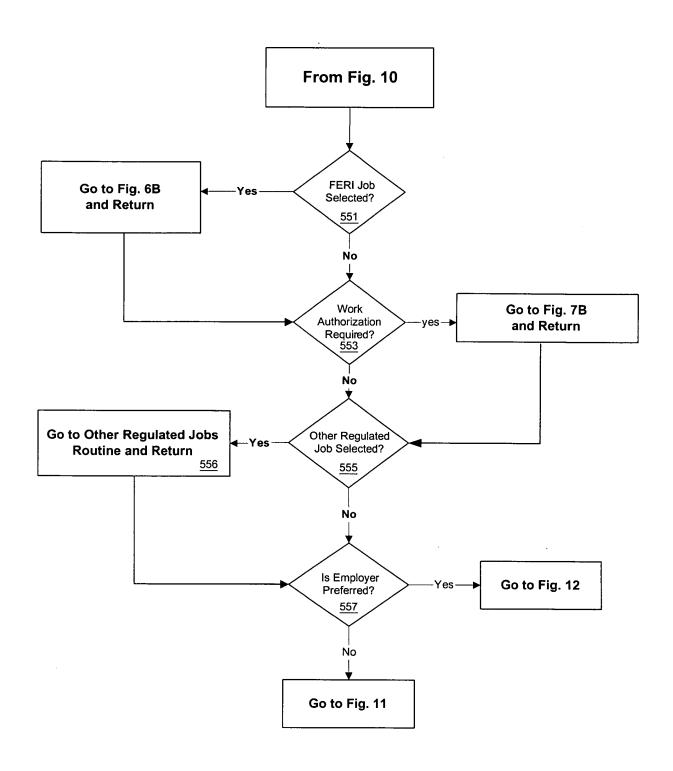


Fig. 5B

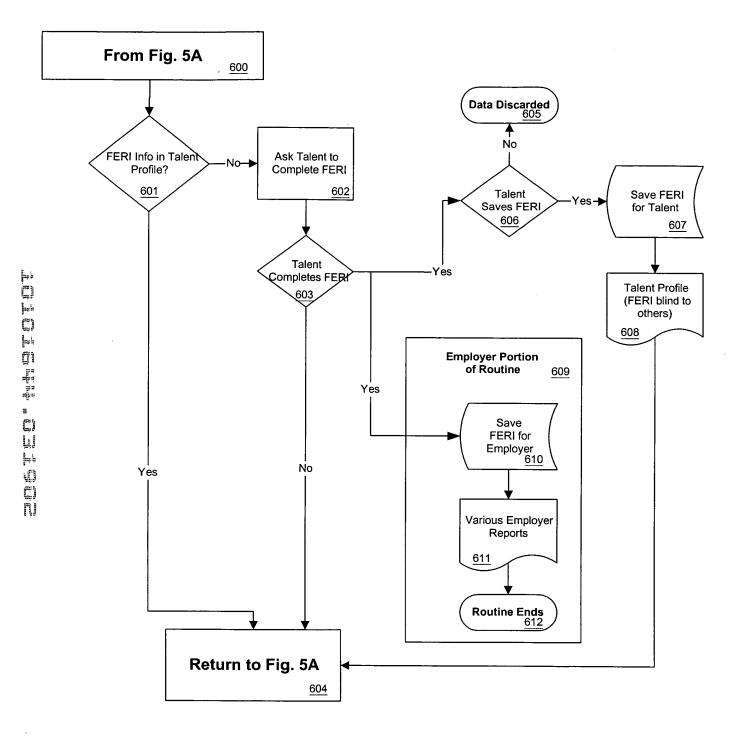


Fig. 6A

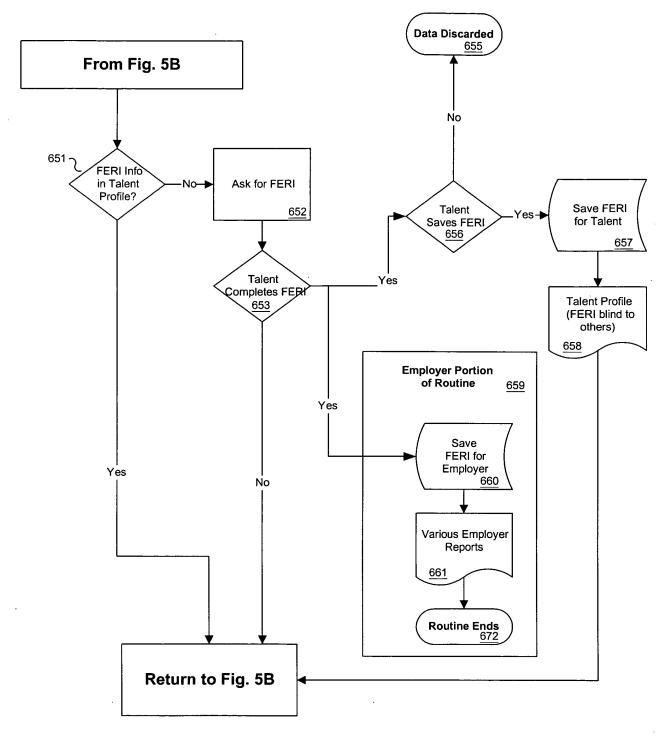


Fig. 6B

Fig. 7A

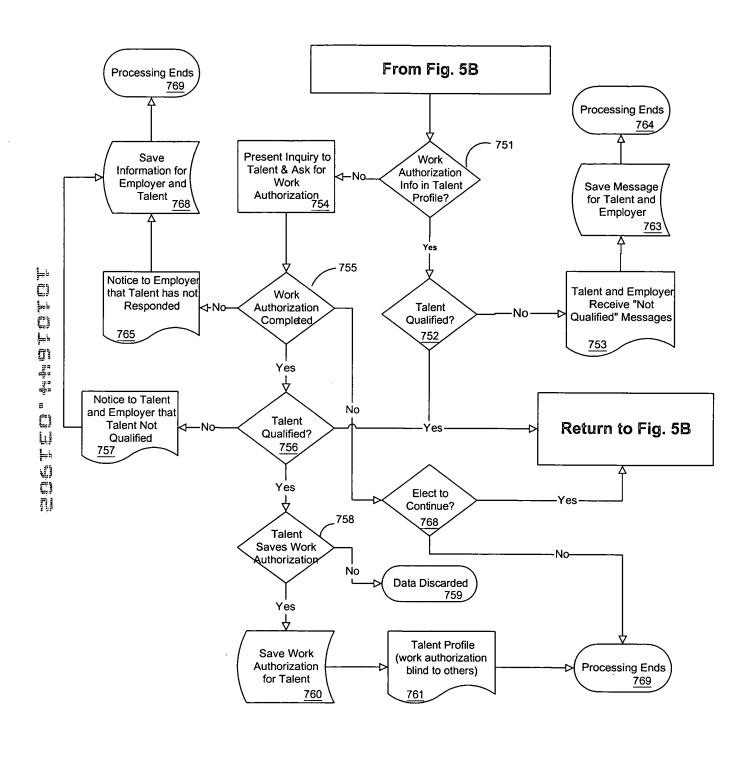


Fig. 78

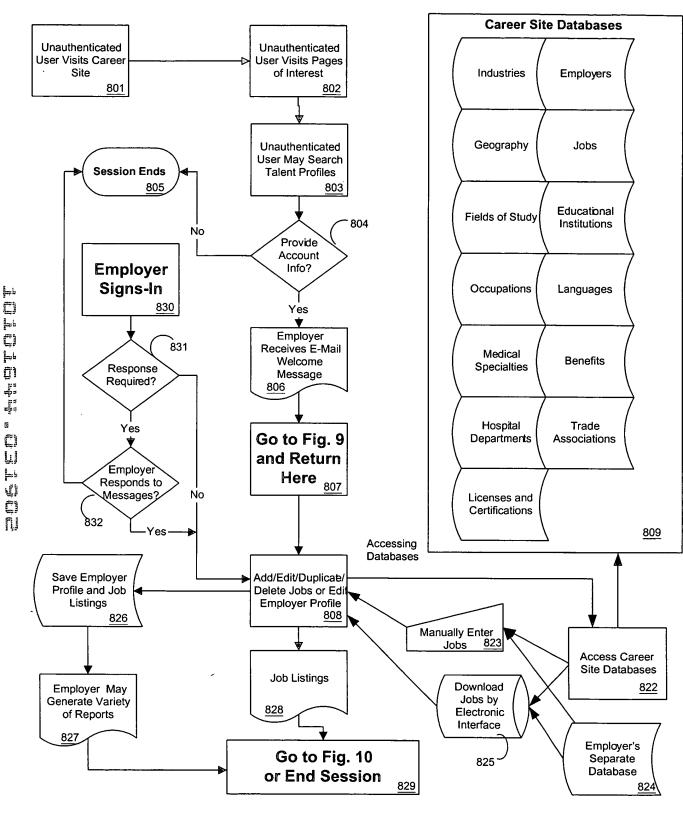
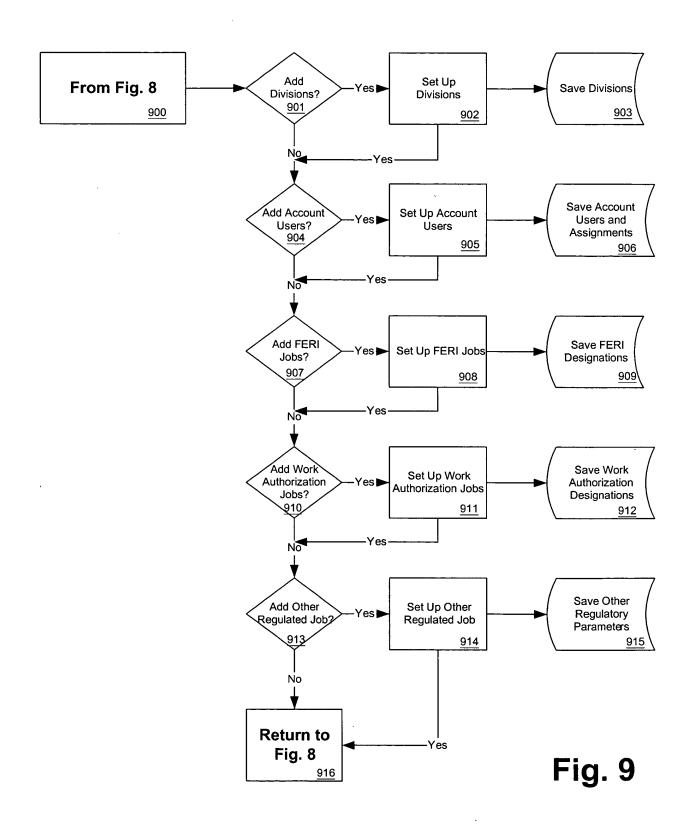


Fig. 8



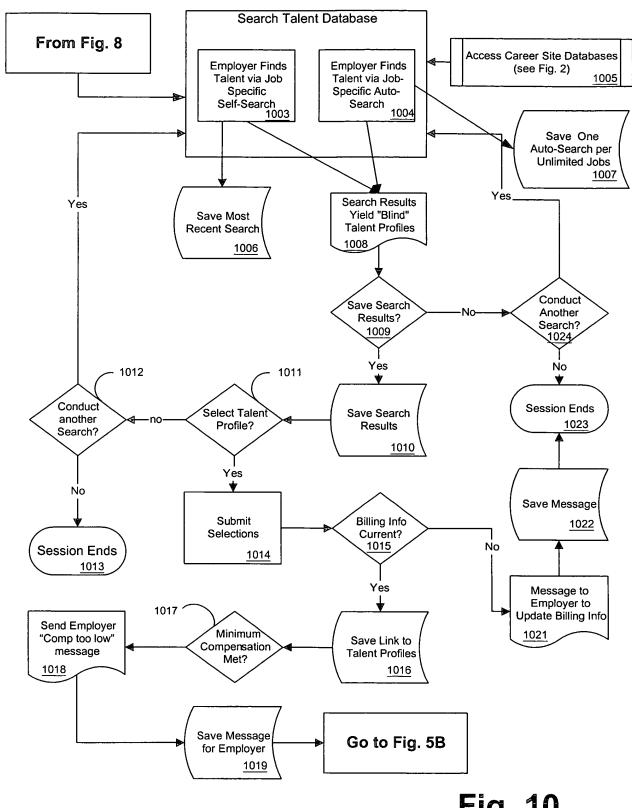


Fig. 10

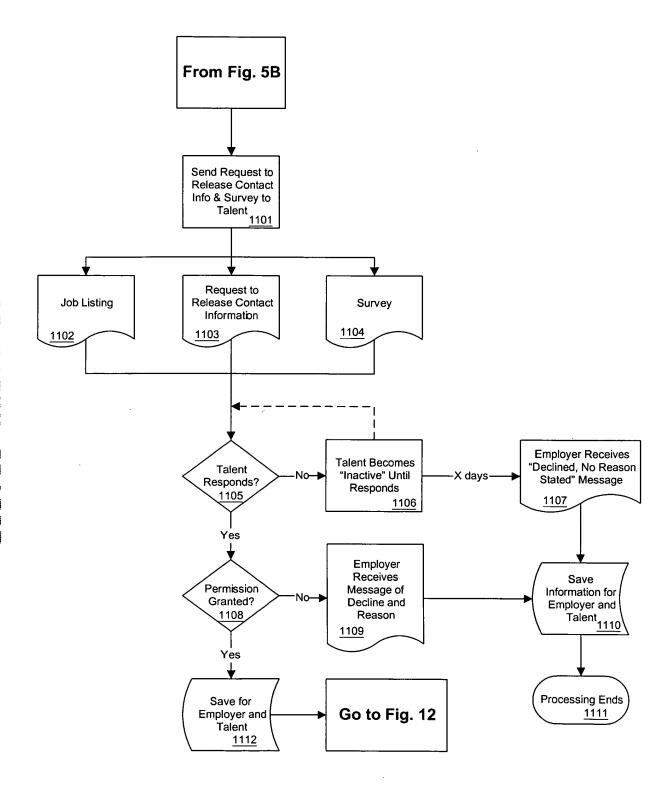
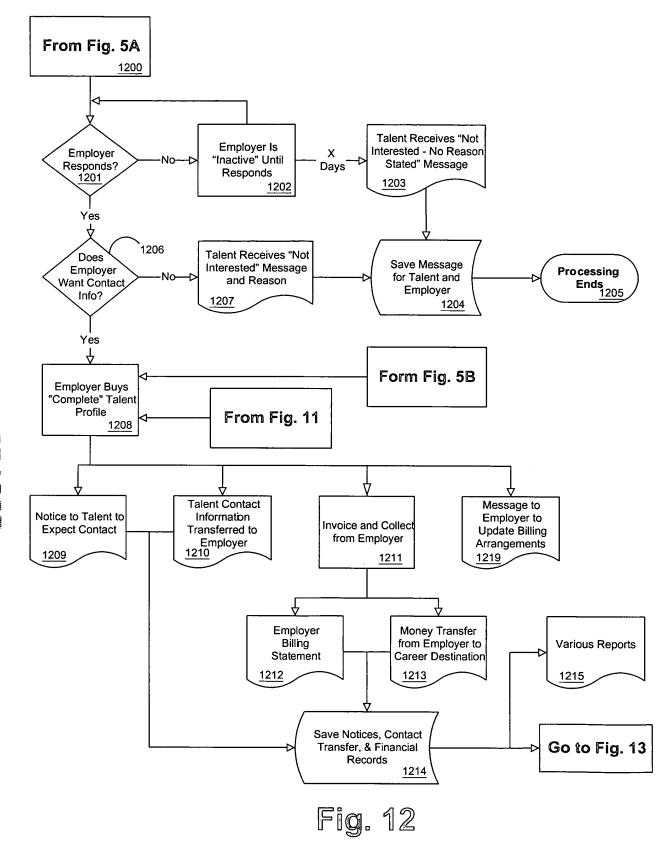


Fig. 11



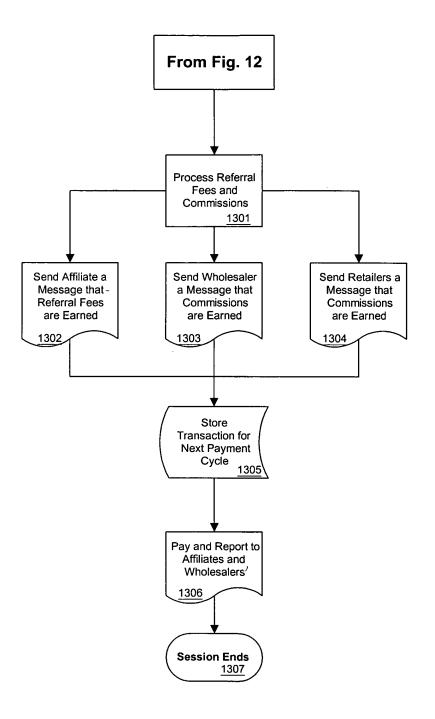


Fig. 13

### **Follow-Up Process**

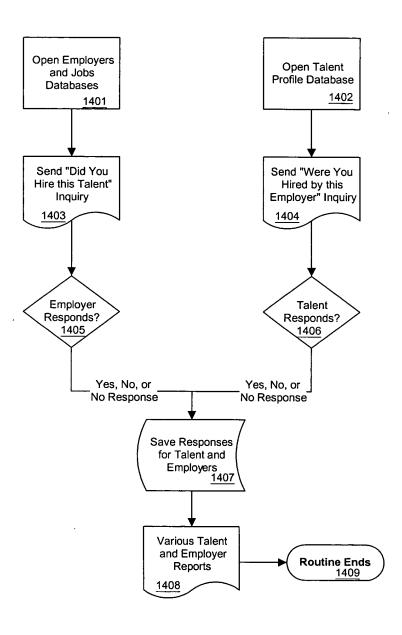


Fig. 14

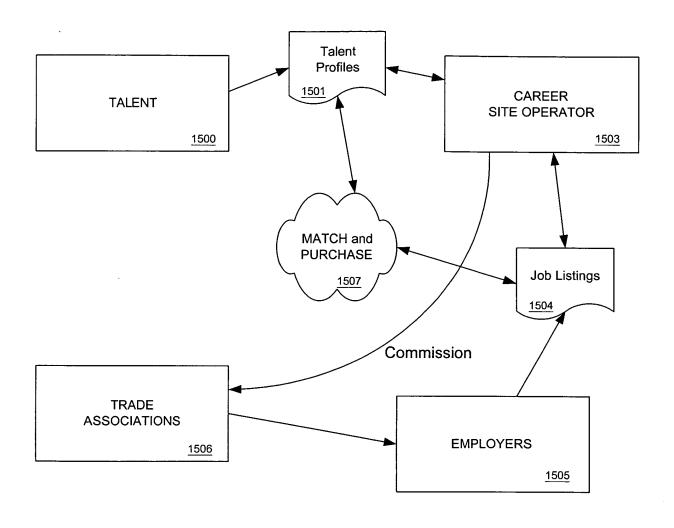


Fig. 15

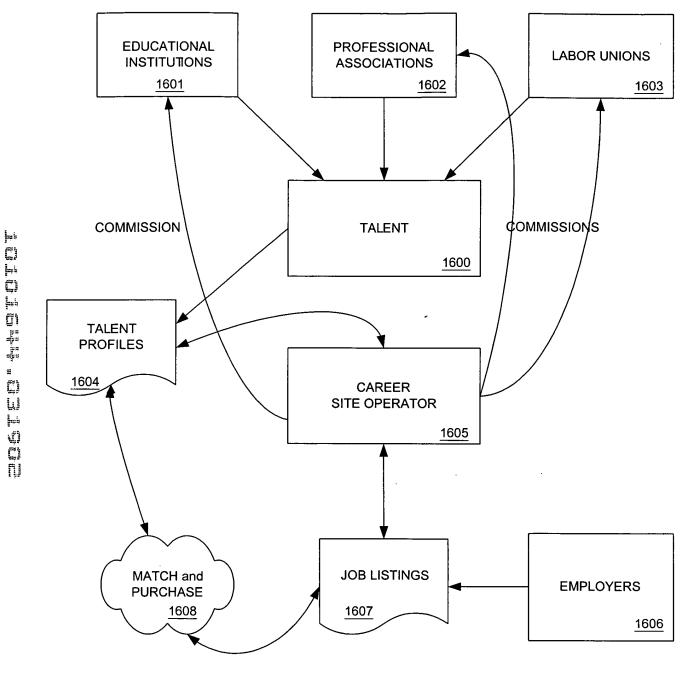


Fig. 16

Fig. 17

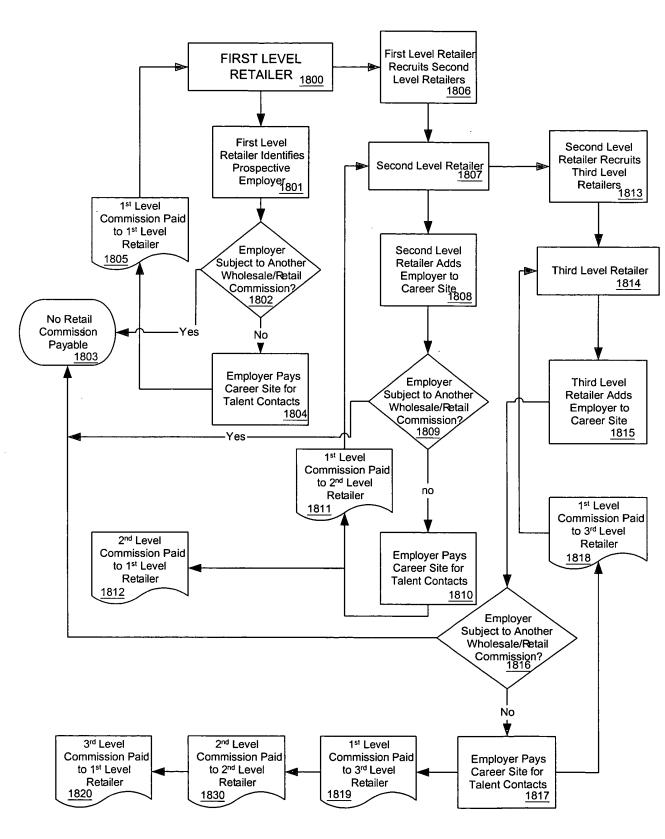


Fig. 18

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## APPARATUS AND METHODS FOR PROVIDING <u>CAREER AND EMPLOYMENT SERVICES</u>

#### FIELD OF THE INVENTION

This invention relates to network connected information systems, and, more particularly, to network connected information systems providing data processing applications in connection with optimizing individuals' employment searches and career opportunities, and optimizing employers' recruiting and hiring processes and decisions.

### BACKGROUND OF THE INVENTION

Finding and hiring highly qualified employees or talent for specific jobs is one of the most important objectives an employer undertakes. In furthering the employer's objective of hiring the best possible employees, an employer would ideally have access to detailed information regarding as large a pool of talent as possible and the pool of talent would include prospective employees who are highly qualified for the particular job that the employer seeks to fill. Without such information, a great deal of time and expense is often expended by employers in connection with their recruiting and screening functions, while, nevertheless, achieving unacceptable results.

Traditionally, employers have found potential talent among new school graduates through school-related job counseling resources, in response to classified advertisements for particular jobs, referrals from existing employees, and through the use of third-party recruiters ("headhunters"). Each of these alternatives is inefficient, and some are costly, as well. Furthermore, employers' articulation of the skills they seek to hire are imprecise. Typically,

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school-related job counseling resources, classified advertising, and word-of-mouth referrals deal in generalities.

When an employer seeks to hire an experienced employee, the pool of talent, within which a search is conducted, is often limited to individuals who have already worked in a particular job within a particular industry. Although it may be meritorious that a prospective employee has current or prior experience in a particular job within a particular industry, individuals with experience in other jobs within other industries may possess the particular skills that an employer requires for a particular job. Yet there exists no efficient means for identifying such individuals in other fields who may possess the precise skills sought by the employer. Consequently, an employer's employment recruiting and hiring processes and subsequent operations would be greatly enhanced if the employer could efficiently and cost-effectively identify highly qualified talent both within and without the industry and occupational categories of the employer.

Another employment problem faced by employers is that they often do not know when a particular employment position may become vacant. Specifically, while it is a business courtesy to provide two weeks notice of termination of at-will employment, employees occasionally terminate employment with less than two weeks notice. Additionally, it may occur that an employee may be terminated for a reason necessitating less than two-weeks notice, and injury, illness, or death may cause an employee to become unavailable to perform his or her job function. Further, even if a full two weeks is available to hire a replacement employee, frequently two weeks is not enough time to hire a person, particularly for skills that are in high demand.

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Another problem faced by employers is that they may stop searching for more highly skilled employee(s) than they have, if an employment position is currently filled. Consequently, an employer's recruiting and hiring processes, and subsequent operations, would be greatly enhanced if the employer could efficiently and cost-effectively identify highly qualified talent on a continuous basis. Accordingly, there is a need in the art for a practical continuous recruiting system.

Another employment problem faced by employers is that there is no uniformity among employers in how they communicate the requirements, compensation, and benefits of their employment positions to the public. As a result, it is difficult for talent to efficiently and cost-effectively identify the universe of employment positions for which their skills may be suited. Consequently, an employer's recruiting and hiring processes, and subsequent operations, would be greatly enhanced if the employer could efficiently and cost-effectively communicate detailed information about the skills and experience they require, and the compensation and benefits they offer, in a structured manner that facilitates the search by talent for optimal employment opportunities.

At the same time that employers are encountering difficulty in identifying highly qualified employees ("talent") to fill specific employment positions, talent is struggling to find the employers and employment opportunities that best match the talent's skills and objectives.

For talent, establishing and developing a career involves finding, researching, and targeting employers. Traditionally, talent has used the same sort of inefficient means to find employment opportunities as employers have used to find talent. Talent has generally relied on school placement resources, replying to classified advertisements, and word-of-mouth referrals from persons who may already be employed by a particular employer, a process that is as

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inefficient for talent as it is for employers. And traditionally, talent has relied on résumés to present their qualifications, yet there is no uniformity of résumés among talent. Talent generally must "tailor" their résumés to respond to particular employment opportunities, and talent may have only a limited understanding of the skills being sought by a particular employer. As a result, résumés are often unwieldy devices for employers to consider.

Also, it may be difficult for talent to determine which employers to target for potential employment, and which potential opportunity represents the optimal use of their skills. Accordingly, talent can waste much time and energy trying to find the right position and may, nevertheless, fail to find an optimal position.

Furthermore, it is difficult for talent to identify an appropriate format for expressing his or her skills to an employer. It is also difficult for talent to know what types of information to share with a prospective employer. Consequently, it is advantageous for talent to have the ability to maintain his or her résumé, including a detailed description of training, skills, and experience in a uniformly structured manner on both a current and cumulative basis (a "talent profile").

Even when a person is employed in a desirable position, economic or other circumstances may cause the unexpected termination of his or her employment. Specifically, talent may be laid-off or terminated at an unanticipated time. Even if a talent is not terminated, economic conditions may cause his or her employer to go out of business. In some circumstances, talent will be provided with adequate notice or severance pay to allow for adequate time to seek other employment in the event of undesired termination. However, in some circumstances, there is inadequate time. Accordingly, there is a need in the job placement industry for systems that allow talent to be continually in the job market or at least ready to enter the job market on short notice.

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Known methods of recruiting include the process by which a manager will prepare a job description, and send the description to a human resources ("HR") department, which may check its files of résumés to determine if a qualified applicant has previously contacted the company. The HR department may also consider qualifications of internal candidates, and finally, the HR department may place a classified ad in a newspaper or trade publication. The company may also retain the services of a professional recruiter, who may have connections with suitable talent. In addition to classified ads in printed publications, other media may be used to publish advertisements for talent.

As distributed computer networks such as the Internet have become widely used, it has become possible to provide classified employment ads to mass markets via on-line databases and publications. Most major newspapers now have on-line editions that may be used to search classified ads for job positions. For example, the employment classifieds of the Kansas City Star newspaper may be searched on line at <a href="http://www.kansascity.com">http://www.kansascity.com</a>.

Such on-line databases provide convenient access by employers to an audience that is potentially beyond the scope of coverage of subscribers to the printed newspaper. The on-line databases also have an advantage to talent in that talent is better able to search for jobs by geographic location or keyword. Of course, both of those features are present in regular newspaper classified advertising. Nevertheless, on-line databases of classified ads share the same major drawbacks as printed classified ads. First, both are highly unstructured and without uniformity of job parameters. Second, both solicit highly unstructured résumés without uniformity from prospective job candidates. Third, both involve the placement of advertising in exchange for an up-front payment obligation by the employer/advertiser.

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Because a cost is associated with posting a classified ad, there is an economic disincentive for employers to post jobs other than those for which there is a current (or currently expected) vacancy. Furthermore, the classified advertising model employed by newspapers and existing on-line employment sites attracts almost exclusively jobs for which there are current (or currently expected) vacancies. Accordingly, many fewer jobs are advertised than actually exist, and because much of the talent that is currently employed are not continually looking, the jobs that are advertised attract a much smaller pool of highly qualified talent than actually exists. This situation is bridged at significant cost to employers by their use of headhunters who recruit currently employed persons who may be willing to change jobs for a better opportunity, but are unwilling to continuously bear the burden of the search effort.

For employers with on-going recruiting and employment problems, the inefficiencies of existing mediums of finding the best, and, in many cases, sufficient talent for a job is a serious problem that contributes to on-going operational inefficiencies. Likewise, for talent who would like to have access to the complete picture of available jobs, the economic disincentive placed on employers to provide information about all of their jobs is a serious problem that diminishes talent's ability to optimize his or her career.

For employers, the classified ad system allows a company to develop a group of résumés of persons who have responded to ads. Employers may also consider classified ads placed by talent, indicating that they are available for employment. However, there is a similar economic disincentive for talent to pay for publication of a classified ad. Further, this combined group of talent résumés is small in relation to the potential universe of talent, and it does not provide an employer with the detailed and comprehensive information necessary for employers to select an ideal candidate.

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Other recruiting systems are basically improvements to the newspaper-based classified ad system. Several improvements have been proposed and implemented. Specifically the Monster.com job board, which may be found at <a href="https://www.monster.com">www.monster.com</a>, collects résumés and allows posting of classified employment ads. Systems like Monster.com represent an improvement to the traditional classified ad system, in that these types of bulletin boards collect résumés for free. Nevertheless, the posted jobs are essentially searchable classified ads, and the résumés posted on Monster.com are not searchable without payment of a significant fee. Again, this places an economic disincentive on employers to search out the best qualified candidate for a job.

The Monster.com site indicates that it is covered by U.S. Patent No. 5,832,497 to Jeffrey C. Taylor ("the Taylor patent" or "Taylor"). The Taylor patent describes a system for managing classified employment ads, using of two databases to store information about résumés and about jobs.

Taylor discloses providing job industries, company identifiers, job disciplines and job titles. Taylor describes using a password system to specify who has access to the job records for the purposes of adding, changing, and deleting job records. Employer-users are charged for contact information on applicant users. Fees are structured as a basic subscription charge allowing a predetermined number of accesses, with a predetermined fee associated with each access above the predetermined number of accesses.

Several other on-line job sites collect information about applicants and provide this information to prospective employers in various ways; however, these systems suffer from drawbacks similar to those of the Taylor patent. Specifically, HotJobs.com, Ltd. (<a href="https://www.hotjobs.com">www.hotjobs.com</a>) allows a user to choose a city and also to specify a corresponding

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metropolitan area. Using HotJobs, a user can search for a job in New York, for example, and find jobs in nearby cities, without knowing the names of the other cities.

To use the HotJobs site, a job search user first registers by providing his or her E-mail address and a password. Next the job search user is prompted to either paste in the text of an existing résumé or to answer a set of questions that will provide for the automatic generation of a résumé. In addition to asking questions pertinent to the résumé, the HotJobs system asks job search users about the types of jobs they are seeking, whether they are willing to relocate, and whether they would like their résumé to be searchable by employers and/or recruiters. If the job search user elects not to allow his or her résumé to be searchable, the résumé will only be accessible by those employers that the job search user specifies by using a process described below. An arbitrary job search user of the HotJobs web site may search all of the posted jobs. By registering and creating a résumé, the job search user can apply to any of the posted jobs.

Like Monster.com, HotJobs.com charges for posting jobs. Therefore, the same economic disincentives are placed on employers that would use the HotJobs system as is placed on employers that would the Monster system.

Accordingly, known on-line job advertising systems represent only minor improvements over the traditional newspaper-based employment classified advertising system. And the known on-line job advertising systems retain the significant economic limitation of being based on the newspaper employment classifieds paradigm. The services charge employers for posting their jobs, just as in the newspaper model, and then they charge fees for merely having the ability to search through the database of talent résumés.

Because the pay-to-post and subscribe-to-search systems impose upfront economic barriers on employers, the systems have the disadvantage of providing a disincentive for all

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employers to post all of their jobs. Further, when talent knows that only a subset of available jobs are posted and that employers are charged to search résumés, talent will not be optimally motivated to use the career site.

In order to avoid the economic barriers presented by traditional print and on-line media to the comprehensive posting of employment opportunities, some employers have established employer-owned Internet sites wherein they list some or all of their employment positions. Such sites, to the extent that the employer has listed all of its employment positions, can provide a prospective employee with a comprehensive view of opportunities with that employer, but not with any other employer. Therefore, while employer-owned sites avoid the economic barriers of classified advertising, they do so at another cost – the loss of broad exposure to the available pool of prospective employees, most of whom are unaware of the employer-owned sites.

While the Internet theoretically allows an unlimited number of prospective employees to visit an employer's web site to view potentially all of such employer's positions at little or no cost to the employer, that benefit is accomplished via the transfer of economic burden to the prospective employee who must search countless employer sites hoping for a comprehensive view of employment opportunities. Some people have attempted to reduce the cost-transfer defect of employer-owned sites by creating "collector" sites that electronically link to various employers' separate sites. Such collector sites are mere conduits that may attract incremental attention from prospective employees, but do little, if anything, to ultimately eliminate the economic burden that is shifted to prospective employees. This is because the employers continue to post their employment positions to their separate sites. Under such collector systems, the prospective employee must still periodically visit each site in order to acquire a comprehensive up-to-date view of the market place of employment opportunities. That burden

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imposes substantial economic costs on the prospective employee due to the significant time inefficiencies entailed.

Accordingly, a system is needed that does not have the limitations of existing systems, and that encourages the participation of all employers and all talent in an economically efficient, on-going process of optimizing the use of available skills.

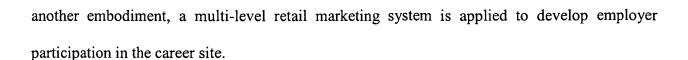
### BRIEF SUMMARY OF THE INVENTION

Systems, methods, distributed networks, and computer-readable media are provided that relate to employment services. Background information associated with talent-capability attributes is received from talent in a structured format. Job description information is received from employers in a structured format. Prospective matches are identified between employers and talent, and employers and talent are given an opportunity to mutually consent to the exchange of talent contact information. In one embodiment, after such mutual consent has been granted, a financial transaction is consummated wherein the employer pays a fee to the career site operator.

In one embodiment, skills descriptions are received from talent. In one embodiment, mutual consent is indicated by a request for an interview and an acceptance of a request for an interview. In one embodiment, follow up surveys to employers and talent are used to provide feedback to career site participants.

In one embodiment, employers provide information regarding multiple divisions, including geographical and access scope information.

In one embodiment affiliate marketing arrangements are utilized to promote use of the career site. In another embodiment, wholesale marketing techniques are employed. In yet



# 5 BRIEF DESCRIPTION OF THE DRAWINGS

These and other inventive features, advantages, and objects will appear from the following Detailed Description when considered in connection with the accompanying drawings in which similar reference characters denote similar elements throughout the several views, and wherein:

- Fig. 1 shows a schematic block diagram of a network in which information systems consistent with the present invention may be practiced;
- Fig. 2 is a schematic block diagram representing interrelationships between databases consistent with the present invention;
- Fig. 3 is a flow diagram representing an unauthenticated user or interacting with a career site consistent with the present invention, and a talent interacting with a career site consistent with the present invention;
- Fig. 4 is a flow diagram representing a process whereby talent searches for and selects jobs and whereby it is determined if talent has the minimum qualifications established and required by the employers for the job(s) that talent has selected, the processes being performed in connection with talent interacting with a career site in operating in a manner consistent with the present invention;

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Fig. 5A is a flow diagram representing a series of talent-initiated processes for gathering governmentally regulated information about a talent in a manner consistent with the present invention;

Fig. 5B is a flow diagram representing a series of employer-initiated processes for gathering governmentally regulated information about a talent in a manner consistent with the present invention;

Fig. 6A is a flow diagram representing a talent-initiated process for collecting information pertaining to protected classes of employees, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 6B is a flow diagram representing an employer-initiated process for collecting information pertaining to protected classes of employees, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 7A is a flow diagram representing a talent-initiated process for determining the eligibility of talent to be employed in certain jobs requiring U.S. citizenship, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig. 7B is a flow diagram representing an employer-initiated process for determining the eligibility of talent to be employed in certain jobs requiring U.S. citizenship, the process being performed in connection with talent interacting with a career site consistent with the present invention;

Fig 8 is a flow diagram representing a process performed in connection with an unauthenticated user interacting with a career site consistent with the present invention, and an employer interacting with a career site consistent with the present invention;

Fig. 9 is a flow diagram representing a series of processes performed in connection with an employer interacting with a career site consistent with the present invention;

Fig. 10 is a flow diagram representing an employer-initiated process whereby an employer searches for and selects talent profiles for the purpose of establishing talent interest in the employer's employment opportunity using a career site in operated in a manner consistent with the present invention;

Fig. 11 is a flow diagram representing an employer-initiated process for determining whether talent is interested in the employer's employment opportunity in a manner consistent with the present invention;

Fig. 12 is a flow diagram representing the purchase of talent contact information by an employer in a manner consistent with the present invention;

Fig. 13 is a flow diagram representing the payment of referral fees and commissions for a career site operated in a manner consistent with the present invention;

Fig. 14 is a flow diagram representing a procedure whereby additional information about talents' and employers' employment decisions is gathered subsequent to the release of talent contact information to a prospective employer in a manner consistent with the present invention;

Fig. 15 is a schematic block diagram representing the relationship of trade associations to talent, employers and a career site in a system consistent with one embodiment of the present invention;

Fig. 16 is schematic a block diagram representing the relationship of educational institutions, professional associations, and labor unions to talent, employers and a career site in a system consistent with another embodiment of the present invention;

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Fig. 17 is a schematic block diagram representing the relationship of wholesalers to trade associations, professional associations, educational institutions, labor unions, employers, talent, and a career site in a system consistent with yet another embodiment of the present invention; and

Fig. 18 is a flow diagram representing the relationship of multiple levels of retailers with a career site in a system consistent with a further embodiment of the present invention.

#### DETAILED DESCRIPTION

Referring to the drawings in greater detail, Fig. 1 shows a block diagram of an embodiment of a network in which information systems consistent with the present invention are practiced. Computers 110 represent client computers that are used by talent, employer-users, and other users and administrators of career systems consistent with the present invention. Client computers 110 are of any type of data processing system capable of interacting with a network based application, including conventional personal computer ("PC") type computer systems that are available from companies such as Hewlett-Packard Company and Dell Computer Corporation, employing an operating system such as, for example, the Linux operating system (which is available from companies such as Red Hat, Inc.) or the Windows operating system (which is available from the Microsoft Corporation). Alternatively, computers 110 utilize a UNIX platform such as those available from Sun Microsystems and Silicon Graphics Inc. or the type of computer sold under the trademark Macintosh<sup>TM</sup> by Apple Computer Corporation.

In alternative embodiments client computers 110 may also be implemented using other types of computing platforms including thin clients, such as, for example, network computers or

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using personal digital assistants ("PDA"), such as, for example, the iPAQ<sup>TM</sup> from Compaq Computer Corporation, or the Palm Pilot<sup>TM</sup> from Palm, Inc.

Network 120 represents a network, such as, for example, the Internet, which is an interconnected network of other networks, including local area networks ("LANs"), wide area networks, ("WANs"), wireless networks, the public services telephone network ("PSTN") or any other network capable of transmitting and receiving digital information.

Through the network 120, client computers 110 may interact with network applications such as career site application 140. In one embodiment, the career site application 140 comprises a web server 150 such as, the Apache web server available from the Apache Software Foundation, or the Internet Information Server ("IIS") available from the Microsoft Corporation. In one embodiment, web server 150 provides application specific information to client computers 110 based on information associated with a database server 170. Application information is structured based on business logic contained in an application server 160. E-mail server 142 operates in connection with the web server 150 to facilitate sending and receiving of E-mail messages. Alternatively, each of the E-mail server 142, the web server 150, the application server 160, and the database server 170 may be implemented in various ways, including as three separate processes running on three separate server computer systems, as processes or threads running on a single computer system, as processes running in virtual machines, and as multiple distributed processes running on multiple computer systems distributed throughout a network. In one embodiment, multiple servers corresponding to the Email server 142, the web server 150, the application server 160, and the database server 170 are used. In this embodiment, conventional load balancing techniques are employed to balance network load between the multiple servers.

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In one embodiment, application server 160 is a ColdFusion™ application server available from Macromedia, Inc. In this embodiment, when one of client computers 110 requests a web page from web server 150, a request is transmitted through web server 150 to application server 160, where the request is processed and data requested from database server 170 as necessary. Upon processing of the request a response is prepared and returned to one of client computers 110 via web server 150.

Computer systems such as web server 150 and application server 160 include memories in which information resides. These memories may be either non-volatile, as in the case of flash electrically erasable programmable read only memory, or volatile as in the case of random access memory.

### I. CAREER SITE OVERVIEW

In one embodiment a career site is provided in connection with a web site running on a web server such as web server 150 of Fig. 1. Users wishing to search jobs or talent profiles on the career site do not have to register to gain access to a subset of features on the career site. In one embodiment, when a career site is operated as a business, a fee is generated when an employer elects to purchase contact information corresponding to a talent profile. Consistent with the invention, there is no risk to an employer by listing its jobs on the site because, unlike a typical classified ad, there is no fee associated with listing jobs on the career site. Further, a participating employer pays nothing until it identifies talent having an appropriate set of skills and experience, and the talent has expressed interest in the employer.

In one embodiment, the amount of the fee paid by an employer to the career site before obtaining contact information is related to the educational level of a particular talent. In this

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embodiment, the structured system of recording educational levels in the talent profile is used in connection with accounting aspects of the career site. For example, in one embodiment, the charge for talent contact info is mapped to the highest education level as follows: (i) GED costs \$30; (ii) high school costs \$40; (iii) vocational educational training costs \$50; (iv) associate's degree costs \$50; (v) bachelor's degree costs \$65; (vi) master's degree costs \$80; and (vii) doctorate costs \$100. In another embodiment, a flat fee, such as, for example \$50 is charged for all talent contact information regardless of education level or required compensation. In another embodiment, the price of contact information is related to the maximum offered compensation of the employer and is independent of educational level. In yet another embodiment a combination of factors is used in determining the cost of contact information, including for example, education level and the intersection of required and offered compensation.

Any employer that wishes to add job descriptions to the job database may do so without incurring any costs payable to the career site operator for such additions to the job database. In one embodiment, an employer that requires the assistance of the career site operator in entering its jobs in the career site databases may be required to pay fees for such assistance, but an employer's use of such assistance is at the employer's discretion. Consequently, the ability to avoid the economic barriers represented by the existing models of searching for prospective employees removes the disincentive to posting all of an employer's jobs that is found in classified advertising based systems.

Since employers may comprehensively post any number of jobs for free, the career site may be considered a continuous recruiting system. As a result, employers may efficiently, effectively, and at low cost optimize the pool of skills represented by their personnel. And the resulting comprehensive listing of jobs, encourages talent to post and maintain, throughout their

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career life, a talent profile that enumerates and describes talent's specific skills and qualifications in order to match as often as possible the skills defined by employers in any number of job listings. Because talent profiles are exposed on a continuous basis to comprehensive listings of jobs by a potentially comprehensive pool of employers, the career site may be considered a continuous employment search and continuous career enhancing system.

The arbitrary user of the invention may search job listings and talent profiles for free. While it is common for job seekers to be able to search advertised jobs of multiple employers for free on various commercial media, and to be able to search jobs of individual employers for free on separate employer-owned on-line sites, nowhere may job seekers search a comprehensive database of freely-listed employment opportunities that is unimpeded by the transaction cost of advertising. And employers that want to search résumés face even more hurdles. In the case of print media, résumés cannot be searched; in the case of current on-line systems, résumé searches are typically subject to subscription and other fees. Accordingly, there is a need in the art for practical and inexpensive ways for employers to search for résumés.

Consistent with the present invention, talent profile searches yield results that do not include either the talent's contact information or the name of talent's current employer. Therefore, applicants need not be concerned that their information is available to be searched. Additionally, since one of the fields in a talent profile allows an applicant-user to specify that he or she is currently content with his or her position, talent need not be concerned that posting a talent profile may place talent's current employment at risk in the unlikely event that the talent's current employer may happen upon talent's profile and recognize it. In one embodiment, talent profiles are always active unless rendered inactive for failure to respond to requests for interviews.

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In an alternative embodiment, a talent is provided an opportunity to disable his or her talent profile. In this embodiment, if a particular talent profile is disabled the talent résumé will not be provided to employers, and the talent will not receive messages regarding requests for interviews.

When an employer is seeking talent and searches the talent database for a person with a predetermined level of training, skills, and experience, and finds one or more suitable talent profiles, the employer becomes the initiating party to the ensuing transactions. When a talent is seeking employment and searches the database for a desirable employment position, the talent becomes the initiating party to the ensuing transactions.

Next the system compares the parameters of the talent profile and the job listing involved in the initiating party's inquiry, including comparing the minimum required compensation of the talent with the maximum provided compensation of the job position. If the parameters do not match or overlap, the initiating party is told that the parameters (for example compensation requirements) do not match. The initiating party may then be offered an opportunity to change parameters and to try the comparison again.

In one embodiment, if talent-initiator attempts to apply for a job listing having a minimum compensation expectation that exceeds the employers maximum, a message is sent to the applicant stating that "Your minimum compensation expectation exceeds the employer's maximum, and, therefore, we have not forwarded your profile to the employer. Would you like to change your compensation expectation?" In this way, for example, if talent discovers that his or her expectations are not matched with the current set of posted jobs the talent has an opportunity to adjust compensation requirements. Similarly, an employer-initiator may become interested in a talent profile exhibiting a particular set of training, experience, and skills, but the

minimum compensation expected by the talent may exceed the maximum compensation that the employer has defined for the job it seeks to fill. In such a circumstance a message is sent to the employer informing it of that fact, whereupon the employer may decide to increase the maximum salary range or to make a new inquiry pertaining to a different talent.

In one embodiment, if a talent is notified that his or her minimum required compensation is too high and declines to lower his or her minimum, the corresponding employer is notified that talent are considering the employer's job descriptions and electing not to lower their minimum requirements. In this way, employers are provided an opportunity to raise the maximum compensation, even in situations in which a talent is the initiating party.

In an employer initiated process, when an employer declines to increase its maximum compensation in response to a message that it is too low for talents' minimum requirements, the employer-identified talent are notified of the failed match and that an anonymous employer has declined to increase maximum compensation. Then, talent is provided an opportunity to lower their minimum requirements. In this way, an initial, anonymous salary negotiation can take place to facilitate employer and talent matching.

Mutual interest is the basis for facilitating the exchange of contact information between talent and an employer. Once an internal matching has occurred in response to an action by an initiating party, the non-initiating party must consent before the release of talent's contact information.

When a talent is the initiating party, the talent, by initiating the process, grants his or her consent to provide contact information in the event that the employer wishes to purchase the talent's complete talent profile. If the employer expresses interest in pursuing the recruiting opportunity, the transaction is completed, each party is notified, the talent's contact information

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is transmitted to the employer, and the employer contacts the talent. In one embodiment, an employer that declines a talent-initiated employment inquiry is presented with a survey requesting reasons why the employer declined. Reasons may include, for example, talent's lack of experience. Responsive e-mails or other communications are then presented to the talent about why the employer declined the talent's inquiry. In one embodiment, if the employer does not respond to the initial inquiry or to the subsequent survey, the talent is informed, "The employer corresponding to the job that you selected declined to pursue your inquiry. No reason was stated."

When an employer is the initiating party, the employer indicates its consent to purchasing the complete talent profile in the event that the talent is interested in the employer's employment opportunity. If the talent is interested in pursuing the employment opportunity, the transaction is completed, each party is notified, the talent's contact information is transmitted to the employer, and the employer contacts the talent. In one embodiment, a talent that declines interest in an employer-initiated employment opportunity is presented with a survey requesting reasons why the talent declined the employment opportunity. Reasons may include, for example, geographic location. Responsive e-mails or other communications are then presented to the employer about why the talent was not interested in the employer's employment opportunity. In one embodiment, if the talent does not respond to the initial inquiry or to the subsequent survey, the employer is informed, "The talent that you selected declined your employment opportunity. No reason was stated."

Feedback is useful for several reasons. For example, it allows talent to develop a realistic understanding of the types of skills and qualifications for which employers are looking and the compensation and benefits that employers are willing to provide; allows employers to assess the

adequacy of their compensation packages and other aspects of their employment of their employment environment; and removes or reduces the uncertainty associated with rejection by the non-initiating party, or that may accompany waiting for a response from the non-initiating party when it is unclear whether the lack of a response indicates a delay in processing or a rejection.

Transmission of contact information may be carried out in various ways, including presenting the information via an authenticated web page, electronic mail, facsimile, or any other convenient medium for communicating contact information.

Job listings that are presented by employers are different from classified ads. In one embodiment, job listings are similar to the employers' internal human resources job descriptions.

Although job information may be entered manually, one embodiment consistent with the present invention allows electronic exchange of such information from separately maintained human resource databases directly into career site databases. This process is facilitated and optimized by the structured nature of the career site databases.

In one embodiment, the career site receives precise talent profile information including a uniformly described college degree, with major and minor degree programs. In one embodiment, employer job listings are associated with a database of more than 31,000 occupations. In one embodiment, the occupations database includes information that can be obtained from the U.S. Department of Labor at <a href="http://www.oalj.dol.gov/libdot.htm">http://www.oalj.dol.gov/libdot.htm</a>.

In one embodiment, some of the talent profile information, for example, talent's current employer or current compensation is not disclosed to employers unless they purchase a complete talent profile. In one embodiment, talent profile information may include information that may be disclosed to employers only under special circumstances. For example, citizenship

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information may be optionally collected from a talent, so that if the talent wishes to apply for a position requiring a particular citizenship status, he or she will be able to automatically provide that information. In many cases, however, it is inappropriate for an employer to consider citizenship in its hiring decisions, because such consideration may lead to discrimination on the basis of national origin. Accordingly, a career site, consistent with the present invention will provide citizenship information only in circumstances in which it would be appropriate for an employer to consider the information.

Similarly, Federal Law and Executive Order require certain employers to collect and analyze race and gender information of all applicants to ensure that impermissible discrimination is not taking place. Accordingly, career sites consistent with the present invention have the ability to optionally collect information from talent regarding race and gender information. In one embodiment, race and gender information is provided to the employer at the time the employer makes the hiring decision, but the employer agrees not to use the information to unlawfully discriminate in any way. Furthermore, after hiring decisions are made, and on a predetermined interval, such as, quarterly, race and gender information on an individual basis is provided to the employer for a fee. In this way, employers may inexpensively comply with legal requirements, have adequate information to prevent discrimination, and document that non-discriminatory practices are in fact compliant.

In one embodiment, the career site inquires about a talent's licenses and certificates, such as for example, Licensed Practical Nurse, or Certified Public Accountant. In another embodiment, the career site asks about professional accomplishments. In a further embodiment, the career site asks about a talent's English and foreign language skills. In an additional embodiment, the career site asks about a talent's professional associations. In another

embodiment, the career site asks about the educational institution(s) attended by the talent, and the talent's field(s) of study, including specialties such as medical specialties. In a further embodiment, a talent is asked to classify his or her current and past employment history according to the North American Industry Classification System ("NAICS") and the Dictionary of Occupational Titles ("DOT"). These detailed questions provide a better understanding of a talent's experience than merely asking about what an applicant did in his or her prior positions. Further, the system allows input of educational and professional awards, professional recognitions, and honors that talent has received.

Additionally, in yet another embodiment, the career site is designed to receive skills information from a talent. By allowing a talent to describe skills organized in a structured manner, a talent has the ability to manage and to achieve optimal future employment by comprehensively collecting data on his or her marketable attributes. Further, the skills information provided by a talent is in a format that distinguishes itself from mere conclusory statements of skill, such as, for example, "highly skilled in Russian language." Instead, the talent is asked to (i) identify a skill among various skills set forth by the DOT that constitute analytical, communications, and mechanical skills; (ii) explain how the skill was acquired; and (iii) explain how the skill helped the talent perform his or her employment duties in a better fashion. By describing skills as identified above, it is clear how the person has acquired and utilized the particular skill, which allows an optimal evaluation of talent.

Methods, systems, and distributed networks consistent with the present invention provide a powerful cumulative database management system for talent and employers alike. For talent it is a cumulative skills management system that a talent can maintain over the talent's lifetime and that can be used to cumulatively describe: (i) educational programs, including educational

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institutions, levels of education, fields of study, and specialty fields of study; (ii) employment positions, including employer names and prior job descriptions that are cross-indexed to the NAICS, and the DOT; (iii) licenses and certifications; (iv) languages; (v) analytical skills that are cross-indexed to the DOT; (vii) mechanical skills that are cross-indexed to the DOT; (vii) professional affiliations; (ix) professional references by employment position; (x) professional accomplishments; (xi) personal references; (xii) personal accomplishments; and (xiii) other relevant cumulative items associated with the constantly evolving attributes associated with a person's actual experiences.

For employers, the management system is a cumulative human resources recruiting and management system that enables management of: (i) employer-account users corresponding to various employer human resources recruiting and management functions; (ii) the recruiting needs of divisions or business units within the enterprise; (iii) the recruiting needs of employment positions, cross-indexed to the DOT, including current open positions, and if desired all employment positions within the company; (vi) recruiting pay scales; (vii) benefits programs; (viii) self-identification and reporting requirements of race and gender of applicants to document effective non-discrimination policies of the employer; (ix) reporting of the self-identification data if required by regulators; (x) jobs requiring U.S. citizenship; (xi) the number of filled and unfilled employment positions; (xii) the skills required for each employment position; and (xiii) other human resources recruiting and management functions.

Because a talent classifies each of his or her employers by industry and dates of employment, methods, systems, and distributed networks can be configured to aggregate relevant portions of the talent's work experience in any tier of an industry using NAICS codes that are a part of the industries database consistent with the present invention. Further, because a talent

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classifies each of his or her employment positions by occupation and dates of employment, the talent's work experience in any tier of occupations can be aggregated using the DOT codes that are a part of occupations databases consistent with the present invention.

Additionally, by using structured data corresponding to analytical, communications, and mechanical skills that are a component part of the DOT classification system, employers have the ability to search occupational titles other than the particular occupational title associated with a particular employment position for skills similar to those required for the particular employment position. Identifying target skills found in other occupational titles may, optionally, be based on the primary analytical, communication, and mechanical skill required for each occupational title, but may include skills other than the primary skills, and in any combination.

Because the analytical, communications, and mechanical skills that the career site requests talent to describe correspond to the DOT codes, employers have the ability to search for relevant skills that a talent described in his or her talent profile.

In one embodiment, employers may search based on a closest metropolitan area. According to this embodiment, a search will match talent residing outside of a particular metropolitan area if the talent's location is nevertheless closer, in terms of cost, distance, or time, to the selected metropolitan area that to any other metropolitan area. In one embodiment, talent may search for employers based on a closest metropolitan area. In an alternative embodiment, the closest metropolitan area feature is not used in connection with U.S. metropolitan areas but is used in connection with metropolitan areas outside of the U.S.

#### A. TALENT

Users may search job listings at no cost without registering with the career site. However, in order to apply for an employment position, a user must have registered as a "talent" and must have posted a talent profile to the career site's talent profile database. In order to post his or her profile to the talent profile database, a talent must (i) select a username and password to prevent unauthorized access to the talent's profile; (ii) provide all required personal information, such as, for example, name, address, phone number, and e-mail address; (iii) provide all required information with respect to at least one school that the talent has attended, such information to include, for example, the name of the school, the talent's graduation status, the talent's level of education, and the talent's primary field of study; and (iv) provide all required information with respect to at least one employment position that the talent has held (or indicate that he or she has never been employed), such information to include, for example, the name of the employer, the dates of employment, the title of the job held, the employer's industry classification according to the NAICS, the occupational classification of the employment position held according to the DOT, a description of the employment position held, and other information relevant to the employment position talent has held. Optionally, talent may enter information describing his or her special skills and abilities such as analytical skills, communications skills, mechanical skills, language skills, licenses and certifications, and professional and personal accomplishments.

In one embodiment, the talent's identity is not discernable to the arbitrary user of the career site. In another embodiment, digital certificates are employed to prevent unauthorized access to the talent's profile. Authentication and authorization may be performed for a user account using other methods, including biometrics, smart cards, and tokens.

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After having created a talent profile, a talent may conduct more refined searches of the career site's jobs database, and may apply for jobs on the system.

In one embodiment, once a talent profile is established, the talent may access a message repository similar to an electronic mail box. The repository contains information about jobs sought and the status of the employers' response to the talent's inquiries. The repository also contains information regarding employer inquiries regarding the talent's profile. In each case, the information is linked to a specific job listing, and provides other information such as the current status of each inquiry, the dates of inquiry, and the response by either the employer or the talent depending upon who initiated the inquiry.

In another embodiment, potential matches are automatically suggested to talent based on comparisons with job descriptions seeking talent having attributes similar to those provided in the talent profile.

### B. EMPLOYERS

Users may search talent profiles without registering with the career site. However, in one embodiment, in order to obtain any talent contact information, a user must establish an account as an "employer," and must post at least one job listing to the career site's jobs database. To establish an account, the employer must register with the career site. In one embodiment, the individual establishing the account on behalf of the employer is designated as the "account manager." In one embodiment, the identity of the initial account manager is established when an employer account is created. In one embodiment, another individual may be designated as a substitute or replacement account manager. In one embodiment, the identity of account managers is not discernable to the arbitrary user of the career site.

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In one embodiment, a username and password is selected by or provided to the account manager to prevent unauthorized access to an employer's account. In another embodiment, digital certificates are employed. Authentication and authorization may be performed for a user account using other methods, including biometrics, smart cards, and tokens.

Some employers, especially large enterprises, may wish to allow multiple persons to have access to their account ("account users") to maintain job listings on the career site. Some employers, especially large enterprises, may wish to create multiple divisions of their account to categorize job listings pursuant to the employers' operational divisions. Some employers may wish to allow multiple account users for various divisions, and/or to assign multiple divisions to one or more account users. Accordingly, in one embodiment, the employer-user is asked whether the employer has multiple divisions. If the answer to the multiple divisions question is "No" then all posted jobs for the employer go to a single listing for the employer. If the answer is "Yes" then the employer may designate separate divisions, which correspond to the employer's separate business units, facilities, offices, departments, etc., and which may be separate legal entities such as subsidiaries. In this way an employer more effectively manages its jobs by location, division, or business unit.

In one embodiment, employer division information is structured in a hierarchical manner, beginning with the parent company, which is the employer in whose name the employer account is established. Each subsequent division is categorized, for example, according to Statements of Financial Accounting Standards No. 141 and 142, as: (i) a subsidiary company, which typically corresponds to legal entities at least partially owned by the parent company; (ii) an operating division, which corresponds to plants, product lines, or other constructs identified by an employer as a "division"; (iii) a reporting unit, which is an employer identified segment of an

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operating division; and (iv) a department, which is an employer identified, and separately tracked, segment of a reporting unit. Any number of divisions of any category may be associated with an employer account.

In another embodiment, the employer is asked whether it wants to allow multiple users to have limited access to the employer's account. If the answer is "No," then only the account manager may use the account. If the answer is "Yes," then the account manager may identify multiple account users. In another embodiment, account managers may grant account users access to conduct administrative and recruiting functions for some divisions, and restrict access to other divisions. Further, in one embodiment, employers may grant account users access to conduct administrative and recruiting functions for some job listings, and restrict access to other job listings within the same division. In one embodiment, to accommodate these features, the account manager establishes a username and password for each account user. Ordinarily an employer account manager will have the authority to grant and restrict access to account users.

Once an employer is authenticated, the employer's account manager may access a message repository similar to an electronic mail box. Account users may access message repositories established for them that correspond to the account users' division and job listing assignments. Such repositories contain information about talent sought and the status of such talents' responses to the employer. The repositories also contain information about talent inquiries regarding the employer's job listings. The talent sought and talent inquiries sections of the repositories contain records having information including: (i) employer division(s); (ii) account user(s); (iii) linked job title(s), which provide a connection to the posted job(s), (iv) linked talent profile identifier(s), which provide a connection to blind or complete talent profile(s); (v) dates of inquiry and response; and (vi) current status.

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In one embodiment, when the employer initially creates or later modifies its employer profile, the system asks the employer to classify itself using an industry classification. When an employer indicates that it has multiple locations, divisions, or business units above, the employer is prompted for an industry classification for each of its sub-entities.

In one embodiment, the billing contact for the employer defaults to the first account manager of the employer account. However, the default billing contact may provide information about a different billing contact by clicking on a check box. User interfaces other than the check box may be used to provide instant access to entering an additional billing contact. Billing contacts may be done for the entire enterprise, or assigned on a sub-entity basis.

In another embodiment, when a job listing is created, the employer is asked to (i) classify the job according to the DOT; (ii) describe the various skills required for the job such as educational level, field of study, specialty, and language skills, etc. using the career site's databases; (iii) provide a narrative description of the job; and (iv) provide other information pertinent to the career site's functionality, such as the maximum compensation that the employer has assigned for the job listing, and any regulatory criteria.

# C. DATA CONTROLS

The career site employs a number of internal controls to insure the integrity of its data. In one embodiment, when a user of the career site inputs a city, the city is checked against a database of geographical information, and if the city is not found, the user is provided with an indication that the city was not present in a comprehensive database of cities. In one embodiment, a city is selected from existing choices by way of a multi-level hierarchical data

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structure, in which the levels include, for example, country, state or province, county or parish, and city.

Additionally the data input system is advantageously constructed so that all input data is checked for upper and lower limits, and that all data is otherwise in conformance with the restrictions of the career site's systems. For example, in one embodiment, postal codes preferably include the appropriate number of digits for the applicable country; geographic areas are cross-checked against the comprehensive database; U.S. phone numbers must be ten digits; foreign phone numbers preferably include an indication that they are not domestic, e.g. by starting with a "+" sign for example; names (such as, for example, city, employer, school, and other types of names existing in the career site databases) are checked against existing names in the various databases; industry classifications, occupational classifications, fields of study, languages, and various licenses and certifications learned by the system are checked against existing data; and information pertaining to analytical skills, communications skills, mechanical skills, and professional and personal accomplishments are collected in a comprehensively structured manner. All of these steps are designed to insure that talent and employers are guided to provide the fullest extent of relevant information, and to insure the uniformity and integrity of data to the fullest extent possible.

In one embodiment, telephone numbers are received in an unstructured manner, without restriction. In this embodiment, application server 160 determines if an international or domestic number has been entered, based on the number of total digits entered. In this embodiment, special characters (i.e. +) are not stored with the phone number field. Special characters may be removed in various places within career site application 140, e.g. in a browser associated with client computer 110 or in web server 150 or in application server 160.

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### II. DATABASES

Fig. 2 is a block diagram representing interrelationships between data sources consistent with the present invention. In one embodiment, a relational database management system ("RDBMS") may be employed, such as, for example, Oracle9i from Oracle Corporation or SQL Server from Microsoft Corporation. In one embodiment, in connection with an RDBMS, data structures known as tables are used to represent the databases described in connection with the present invention. Data structures other than those used in connection with an RDBMS may be employed. The term database is used herein to merely describe a collection of information.

In one embodiment, information is intentionally structured to minimize variation between data entries. When allowing members of the public to provide information to a computer system, it is advantageous to maintain data in a consistent format. Accordingly, entries representing the same thing are written in exactly the same way, i.e. "New York City" is always "New York City" and not occasionally "NYC." This is because, when categorizing and cross-referencing employers and talent based on certain parameters, having an inconsistent data format will cause the employers and talent to be incorrectly categorized.

Accordingly, it is advantageous to have a comprehensive database of parameters, such as, for example, "fields of study." In one embodiment, a comprehensive set of fields of study is obtained in advance of operating the career site by examining the degree programs of several representative universities. In one embodiment, additional fields of study may be learned by providing a user with an opportunity to enter a different degree under an "other" category, and then auditing the entered degrees to make sure they are not merely a variation of an existing degree. If the degree is found to be legitimate, it is added to fields of study database 217

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preserving data consistency for the next person searching or entering such a field of study. The employers 210, educational institutions 215, geography 216, fields of medical specialties 218, languages 219, hospital departments 221, trade associations 222, professional associations and labor unions 223, and licenses and certifications 224 databases are updated in a similar manner.

In one embodiment, benefits database 220 is fixed, in that it does not learn new benefits, but may be modified from time-to-time by the career site operator. However, employers may supplement benefits database 220 with special benefits programs they may have devised, which programs may be designated as applicable to all of the employer's jobs, or limited to specific employer divisions, or limited to specific jobs within specific divisions.

In this way, data integrity is ensured and variations in data entry style are minimized. Data consistency facilitates matches in searching. In one embodiment, it is not necessary to manually type in a category when searching. If a category is not in a drop down list for searching, the category is not in the database of categories.

In one embodiment, data integrity is imposed on industries database 213 by providing a multi-level hierarchical industry tree consistent with the NAICS, which is maintained by the U.S. Census Bureau. As the NAICS is modified by the Census Bureau, the classifications in industries database 213 are updated.

In one embodiment data integrity is imposed on job descriptions in occupations database 214 by providing a multi-level hierarchical job-tree consistent with the DOT, which is maintained by the U.S. Department of Labor. Levels may include, for example, industry classification, occupational category, occupational division, occupational group, and job title. Such a database may be constructed using a relational database model or other types of database

models including multi-dimensional database models. As the DOT is modified by the Department of Labor, the classifications in occupations database 214 are updated.

In one embodiment, industries database 213 and occupations database 214 are associated with each other.

A. Industries Database

NAICS, the North American Industry Classification System, is a system for classifying businesses by industry. NAICS is a classification system that is constructed based on economic principles. In NAICS, economic units that use like processes to produce goods or services are grouped together. NAICS is a replacement for the Standard Industrial Classification ("SIC"), which had been used in various versions since the 1930s. NAICS is a six-digit system that provides for increased flexibility over the old SIC codes.

Consistent with the present invention, coded, labeled, and described industry and sub-industry entries are structured into five tiers. For example, code 488111 is for "Air Traffic Control" and is a 4th subpart of the Transportation and Warehousing industry. For example:

Transportation and Warehousing
Support Activities for Transportation
Support Activities for Air Transportation
Airport Operations
Air Traffic Control

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In one embodiment, industries database 213 is searchable by each of 5 tiers. In one embodiment, each entry in the coded, labeled, and described industry listings, within industries database 213, is accompanied by an English language description of the entry that talent and/or employers may access for additional consideration of the classification choice they make. Talent

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are asked to classify each employment position they have held by the employer's industry. Employers are asked to classify themselves as a whole (for example, "conglomerate"), and to classify each division that they may set up in the career site system. Divisions may have a different classification than the employer as a whole.

In one embodiment, industries database 213 is intended to allow a precise classification of the industry or industries in which a particular talent has worked and the industry in which an employer's particular job listing participates. The precise classifications facilitate highly refined searches by talent for jobs and by employers for talent, which searches can be done by any industry tier in industry database 213.

In one embodiment, industries database 213 will be updated to correspond with updates to NAICS. Industries database 213 searches may be carried out in combination with searches performed on other databases, such as, for example, those represented in Fig. 2.

In one embodiment, the number of years of experience that talent has in a particular industry tier is calculated by the career site operator to facilitate matching the industry experience offered by the talent to the industry experience required by employers. In one embodiment, industries database 213 is updated as the NAICS is updated from time-to-time by the U.S. Census Bureau. Industries database 213 may be searched in combination with any other databases of the career site, such as, for example those represented in Fig. 2.

### **B.** Occupations Database

In one embodiment, occupation database 214 uses information from the Dictionary of Occupational Titles - Fourth Edition, Revised 1991, published by the U.S. Department of Labor. DOT is a system for classifying jobs and the skills required for each job. Occupations database

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214 includes over 31,000 separately identified occupations or "occupational titles" that are assigned to successively broader groups. In one embodiment, the structure of occupations database 214 consists of coded, labeled, and described occupational and sub-occupational entries consisting of 4 tiers, including:

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# Occupational Category Occupational Division Occupational Group Occupational Title

For example, the occupation of Artificial-Breeding Technician is the Occupational Title of the following Category, Division, and Group:

> Agricultural, Fishery and Forestry Occupations **Animal Farming Animal Services** Artificial-Breeding Technician

Each occupational title is matched to a three-part combination of coded, labeled, and described primary job skills associated therewith. Skill categories include:

- 1. Data and Analytical Skills
- 2. Communications and People Skills
- 3. Mechanical Skills

25 The three categories of skills are further broken down into subparts for which there are corresponding codes. The subparts include:

Data and Analytical Skills

**Synthesizing** 

Coordinating

Analyzing

Compiling

Computing

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Copying Comparing

Communications and People Skills

5 Mentoring Negotiating Instructing Supervising Diverting 10

Persuading

Speaking - Signaling

Serving

Taking Instructions – Helping

Mechanical Skills

Setting Up

**Precision Working** Operating - Controlling **Driving - Operating** Manipulating Tending Feeding - Offbearing

Handling

In a systematic manner, talent is asked to describe their skills in each subcategory of data/analytical, communications/people, and mechanical skills. In addition, each occupational title is assigned to a particular industry. For example, the occupational title of Artificial-Breeding Technician is assigned to the Agriculture industry. In one embodiment, occupations database 214 includes a written description or definition of occupational titles that talent and/or employers may access for additional consideration of the classification choice they make.

A talent is asked to classify each employment position they have held by occupational title, when the employment position is added to his or her talent profile. Employers are asked to classify each job listing they post to the career site by occupational title. Occupations database 214 allows precise classification of talent's current or past employment positions and a precise classification of each employer's individual job listings.

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Talent may use occupations database 214 to search for jobs in any occupational category, division, group, or title. Employers may use occupations database 214 to search for talent that have worked in any occupational category, division, group, or title. Employers may also use occupation database 214 to search for talent that has described specific data/analytical, communications/people, and mechanical skills compatible with the employer's requirements and expectations for the job. Occupation database 214 may be searched in combination with any other databases of the career site such as, for example, those represented in Fig. 2.

In one embodiment, selections from occupations database 214 are presented to talent and employers after a keyword search of the occupational titles. In addition to the occupational titles, the corresponding occupational group and industry are presented to assist talent and employers in the selection of a specific occupational title. The results of the keyword search may be sorted alphabetically by occupational group, title, or industry to assist talent and employers in the selection of a specific Occupational Title. If additional assistance is required for classifying an employment position or job listing, a narrative description may be accessed for each occupational title.

In one embodiment, the number of years of experience that talent has in any Occupational Category, Division, Group, or Title is calculated by the career site operator to facilitate matching the experience offered by the talent in a particular occupation to the occupational experience required by employers.

## C. Hospital Departments Database

Hospital departments database 221 contains information gathered from hospitals and other sources to prepare a list of functional departments within hospitals. Hospital departments

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database 221 is used to further classify talent's hospital employment position(s), if any, and an employer hospital's employment positions. This feature is important because, for example, registered nurses may hold many different positions within a hospital. Accordingly, talent and employers may conduct searches based on designated hospital departments. Hospital departments database 221 may be searched in combination with any other databases of the career site, such as, for example, those represented in Fig. 2.

# D. Employers Database

In one embodiment, employers database 210 contains information regarding employers that have provided employer information, and the names of employers provided by talent for whom no employer account has yet been established. Therefore, in one embodiment, talent may add an employer name, location, and industry classification to employers database 210 if said database does not already contain such information. If an employer account is later established, the information provided directly by the employer will be used by the career site operator to replace any information that may have been provided by talent.

Employers database 210 includes information comprising an employer's (i) name; (ii) address; (iii) phone number; (iv) NAICS code(s), (v) account users and e-mail addresses, and other identifying information, including, for example, a number of divisions or business units of an employer and associations between an employer's account users, divisions, and job listings. In one embodiment, employers database 210 is updated as each employer establishes or registers an employer account with a particular career system operator.

In one embodiment, a talent may use the employer name portion of the employers database 210 to identify the employer precisely. Employers may conduct searches for talent

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based on employers' names in order to identify talent who have worked for a particular employer in the past. This functionality serves as an alternative industry search and may identify talent who misclassified the industry and/or occupational title of their previous employment.

In one embodiment, logic used in connection with employers database 210 includes a routine to safeguard against employers establishing duplicate employer accounts for a single employer. In this embodiment, when a new employer account is established, it is compared to existing employers using a soundex name comparison and for example a comparison of address and industry codes.

In one embodiment, talent and unauthenticated users may use employers database 210 to search for jobs listed by particular employers using as broad or as refined a set of criteria as the talent chooses to use. Searches of employers database 210 may be made in combination with any other databases such as, for example, those represented in Fig. 2. Talent may search job listings using any available data field supplied by employers, or by use of key words, except that talent may not search employers database 210 using employers' confidential information, including, for example, the names and addresses of the account manager or account users.

In one embodiment, personally identifying information regarding persons associated with employers in employers database 210 and maximum compensation allocation may not be viewed by anyone other than the account manager and account users associated with a particular employer, and authorized personnel associated with the career site operator.

## E. Talent Profiles

Talent profiles database 205 contains biographical information about talent that would be useful for an employer or recruiter to determine if the talent has suitable skills, training, and

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experience to be considered for a particular job. Talent profiles database 205 includes information received from talent. In one embodiment talent information is received and stored in a structured format. The talent information includes information selected by talent from lists of information such as, for example, information contained in industries database 213, fields of study database 217, educational institution database 215, occupations database 214, employers database 210, hospital departments database 221, medical specialties database 218, geography database 216, languages database 219, professional associations and labor unions database 223, trade associations database 222, and licenses and certifications database 224. Talent information may also include other data supplied by talent from their own sources. In one embodiment, personally identifiable information is not available for searching or viewing by anyone other than the particular talent and authorized personnel of the career site provider.

Employers may use talent profile database 205 to search for talent using as broad or as refined a set of criteria as the particular employer chooses to use. Employers may search talent profiles database 205 using any available data field supplied by talent, or by use of key words, except that employers may not search talent profiles database 205 using talent's confidential information. When an employer searches talent profiles, the employer does not receive certain information designated as confidential, including, for example the talent's name, home address, telephone number, E-mail address, minimum compensation requirements, and current employer's name. Nevertheless, a match would not have occurred between a talent profile and a job listing if there were not overlap between the maximum compensation parameter in the job description and the minimum compensation requirement associated with particular talent. In one embodiment, when an employer purchases talent contact information, the employer is provided

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with the talent's name, home address, telephone number, E-mail address, and current employer's name but is not provided the talent's minimum compensation requirements.

In one embodiment, a talent creates his or her profile directly as indicated in block 204. Alternatively, talent profile information may be added to talent profiles database 205 from existing data sources of talent profile information. In either case educational institution referrals 201, professional association referrals 202, and other sources of talent profiles 203 may be used to provide talent profile information.

#### F. Jobs Database

Jobs database 211 includes information gathered from employers in a structured format. It includes information provided by employers from industries database 213, field of study database 217, educational institution database 215, occupations database 214, employers database 210, hospital departments database 221, medical specialties database 218, geography database 216, languages database 219, professional associations and labor unions database 223, trade associations database 222, and licenses and certifications database 224. Jobs database 211 may also include other information supplied by employers from independent sources.

Personally identifiable information such as the names and other information of account managers, billing contacts, account users, and other confidential information such as maximum compensation allowed for a job, may be accessed only by an account manager associated with the employer or by authorized personnel of the career site operator.

Talent uses jobs database 211 to search for jobs on as broad or as refined a set of criteria as they choose to provide. Talent may search job listings using any available data field supplied by employers, except that talent may not search jobs listings using the confidential and

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personally identifiable information of employers' account managers, billing contacts, account users, and maximum compensation specified for the particular job listing. Nevertheless, a match would not have occurred between talent and an employer if there were not overlap between the maximum compensation parameter in the job description and the minimum compensation requirement associated with particular talent.

In one embodiment, employers are encouraged to list every job they have or intend to have. In this embodiment, such listings are maintained indefinitely by the career site operator, and the listings are expanded, contracted, or edited by each employer, either by individual manual entry, or by automatic electronic exchange with an employer's enterprise database application, as the employer's recruiting and operational needs change.

## G. Geography Database

In one embodiment, geography database 216 is used in connection with talent profile database 205, employers database 210, and jobs database 211 to precisely locate talent, employers, and jobs. Geography database 216 may be used to measure the proximity of talent to employers or jobs. In one embodiment, a database of postal codes may be acquired by continued operation of the career system. As users enter the names of their cities, the associated postal codes are stored in a database with an association to a town. If a particular user mistypes or incorrectly specifies a town or a postal code, repeated use will provide an ability to identify the incorrect associations by checking for consistency with other records and other sources, such as databases that are commercially available. Political sub-entities may include entities such as, for example, cities, towns, or villages; counties, or parishes; and states, provinces, or regions.

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In one embodiment, a commercial database containing associations between political sub-entities and postal codes is used directly. In an additional embodiment of the present invention, the association between political sub-entities and postal codes may optionally learn city and postal code associations by aggregate analysis of data that is entered into the system by users.

Other convenient geographical units exist. For example, the U.S. Census Bureau has provided the public with metropolitan area ("MA") population estimates. These MA population estimates are associated with county and sub-county population estimates, which are based on censuses conducted by the U.S. Census Bureau. MAs are further designated as Metropolitan Statistical Areas ("MSA") or Consolidated Metropolitan Statistical Areas ("CMSA"). Within an MA, a "central city" is designated based on the city with the largest population in each MSA or CMSA.

MAs include MSAs, CMSAs, and primary metropolitan statistical areas ("PMSA"). An area that qualifies as an MSA and has a population of one million or more may be recognized as a CMSA if separate component areas that demonstrate strong internal, social, and economic ties, including availability of transportation, can be identified within the entire area and local opinion supports the component areas. Component areas, if recognized, are designated PMSAs. If no PMSAs are designated within the area, then the area remains an MSA.

In one embodiment, a user may conduct a geographical search by county, because some rural counties are not part of an MSA, and accordingly a user, whether applicant or employer will not be excluded from a search on the basis that a particular location is not part of an MSA.

In this way, methods and systems consistent with the present invention provide optimal geographic choice in searching for jobs and candidates. This is particularly useful for employers

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that would like to consider persons with close geographical ties to the area in which a particular job is located.

# **H.** Associations Databases

Trade associations database 222 and professional associations and labor unions database 223 include the vast majority of established trade and professional associations in the world. In one embodiment, there are approximately 7,649 trade and professional associations in trade associations database 222 and professional associations and labor unions database 223. Talent and employers use trade associations database 222 and professional associations and labor unions database 223 to make a precise designation of such organizations with which they associated. Employers use professional associations and labor unions database 223 to refine their searches for certain skills possessed by talent who belong to particular associations.

In one embodiment of the present invention, commissions may be paid to professional associations that are affiliated with talent who are using the career site, and to trade associations that are affiliated with employers that are using the career site.

## I. Fields of Study and Educational Institutions Databases

When talent provide talent profile information to talent profile database 205, they are asked to provide specific, structured background information, including information about training and experience. To facilitate collection of structured data, fields of study database 217, medical specialties database 218, and educational institution database 215 are provided.

Fields of study database 217 includes information collected from various representative educational institutions to prepare a list of educational emphasis that is intended to enumerate the

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vast majority of possible fields of study. In one embodiment, fields of study database 217 identifies narrower fields of study that exist within broader fields. For example, "Pharmacy" may be broken down into the following subparts:

Clinical Sciences Doctor of Pharmacy General Medicinal Chemistry Pharmaceutical Chemistry **Pharmaceutics** 

Pharmacy Administrative and Social Sciences

Talent are asked to designate their field(s) of study by selecting from an enumerated list obtained from a data source, such as, for example fields of study database 217. If fields of study database 217 does not include a talent's particular field of study, then the talent is asked to type in his or her particular degree. The database will be updated as previously unlisted degrees are identified and optionally audited for duplication and correctness.

Medical specialties database 218 includes information collected from various educational institutions in order to prepare a list of specialties within the various medical fields of study, and is intended to enumerate the vast majority of possible medical specialties. In one embodiment, medical specialties database 218 identifies narrower fields of study that exist within a broader medical field of study. For example, a specialty within the "medical - surgery" field of study might be "hand surgery."

Field of study database 217 is intended to allow a precise classification of talent's major and minor areas of educational emphasis. Medical specialty database 218 is intended to allow a further refinement of classification with respect to the educational and occupational emphasis of licensed health care providers, such as doctors, nurses, and therapists. It will be apparent to the

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casual observer that other occupations offer specialization, such as, for example, the legal profession. An embodiment of the present invention is the expansion of the specialty database concept to occupations other than medical occupations.

Precise classifications facilitate highly refined searches by talent for jobs requiring appropriate education and by employers for talent with particular education.

Educational institutions database 215 contains information about educational institutions. Educational institution database 215 is intended to include the vast majority of all colleges, universities, and vocational schools in the world. Based on the enumerated list, talent are asked to precisely designate the schools of higher education they have attended. If educational institution database 215 does not include the school from which a talent graduated or attended, the talent is asked to provide the name of the school.

Employers may use the educational institution database 215 information to search for talent who graduated or attended specific institutions. In one embodiment, educational institution database 215 will be updated as new schools are identified by talent or employers, or as colleges, universities, or vocational schools establish accounts with the career services provider consistent with the present invention.

## J. Languages Database

When talent provide talent profile information to talent profiles database 205, they are asked to identify their language skills. To facilitate collection of this information in a structured manner, languages database 219 is provided. Languages database 219 is intended to enumerate the vast majority of the world's languages. In one embodiment, languages database 219 will be updated as additional languages are identified by talent, employers, or other sources available to the career site.

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## K. Benefits Database

In one embodiment, benefits database 220 is associated with employers and job descriptions. The benefits database includes a standardized listing of benefits that may be associated with a particular employer or job. Some examples of standard benefits include incentive pay, health insurance, including an identification of health care providers, 401-K, dental insurance, continuing education, signing bonus, pension, on-site daycare, flex-time, free parking, relocation, paid vacation, and differential shift pay. Because benefits information is recorded and stored in this way, it becomes searchable by talent. In one embodiment, when talent searches for jobs, icons are displayed that represent the particular standardized benefits that the employer offers with the particular job. The benefits database may, at the option of each employer, also include benefits that are unique to the employer.

#### IV. SEARCHES FOR TALENT AND JOBS

Searches of an arbitrary career site databases may be conducted in conjunction with any or all of the other career site databases. These criteria may be used in connection with self-searches (whereby the user conducts a search at his or her prompting), and with automatic searches (whereby the user specifies at least one set of search parameters that are saved by the career site operator in order to conduct periodic searches) of the career site to facilitate matching talent with the type of position talent is seeking.

In one embodiment, a talent is asked to identify every country in which he or she may lawfully work. Such information facilitates searches conducted by employers. In one embodiment, employers and talent have the ability to conduct either or both of "domestic" and

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"foreign" searches. For employers, a domestic search identifies the talent profiles of talent who live in and are lawfully eligible to be employed in a designated country, which may or may not be specified as the U.S. Employers may also conduct a foreign search to identify the talent profiles of talent who live outside of a designated country, but who are lawfully eligible to work in the designated country, which again may or may not be specified as the U.S.

In one embodiment, talent may conduct a domestic search to identify jobs located within a designated country, which may or may not be specified as the U.S. For talent, a foreign search identifies jobs located outside of a designated country, which again may or may not be specified as the U.S.

Searching may be performed by way of search interfaces 206 and 212. Potential search capabilities include both searching jobs database 211 and talent profiles database 205. In one embodiment, the process of searching domestic job descriptions includes selecting a geographical region. In one embodiment an applicant may search for jobs by any available geographic designation, which includes country; state, province, region or similar designation; county, parish, township or similar designation; city, town, village, or similar designation; zip or postal code.

In one embodiment, a user of the site may search for talent profiles or jobs that are aggregated within a designated geographic area. If some or all of the designated area encompasses an MSA, then two levels of results are presented. The first level presents the results that are within the designated geographic area; the second level presents the results that are within the corresponding MSA and, if applicable, CMSA.

In one embodiment, the user of the site may broaden or narrow the search. For instance, the user may broaden his or her search from a designated city or MSA within a state to the entire

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state. Or the user may narrow from a CMSA, such as, for example, the Baltimore/Washington CMSA, to a PMSA or a component of a PMSA, such as, for example, limiting the search to the District of Columbia or to a specific zip code. A search may be broadened or narrowed to any of the available geographical divisions in geography database 216.

In one embodiment, geography database 216 includes searchable listings of every country in the world, and each country's states, provinces, or other political subdivision, cities, and postal codes gathered as part of the data collection in connection with talent profiles database 205, employers database 210, and jobs database 211. In one embodiment, for countries other than the U.S., employers and talent are asked to select from a list or directly provide a metropolitan area, or fractional portion thereof, closest to their place of residence. If a city is not listed, then it is not in the database, and the closest metropolitan area should be selected.

In one embodiment, employers directly create accounts as shown in connection with block 209. Additionally, trade associations 207 and other sources yielding employers 208 may be used to refer employers to the career site and to provide information to employers database 209. Alternatively, employer data sources may provide employer data directly, such as, for example in the case of a trade association providing employer information about its employer members.

In one embodiment of the present invention, the results of talent-initiated searches for jobs are presented to the talent ranked by the maximum compensation offered by the employer for the particular job; the job offering the highest compensation is listed first and the job offering the lowest compensation is listed last. Nevertheless, the actual compensation ranges specified by employers are not disclosed to anyone. In one embodiment, the results of employer-initiated searches for talent are presented to employers on a scoring system (discussed later in this patent

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application) consistent with this invention; the talent profile evidencing the most favorable score is listed first and the talent profile with the least favorable score is listed last. Nevertheless, the score calculated by the career site operator is not disclosed to anyone, and is merely used to determine the order of presentation.

At the election of the user, one or more search parameters devised by the user will be saved by the career site operator for such user's future use within the career site. At the election of the user, the results of searches conducted by the user will be saved for such user's future use within the career site.

#### V. TALENT-INITIATED PROCESSES

Fig. 3 is a flow diagram representing a process performed in connection with an unauthenticated user and a talent (i.e. a user that has registered as a talent) interacting with a career site consistent with the present invention. First, an unauthenticated user visits the career site (stage 301). In one embodiment, the career site provides users with access to a web page. A user could alternatively access an application in forms other than a web page, such as, for example, by way of a speech recognition interface. Next, the unauthenticated user visits pages of interest in the application (stage 302). The pages or content of interest may include (a) searching (i) talent profiles, (ii) job listings, (iii) articles; and (b) viewing advertisements, or other content in the career site. The unauthenticated user may search jobs and talent profiles, but may not apply for jobs or purchase talent contact information (stage 303).

While accessing the site, a first-time user has an ongoing opportunity to register with the site (stage 304). Users must register as either "talent" or "employers." If a user decides not to register and has no more pages or content of interest to him or her, then the session ends (stage

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328). If an authenticated user intends to register as a talent, then he or she continues with the process described in Fig. 3 (stage 304, et seq.). If an authenticated user intends to register as an employer, then he or she continues with the process described at Fig. 8 (stage 804).

Authentication is the process of identifying an individual, usually based on a username and password or credentials. Other methods of authentication may be employed without departing from the scope of the present invention, including digital certificates, token cards, and biometrics. An authenticated user is a user that has provided adequate credentials to an authentication system, based on a predetermined standard for adequacy of credentials. In connection with the present invention, "predetermined" means to be determined prior to any attempted access.

In one embodiment, an unauthenticated user of a career site application may access only a subset of the available features of the career site application. Areas to which access is allowed to unauthenticated users in this embodiment include: (i) a home page associated with the career site; (ii) a talent section that provides information to talent about registering with the system and about how to use the system; (iii) an employer section that provides information to employers about registering with the system and how to use the system; (iv) "quick search" of the job description, talent profile, and employer databases; (v) a "storefront" section where the user may learn more about specific employers that are using the career site for recruiting purposes; (vi) an industry news section where users may access news articles pertaining to one or more industries or employers that the talent has identified, and/or in which talent has expressed interest as evidenced by talent's most recent job search and/or employment application; (vii) a section that describes commercially available reports prepared by the career site operator; (viii) an "affiliate" section that describes the career site's affiliate marketing programs; (ix) an "about us" section

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that provides information about the career site operator, including information such as, for example, contact information for the site operator; (x) a privacy statement regarding information that is collected; and (xi) terms of use of the career site.

In one embodiment, "quick search" is a function designed to search the career site's databases in a manner that is less specific than the "full search" function, which is capable of searching all data fields in the career site's databases.

In one embodiment, an unauthenticated user is not allowed to perform the functions of (i) "full search" function; (ii) create or modify a talent profile; (iii) create or modify an employer account; (iv) create or modify a job listing; (v) apply for a job; (vi) convey an employment opportunity to talent; or (vii) create or modify storefronts.

In one embodiment, registering with the career site involves choosing to register as either "talent" or as "employer." The remainder of this section generally pertains only to users who have registered as "talent."

Registering as talent involves providing several discrete pieces of information. In this embodiment, required information includes, for example, first name, last name, residence address, e-mail address, telephone number, a unique user-ID and password, birth date, and the answer to one question chosen by the talent from among several questions presented that is used for identification purposes if the talent ever forgets the user-ID or password. The discrete pieces of information required for registration may be expanded or contracted without departing from the scope of the present invention.

If the user elects to register with the site as talent, the talent will receive a welcome message via e-mail (stage 305). The talent then also has full site access (stage 306, et seq.). Next the talent has an opportunity to complete a talent profile (stage 307). In one embodiment,

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talent is encouraged to complete a talent profile, because it will increase the likelihood that an employer will be motivated to contact the talent with an employment opportunity. In one embodiment, a talent is encouraged to complete the talent profile, because the talent may not apply for a job listed in the jobs database unless talent's profile includes the minimum required information.

In one embodiment, once a talent registers and authenticates with the site, the talent may access a career site message repository that resembles an electronic mail box. The message repository contains information about the positions or job listings for which talent has applied and the status of each such application, including employer name, linked job title, dates of inquiry and response, whether the employer has accepted or declined to proceed, and the reason employer declined. The message repository also contains information about employers' inquiries submitted to the talent, including employer name, linked job title, dates of inquiry and response, and whether the talent has accepted or declined to proceed, and the reason that the talent declined, if applicable.

Consistent with the present invention, talent profiles are received and stored in the talent profiles database 205 for any talent that wishes to store a talent profile in the system. Even talent who are not currently seeking employment may develop and maintain their talent profiles including an extensive set of skill descriptions. Consequently, talent profiles are continuously available for consideration for new employment opportunities, thus enhancing the talent's ability to optimize his or her career opportunities.

Talent profiles are made available to the public for searching and browsing without any contact information, and without the talent's current employer's name. Accordingly, a talent's current employment position is not jeopardized. In any event, since the present invention

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contemplates continuous job search by all talent and continuous recruiting by all employers, it is anticipated that the arbitrary talent will elect to display his or her talent profile continuously. In the event that a talent does not want to continuously display his or her talent profile, then the talent may elect to make his or her entire talent profile "invisible" to others until the talent reverses that election.

In completing an employment profile, a talent is guided through a detailed, multi-step process during which talent provides information, such as, for example: (i) personal contact information; (ii) educational history; (iii) employment history; (iv) special skills and qualifications; (v) professional affiliations; (vi) optionally, race and gender information for use in programs, such as, for example, affirmative action programs and (vii) optionally, citizenship information for use in programs, such as, for example, government contracting programs. If a talent chooses not to complete an employment profile, he or she will not have full access to the site and will not be able to apply for jobs until the minimum requirements for a talent profile are satisfied. If the talent elects to complete a talent profile, the results are saved for searching, analytical, and reporting purposes (stage 321). Based on the saved information, a fully disclosed talent profile 322 is available for inspection by the talent, and a limited disclosure talent profile (i.e., one lacking contact information) is available for public inspection (stage 323).

Fig. 3 also includes a process for already registered talent to "sign in." First, if the talent is not already signed-in, then he or she must "sign in" using his or her previously selected user-ID and password (stage 324). Next, the talent is presented with all employer-initiated and certain talent-initiated inquiries (e.g., for example, the results of automatic searches) that have occurred since talent's last visit to the site or another time period determined by the career site operator (stage 325). If any of the listed inquiries require a response from the talent, then he or she must

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respond to each such inquiry before conducting additional searches or applying for additional employment positions (stage 326), or the session ends (stage 327). After responding to the necessary messages, the talent may access the career site and its databases (stage 308).

Fig. 4 is a flow diagram representing a process for conducting searches of job listings consistent with the present invention. As indicated in block 400 this process is performed in connection with a process such as the one described in connection with Fig. 3. To search a jobs database as indicated in block 401, a talent may identify a job listing by way of self-search (stage 402) or may specify an automatic search (stage 403). In performing a self-search, talent uses a search form to perform individual, custom searches of the employers database. Automatic searches are conducted on a recurring basis, such as daily, by the career site operator based on the search parameters that the employed has specified for each of its job listings. To conduct a search, whether self-search or automatic search, employers must specify a geographic point of reference and at least one of several non-geographic search parameters, such as industry, occupation, license, or language.

In one embodiment, a talent may initiate a search by specifying the search either as a domestic search or as a foreign search as described earlier in this patent application, and by selecting a geographic point of reference such as a country, state, county, city, or zip code. In this embodiment, a talent may indicate his or her selection from a drop-down list of choices corresponding to the level of geographic area of interest to talent. For example, if a talent is interested in searching for any job of a certain type within a country, then the talent will select a country from a predetermined list of countries. In this embodiment, if a talent specifies only a country, e.g. "United States of America" then all jobs in the U.S. that match the talent's other search parameters will be reported in order of highest to lowest maximum compensation

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specified by each employer. Other methods may be employed to order the presentation of jobs. In one embodiment, the career site operator may limit the number of jobs reported to a maximum number, for example, 25. The number jobs reported to talent by the career site operator may vary from all jobs or a predetermined number. In this embodiment, employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

A talent may optionally provide cumulatively more restrictive search parameters by choosing from progressively smaller geographic subdivisions, such as: (i) state, province, or region within a particular country; (ii) county or parish within a particular state, province or region; and (iii) city, town, or village within a particular county or parish. In one embodiment, a preexisting geographical database facilitates collection of structured data by providing the talent with an enumerated list of possible selections for each step. That is to say that if a talent wishes to specify a city, he or she selects a country from the list of possible countries, then selects a state, province, or region from a list of the same from within the selected country, and, finally, selects a city from a list of cities and towns within the selected state, province, or region. Some countries may not have state, provinces, regions, counties, or parishes, or the same may be unknown to the career site operator, in which event, the talent may select directly from the available list of cities, towns, or villages within the particular country. In one embodiment, a talent may by-pass certain geographical subdivisions such as counties or parishes within U.S. states or within the states, provinces, or regions of other countries, and directly select a city, town, or village within a particular state, province, or region.

In one embodiment, if a talent elected to search for jobs by postal code, the talent selects a country from a list of countries. Next, the talent provides a postal code corresponding to the

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selected country, and the talent need identify no other geographic subdivision of the selected country.

In one embodiment, a predetermined number of jobs will be reported to a talent who selects only search by city or search by zip code. However, in one embodiment, additional search parameters may be provided. In one embodiment, if a talent specifies a geographic subdivision of a country, e.g. the State of Missouri, then all jobs in the specified subdivision that match the talent's other search parameters will be reported. In one embodiment, if a talent specifies a postal code of a country, e.g., 66202 in the U.S., then all jobs in the specified postal code that match the talent's other search parameters will be reported. In either embodiment, the reported jobs may be ranked in order of highest to lowest maximum compensation specified by each employer. However, in one embodiment, the career site operator may limit the number of jobs reported to a maximum number, for example, 25. In this embodiment, employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

In one embodiment, at least one of a group of additional optional search steps must be specified. In one embodiment, the group of search steps includes, accessing the career site databases (stage 404), for example: (i) industry search; (ii) occupation search; (iii) education search, including any combination of (a) level of education, (b) field of study, (c) specialty, and (d) educational institution; (iv) employer name search; (v) licenses and certifications keyword search; and (vi) languages search; (vii) analytical skills search; (viii) communications skills search; (ix) mechanical skills search; (x) hospital department; and (xi) other keyword search. In this embodiment, each additional search step may be specified as cumulative (i.e., A and B) or alternative (i.e., A or B). For example, a talent may formulate a search as follows: all jobs in a

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particular city requiring a predetermined level of education *and* a predetermined license. A talent may also formulate a search in the alternative: i.e. all jobs in a particular postal code requiring either a predetermined level of education *or* a predetermined certification.

In this embodiment, an optional industry search makes use of an underlying industry database to facilitate collection of structured data. In one embodiment, the industry database contains five tiers of industry specificity. A talent specifies only the first tier of industry specificity, resulting in a broad search. Alternatively, a talent specifies an industry at a more detailed level, resulting in a more focused search. In this embodiment, a talent can also specify a number of years of experience in the specified industry. By providing a number of years of experience, a talent has the ability to filter out those job listings that require more industry experience than the talent specified.

If a talent elects to provide occupation search parameters, the talent is requested to provide an occupational division. To facilitate a more detailed search, the talent may optionally provide occupational group, or occupational title. In one embodiment, a talent may additionally provide a department, for example, in the case of searching hospital job descriptions. A talent may also search by specialty, for example, in the case of licensed health care professionals. In connection with occupation search parameters, a talent may also specify a number of years of experience in the specified occupational division, group, or title. The number of years of experience may be used to filter out those job listings that require more occupational experience than the talent specified.

If a talent elects to provide education search parameters, he or she provides an educational level, i.e. general equivalency diploma ("GED"), high school, vocational school, college – associate, college – bachelor, college – master, or college – doctorate. A talent may

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further specify a field of study, i.e. "mathematics." A talent may also further specify a specialty, e.g. a medical specialty of "Plastic Surgery."

A talent may also elect to provide a search step that searches job listings by at least one employer name. Additional keyword search steps include searching by at least one license or certification keyword, i.e. "professional engineer" or "certified nurse anesthetist." Other keyword search steps may be provided, corresponding to which the text of any searchable parameter of a job description will be matched for the purpose of the search.

In one embodiment, search results are provided in a structured format, in which job descriptions are provided only if they satisfy all of the criteria as set forth in connection with talent-provided job search parameters.

In one embodiment, for search reporting purposes, job descriptions are separated into two groups: (i) the matching jobs that are located within the specified point of geographic reference, such as a city or postal code; and (ii) the matching jobs that are located within the MSA/PMSA and CMSA that encompasses the selected point of geographic reference. In connection with group (ii), a distance is optionally provided between the location of each job and the talent-specified location in the search.

In one embodiment, the jobs presented to the talent are ordered in descending order based on the maximum compensation that the employer has defined for the particular job listing. In this embodiment, the employers' maximum compensation figures are not disclosed in the ranking, and job descriptions having the same maximum compensation figure are ordered alphabetically by employer name.

In one embodiment, an automatic search is performed based on talent specifications similar to that provided in connection with a self-search. In an automatic search, the career site

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performs an automatically recurring periodic search against all job listings. In one embodiment, if a talent specifies an automatic search, the system stores a predetermined number of unique automatic searches, such as, for example, 10 (stages 407 and 408), which are used to automatically search job listings using different parameters. In this embodiment, search results are presented pursuant to each talent-specified search routine in the fashion previously described for self-searches. If, alternatively, a talent identified an employer via a self-search, in one embodiment the system may save only the most recent search (stages 405 and 406). In alternative embodiments, an arbitrary number of self-searches may be stored to facilitate repeating self-searches at later times.

A talent-initiated match is a match that occurs because of an initial action taken by a talent. When a talent-initiated match occurs, it is because of one of several reasons including: (i) the talent has located a job description through self-search; and/or (ii) the talent has received notice of a match from the career application by way of an automatic search. The talent may save the search results (stages 411 and 412), discard the results (stage 413), process the results as employment inquiries (stage 414), or conduct another search (stage 410). By submitting an employment inquiry, the talent granted permission to the career site to provide his or her contact information to that employer, if the employer is interested in the talent. Employment inquiries are saved and made available in various reports (stages 415 and 416).

If the talent elects to process the search results as employment inquiries, the next step is to determine whether talent's qualifications and compensation requirements meet the minimum requirements specified by the employer (stage 417). At this stage, the talent's qualifications are compared to the job listing, including non-public aspects of the job description such as for example, maximum compensation value, or the lawful ability to work in a particular country. If

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the listing employer has identified any qualifications as mandatory, the talent must possess the minimum amount of the corresponding skill in order to be considered for the position. If the talent does not have appropriate experience, education, or other minimum qualification, talent is contemporaneously sent a "not qualified" message, indicating an incompatibility between the job listing and the talent's profile (stage 418). Next, the message is saved and made available in connection with various reports (stages 419 and 420).

If minimum requirements are not met, the talent decides whether to process an employment inquiry for another job listing (stage 409), or to conduct another search (stage 410). If the talent decides not to conduct another search, the session ends (stage 421). Alternatively, if the talent wishes to conduct another search, the process proceeds back to the search stage (stage 401).

If the minimum requirements for the selected job listing are met, then processing advances to Fig. 5A, which is a flow diagram representing a series of talent-initiated process for gathering governmentally regulated information about a talent. First, the career site determines whether the employer has requested that talent applying for the particular job provide information pertaining to their race and gender (i.e., Federal Employment Records Information, "FERI") (stage 501). If the employer requested FERI (stage 501), then processing moves to Fig. 6A.

Fig. 6A is a flow diagram for obtaining FERI from talent on a voluntary basis. If the talent profile does not already include FERI (stage 601), then the talent is requested to voluntarily supply such information (stage 602). If the talent supplies FERI (stage 603), the employer may not use the information to discriminate in the employment process in any way, and the information is stored for the later use of the employer (stages 609, 610, 611, and 612).

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In order to avoid FERI routine in processing future employment inquiries, the talent may elect to save his or her FERI in his or her talent profile (stages 606 and 607), in which case the FERI generally will not be visible to anyone except the particular talent (stage 608). If the talent elects not to save FERI data it will be discarded (stage 605). However, employers may use FERI in order to favor certain protected classes of talent. Regardless of whether the talent has supplied his or her FERI, the employment inquiry is processed to the next stage (stage 604, returning to stage 502).

Returning now, to Fig. 5A, if the employer has not requested that talent provide FERI, the employment inquiry is processed to the next stage (stage 503). Here, the career site determines whether the employer has indicated that the job listing selected by the talent is requires work authorization (stage 503), such as for certain positions and contracts with the U.S. government and its political subdivisions. If the job selected by the talent requires work authorization, then processing moves to Fig. 7A.

Fig. 7A is a flow diagram illustrating exemplary procedures for obtaining work authorization representations. If the talent profile includes the required work authorization information (stage 701), and if the talent is qualified (stage 702), then the employment inquiry is processed to the next stage (returning to 504 of Fig. 5A). If the talent profile includes the required work authorization information (stage 701), and if the talent is not qualified (stage 702), then the employment inquiry is not processed any further, the talent receives a message that he or she is "not qualified" for the selected job listing (stage 703) and the processing of the employment inquiry ends (stages 713 and 714).

If the talent profile does not include the required work authorization information (stage 701), then the talent is asked to supply that information (stage 704). If the talent does not supply

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the required information (stage 705), then processing of the employment inquiry ends (stages 715 and 716). If the talent supplies the required information (stage 705), and if the talent is qualified (stage 706), then the employment inquiry is processed to the next stage (returning to stage 504 of Fig. 5A). If the talent supplies the required information (stage 705), and if the talent is not qualified (stage 706), then the talent receives a "not qualified" message (stage 707), and processing of the employment inquiry ends (stages 715 and 716).

Regardless of whether the talent is qualified or not qualified, the talent may save his or her work authorization information in his or her talent profile in order to avoid this routine in processing future employment inquiries for job listings that require work authorization information (stage 708), in which case the information becomes a part of the talent profile, but is not visible to anyone other than the particular talent (stages 710 and 711). Next processing ends (stage 717). If the talent does not elect to save his or her work authorization information, then any completed work authorization information is discarded and processing ends (stage 709).

Because it may reasonably be anticipated that job listings may be subject to other governmentally imposed restrictions or record keeping, Fig. 5A contemplates other routines for processing such requirements (stages 505 and 506).

The next stage (stage 507) is to check the employer's account to determine if its billing information is current. If the employer's billing information is not operative, then the employer receives a message to that effect (stage 512), and the employer's account becomes "inactive" (stage 513) because it no longer meets the minimum standards for an employer account.

In one embodiment, the employer is contacted by email on the occurrence of inactivation of its account. In another embodiment, the employer is notified of the inactivation when it logs in to the career site. If the employer updates its billing information (stage 514), then processing

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may resume (return to stage 507). If, after a predetermined period of time, the employer has not updated its billing information, it is assumed that the employer has declined the talent's inquiry. Whereupon, the talent receives a message stating that the employer declined but gave no reason for its decline (stage 515), and the session ends (stage 516).

Returning to stage 507, if the employer's billing information is current, then the talent's employment inquiry is submitted to the employer (stage 508). By submitting an employment inquiry, the talent granted permission to the career site to provide his or her contact information to an interested employer. The talent's employment inquiry consists of talent's "blind" talent profile (stage 509) and a brief survey (510) for use in the event that the employer declines the talent's employment inquiry. At this stage, the talent profile omits the talent's personally identifying information and the name and location of the talent's current employer (collectively, "contact information"), and is referred to as a "blind talent profile." Processing continues at Fig. 12 (stage 511).

In one embodiment, an employer may determine approximate current geographical information about a talent, based on the metro area identified in connection with talent's current residence. Further, an employer may obtain information about a talent based on the industry classification of the talent's current or most recent position. It is possible that some persons, including employers, may attempt to circumvent the career site's procedures. However, several reasons exist to dissuade employers and unauthenticated users from attempting to circumvent the procedures:

1. It is difficult to obtain contact information for a talent without using the career site's procedures to obtain the talent's consent to release contact information. The difficulty arises from the fact that the talent's (a) name; (b) street address; (c) phone

number; (d) e-mail address; and (f) current employer's name and address are not publicly displayed when talent profiles are searched. Therefore, an employer's ability to contact a talent based on information in the talent profile is no better than if one were to surmise the existence of a talent employed by any identifiable employer.

- 2. With respect to searches conducted by unauthenticated users, neither talent's current or past employer's names are publicly displayed when talent profiles are searched.
- 3. The career site procedures are more efficient and cost effective compared to all other forms of recruiting. Only the isolated word-of-mouth referral of a qualified candidate could be considered to be more efficient. Therefore, there are economic reasons for employers to adhere to the career site's procedures.
- 4. By virtue of the fact that talent have posted their talent profiles with the career site, they are stating a preferred means of contact that employers with legitimate recruiting interest can be expected to honor.
- 5. Before conducting any searches, unauthenticated users must agree to the career site's terms and conditions of use.
- 6. Upon registering, employers agree not to circumvent or attempt to circumvent the career site's procedures when they establish their employer account with the career site.
- 7. Employers obtain important information in support of their recruiting and hiring practices by using the career site. The opportunity to collect such information could be irrevocably lost if an employer were to circumvent the career site's procedures.

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Fig. 12 is described in connection with the above description of Fig. 5A as indicated in stage 1200. If a talent's employment inquiry is successfully processed by the career site, and a blind talent profile and survey are forwarded to an employer by the career site, the employer must respond to the inquiry (stage 1201) the next time that the employer signs-in to the site. In one embodiment, if the employer does not respond to all messages from the career site that require response, then the employer's account is made "inactive" (stage 1202), meaning that the employer may not conduct transactions (such as submitting employment inquiries to talent, conducting full searches, editing account information and job listings, or purchasing talent contact information) on the site. In one embodiment, the employer is notified, for example, by E-mail upon the inactivation of the employer's account. In another embodiment, the employer discovers inactivation at the time it next logs in to the career site.

In one embodiment, after all messages have been answered, the employer's account is returned to "active" status. If the employer has not responded within a predetermined number of days, then the talent is sent a message to the effect that the employer is not interested in the talent, but gave no reason (stage 1203). This information is saved for the talent and the employer (stage 1204), and processing ends (stage 1205).

In one embodiment, if an employer repeatedly fails to respond to requests for interviews, then the employer's account is suspended or inactivated. In one embodiment, the account suspension or inactivation will expire after a predetermined period of time. In another embodiment, the account suspension or inactivation will not be removed until the employer takes some action, such as, for example contacting the career site operator.

If the employer responds (stage 1201), the employer indicates if it wants to contact the talent and answers the survey (stage 1206). If the answer is "no," the talent receives a message

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that the employer was not interested in talent, and the talent is provided with the reason given by the employer for employer's decision (stage 1207). This information is saved for the talent and the employer (stage 1204), and the processing ends (stage 1205).

If the employer is interested in interviewing the talent, then the processing enters the next phase, which commences at stage 1208. This next phase is discussed in the section entitled "Completing the Transaction."

# VI. EMPLOYER-INITIATED PROCESSES

Fig. 8 is a flow diagram representing a process performed in connection with an unauthenticated user and an employer (i.e., a user that has registered as an employer) interacting with a career site consistent with the present invention. First, an unauthenticated user visits the career site (stage 801). In one embodiment, the career site provides unauthenticated users with access to a web page. A user or employer could alternatively access an application in forms other than a web page, such as, for example by voice recognition. Next, the unauthenticated user visits pages of interest in the application (stage 802). The pages or content of interest may include searching talent profiles (stage 803), searching job listings, articles, advertisements, or other content in the career site. While accessing the site, a first-time user has an ongoing opportunity to register with the site as an employer (stage 804). Users must register as either "employer" or "talent." Refer to Fig. 3 at stage 304 for registration as talent. If a user decides not to register and has no more pages or content of interest, then the session ends.

Authentication is the process of identifying an individual, usually based on a username and password or credentials, however, in an alternative embodiment, other methods of authentication are employed without departing from the scope of the present invention, including

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digital certificates, token cards, and biometrics. An authenticated user is a user that has provided adequate credentials to an authentication system, based on a predetermined standard for adequacy of credentials.

In one embodiment, an unauthenticated user of a career site application may access only a subset of the available features of the career site application. Areas to which access is allowed to unauthenticated users in this embodiment include: (i) a home page associated with the career site; (ii) a talent section that provides information to talent about registering with the system and about how to use the system; (iii) an employer section that provides information to employers about registering with the system and how to use the system; (iv) "quick search" of the job description, talent profile, and employer databases; (v) a "storefront" section where the user may learn more about specific employers that are using the career site for recruiting purposes; (vi) an industry news section where users may access news articles pertaining to one or more industries or employers that the talent has identified, and/or in which talent has expressed interest as evidenced by talent's most recent job search and/or employment application; (vii) a section that describes commercially available reports prepared by the career site operator; (viii) an "affiliate" section that describes the career site's affiliate marketing programs; (ix) an "about us" section that provides information about the career site operator, including information such as, for example, contact information for the site operator; (x) a privacy statement regarding information that is collected; and (xi) terms of use of the career site.

In one embodiment, "quick search" is a function designed to search the career site's databases in a manner that is less specific than the "full search" function, which is capable of searching all data fields in the career site's databases, and which is restricted to authenticated users of the career site.

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An unauthenticated user may not perform the functions of (i) "full search" function; (ii) create or modify an employer account; (iii) create or modify a talent profile; (iv) create or modify a job listing; (v) apply for a job; (vi) convey an employment inquiry to an employer; or (vii) create or modify storefronts.

In one embodiment, registering with the career site involves choosing to register as either "employer" or as "talent." This section of the patent application generally pertains only to users who have registered as "employer."

Registering as an employer involves providing several discrete pieces of information. In this embodiment, required information includes, for example, first name, last name, business address, e-mail address, telephone number, a unique user-ID and password, birth date to be used for identification purposes if the employer ever forgets the user-ID or password, and the answer to one question chosen by the employer from among several questions presented that is used for identification purposes if the employer ever forgets the user-ID or password. The discrete pieces of information required for registration may be expanded or contracted without departing from the scope of the present invention.

If the user elects to register with the site as an employer, the employer will receive a welcome message via e-mail (stage 806). The employer then also has full site access (stage 807, et seq.). Next the employer has an opportunity to complete an employer profile (stage 807, 808, and Fig. 9).

In one embodiment, an employer is encouraged to complete the employer profile, because it will increase the likelihood that talent will be motivated to contact the employer with an employment inquiry. In one embodiment, an employer is encouraged to complete the

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employer profile, because the employer may not submit requests for contact information to talent in the talent database unless the employer's profile includes the minimum required information.

In one embodiment, the minimum requirements for establishing an employer profile include (a) providing all required employer account information, such as, for example, the employer's account manager contact information, (b) billing information, and at least one job listing. Fig. 9, which is a flow diagram of the employer account set up process, illustrates how an employer may customize its employer profile by establishing, within the profile, (a) separate divisions (stages 901 to 903), (b) separate account users (stages 904 to 906), (c) jobs that require the collection of federal employment records information ("FERI") pertaining to race and gender (stages 907 to 909), (d) jobs that require the collection of work authorization information pertaining to certain government jobs and government contract jobs in the U.S. (stages 910 to 912), and (d) jobs that are subject to other forms of regulation (stages 913 to 915).

Returning to Fig. 8, in one embodiment, an employer interacting with the present invention may elect either to manually enter job information (stage 823), or to electronically download job data using an electronic interface (stage 825). In each case, an employer will access some or all of the career site's databases 809 (stage 822), and the employer's separate database(s) (stage 824). The employer's profile and job listings are stored in the career site's databases of employers and job listings (stage 826). The public portion of an employer's job listings is available for searches conducted by talent, employers, and unauthorized users. Confidential information is not available to anyone other than the particular employer. An employer may then generate a variety of reports (stage 827).

In one embodiment, an employer may list as many or all of its employment positions at no cost, because, unlike newspaper classified employment ads and existing on-line systems,

there are no up-front fees for creating an employer account or listing a job. Fees are only charged and collected if the talent and the employer mutually agree to the release of the talent's contact information, or if the employer purchases other optional services or products from the career site.

Consistent with the present invention, employer profiles are received and stored in the employers database for any employer that wishes to store an employer profile in the system. Employer profiles are made available to the public for searching and browsing without any contact information, except that employer names may or may not be displayed to the public at the option of the career site operator.

Even employers that are not currently seeking talent may develop and maintain employer profiles including an extensive list of jobs. Unless an employer elects otherwise, all of the employer's jobs are continuously available for consideration by prospective employees, thereby enhancing the employer's ability to optimize the skills represented by his or her personnel. Thus, the present invention contemplates continuous recruiting by an employer for all of its jobs. It is anticipated that the typical employer will elect to display all of its jobs continuously. In the event that an employer does not want to continuously display one or more of its jobs, the employer may elect to make one or more jobs "invisible" to others until employer reverses that election.

In completing an employment profile, an employer is guided through a detailed, multistep process during which the employer provides information, such as: (i) personal contact information; (ii) billing information; (iii) divisions; (iv) account users; (v) industry classification(s); (vi) job listings; (vii) qualifications and skills required for each job; (viii) occupational classifications; (ix) trade affiliations; (x) whether FERI is requested, such as, for

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example, for affirmative action programs; (xi) whether citizenship information is required for use in programs, such as government contracting programs; (xii) the location of jobs; and other relevant information. If an employer chooses not to complete an employer profile, he or she will not have full access to the site until the minimum requirements for an employer profile are satisfied. The minimum requirements for an employer profile include (i) the primary account information providing detailed information about the employer, including contact information for the account manager, (ii) the billing information, and (iii) at least one job listing.

If the employer elects to complete an employer profile, the results are stored for searching, analytical, and reporting purposes (stage 826). Based on the stored information, a fully disclosed employer profile including all job listings is available for inspection by the employer and its authorized users, and job listings without contact information are available for public inspection (stage 828).

After an employer has completed the minimum requirements for an employer profile, an employer may access any authenticated user area of the career site via direct sign-in (stage 830), including maintaining aspects of the employer profile pursuant to Fig. 8 and Fig. 9, and conducting full searches of the talent and employers databases. In one embodiment, employers may be restricted from searching the employers database. At stage 831 it is determined whether an employer response is required. If not the process continues to stage 808. If a response is required (stage 832), the session ends (stage 805) if no response is provided and continues at stage 808 if an appropriate response is presented at stage 832.

In one embodiment, once an employer registers and authenticates with the site, the employer may access a career site message repository that resembles an electronic mailbox. The message repository contains information about the talent profiles for which employer has

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submitted requests for the release of contact information, including linked talent profile, the dates of employer inquiry and talent response, whether the talent has accepted or declined to release contact information, and the reason talent declined, if applicable and available. The message repository also contains information about talents' employment inquiry submissions to the employer, including linked talent profile, dates of talent inquiry and employer response, whether the employer has accepted or declined the inquiry, and the reason that the employer declined the talent's inquiry, if applicable.

Employer's previously selected user-ID and password. Next, employer is presented with all talent-initiated and certain employer-initiated inquiries (e.g., for example, the results of automatic searches) that have occurred since employer's last visit to the site or another time period determined by the career site operator. In one embodiment, before conducting any transactions on the career site (stage 1001), such as, for example, maintaining employer account, billing, division, user, FERI, work authorization information, other regulated job information, job listings, or searches, an employer is presented with a display of messages from the career site (stage 1022), some of which may require a response from the employer, such as, for example, if talent have made inquiries regarding the employer's job listing(s) and the employer must accept or decline the inquiry, or if the employer has not responded to the follow-up survey that is described in connection with Fig. 14. After responding, an employer may proceed to maintain its account and conduct searches as it wishes (stages 808 and 822).

Fig. 10 is a flow diagram representing a process for conducting searches of talent profiles consistent with the present invention. To conduct a search, an employer identifies a talent profile by way of self-search (stage 1003) or may specify an automatic search (stage 1004). In

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performing a self-search, an employer uses a search form to perform individual, custom searches of the talent database. Automatic searches are conducted on a recurring basis, such as daily, by the career site operator based on the search parameters that the employer has specified for each of its job listings. To conduct a search, whether self-search or automatic search, employers must specify a geographic point of reference and at least one of several non-geographic search parameters, such as industry, occupation, license, language, etc.

In one embodiment, an employer may initiate a search by specifying the search either as (a) a domestic search as described earlier in this patent application, and by selecting a geographic point of reference such as a country, state, county, city, or zip code and at least one non-geographic search parameter; or (b) as a foreign search as described earlier in this patent application, and by selecting a country and at least one non-geographic search parameter. With respect to the geographic selection, an employer may indicate its selection from a drop-down list of choices corresponding to the level of geographic area of interest to employer. For example, if an employer is interested in searching for talent of a certain type within a country, then the employer will select a country from a predetermined list of countries and all talent profiles in that country that match the employer's other search parameters will be reported in order of a score (discussed below) calculated by the career site operator.

For domestic searches, an employer may optionally provide cumulatively more restrictive geographic search parameters by choosing from progressively smaller geographic subdivisions, such as: (i) state, province, or region within a particular country; (ii) county or parish within a particular state, province or region; and (iii) city, town, or village within a particular county or parish. In one embodiment, a pre-existing geographical database facilitates the collection of structured data by providing employers with an enumerated list of possible selections for each

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step. Specifically, if an employer wishes to specify a city, it selects a country from the list of possible countries, then selects a state, province, or region from a list of the same from within the selected country, and, finally, selects a city from a list of cities and towns within the selected state, province, or region. Some countries may not have state, provinces, regions, counties, or parishes, or the same may be unknown to the career site operator, in which event, the employer may select directly from the available list of cities, towns, or villages within the particular country. In one embodiment, employers may by-pass certain geographical subdivisions, such as counties or parishes within the states of the U.S. or within the states, provinces, or regions of other countries, and directly select a city, town, or village within a particular state, province, or region.

In one embodiment of domestic searches, if an employer elects to search for talent profiles by postal code, the employer selects a country from a list of countries. Next, the employer provides a postal code corresponding to the selected country, and the employer need identify no other geographic subdivision of the selected country, but must identify at least one non-geographic search parameter.

In one embodiment, a predetermined number of talent profiles will be reported to an employer based on the geographic area the employer selected, and the employer's other search parameter(s). At least one non-geographic search parameter is required.

In one embodiment, multiple non-geographic search parameters may be specified. In one embodiment, the group of search steps includes, accessing the career site databases (stage 1005), via different types of searches for example: (i) industry search; (ii) occupation search, including hospital department, if applicable; (iii) education search, including educational institution and multiple levels of education consisting of (a) the specific level of education, such as, for

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example, bachelor, master, or doctorate, (b) field of study, and (c) specialty, such as, for example, in the case of licensed health care professionals and others; (iv) licenses and certifications keyword search; (v) languages search, including searches of talents' level of fluency in reading, writing, and conversing; (vi) analytical skills search; (vii) communications skills search; (viii) mechanical skills search; (ix) prior employer search; and (x) other keyword search. In this embodiment, each additional search step may be specified as cumulative (i.e., A and B) or alternative (i.e., A or B). For example, an employer may formulate a search as follows: all talent profiles in a particular city displaying a predetermined level of education and a predetermined license. An employer may also formulate a search in the alternative: i.e. all talent profiles in a particular postal code requiring either a predetermined level of education or a predetermined certification.

In this embodiment, an optional industry search makes use of an underlying industry database to facilitate collection of structured data. In one embodiment, the industry database contains five tiers of industry specificity. An employer may specify only the first tier of industry specificity, resulting in a broad search. Alternatively, employer may specify an industry at a more detailed level, resulting in a more focused search. In this embodiment, an employer may also specify a number of years of experience in the specified industry. By specifying a number of years of experience, an employer may filter out those talent profiles with less industry experience than the employer specified.

If an employer elects to provide occupation search parameters, the employer is requested to provide an occupational division based on the DOT. To facilitate a more detailed search, an employer may also optionally provide occupational group, or occupational title. In one embodiment, employer may additionally provide a department, for example, in the case of

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searching hospital job descriptions. An employer may also search by specialty, for example, in the case of licensed health care professionals.

In connection with occupation search parameters, an employer may also specify a number of years of experience in the specified occupational division, group, or title. The number of years of experience may be used to filter out those talent profiles that display less occupational experience than employer specified.

In one embodiment, an employer may elect to search occupational categories, divisions, groups, or titles that are different from the occupational category, division, group, or title for which the employer is seeking talent, but that involve similar skill sets. Therefore, an employer's search for skills is not limited to talent with experience in a particular occupation. Instead, the employer may search any other occupation that it believes may suit its needs.

If an employer elects to provide education search parameters, it provides an educational level, i.e. general equivalency diploma (GED), high school, vocational school, college – associate, college – bachelor, college – master, or college – doctorate. An employer may further specify a field of study, i.e. "mathematics." An employer may also further specify a specialty, e.g. a medical specialty of "Plastic Surgery."

An employer may also elect to search for talent profiles using the component skills described by the DOT as constituting analytical skills, communications skills, and mechanical skills. In this embodiment, an employer may specify any number and combination of such skills to search for talent who have described their skills of the type specified by the employer. Therefore, an employer's search for skills is not limited to talent with experience in a particular occupation. Instead, the employer may base its search on a specified set of skills, thereby searching all other occupations for the specified skill set.

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An employer may also elect to search for talent profiles evidencing specific language skills. In this embodiment, the employer (i) specifies one or more languages from the career site's languages database; (ii) chooses any number or combination of language-related skills (e.g., "writing," "reading," and "conversing") and (iii) specifies a fluency level (e.g., "fluent," "moderate," or "none"). In this embodiment, the employer may specify one or more languages, and search on either a cumulative basis (such as English *and* Chinese) or an alternative basis (such as Italian *or* French). In this embodiment, using "and" will result in a more limited search result, while using "or" will result in a broader search result.

An employer may also elect to provide a search step that searches talent profiles using a prior employer name. In this embodiment, talents' current employers' names are not searched. Additional keyword search steps include searching by at least one license or certification keyword, i.e. "professional engineer" or "certified nurse anesthetist." Other keyword search steps may be provided, corresponding to which the text of any searchable parameter of a talent profile will be matched for the purpose of the search.

In one embodiment, search results are provided in a structured format in which "blind" talent profiles (that is to say, without any talent contact information) are provided only if they satisfy all of the criteria as set forth in connection with employer-provided job search parameters. In one embodiment, for search reporting purposes, talent profiles are scored according to a best fit with the employer-specified parameters. In this embodiment, a low score is best. A talent profile receives a score of "1" if talent's current employment position is in the industry specified in the search. A talent profile receives a score of "2" if talent's first prior employment position corresponds to the specified industry and a score of "3" if talent's second prior employment position corresponds to the specified industry, and so on. In one embodiment, if none of talent's

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employer. Similar scores may be assigned in relation to employer departments, such as in the case of hospital departments.

In one embodiment, additional scores are associated with a best fit between a talent's employment and an occupation specified in connection with the search. A score of "1" is assigned in the case that talent's current employment position is in the selected occupation. A score of "2" is assigned if the first prior employment position corresponds to the specified occupation, and so on. As disclosed in connection with fit between employment and industry, a lack of employment experience in the specified occupation will result in exclusion of the talent profile.

In one embodiment, an additional score is associated with whether the specified educational level is "achieved," i.e. talent has already graduated, or "expected," i.e. talent is expected to graduate in the near future. In this embodiment, a score of "1" is assigned to a talent profile in which the educational level is denoted "achieved" and a score of "2" is assigned to a talent profile in which educational level is denoted "expected." Similar scores may be provided in connection with academic major and medical specialty.

In one embodiment, if the employer specified a language search, a score of "1" is given if the reported talent profile reports "fluent" writing skills for the language specified by the employer, a score of "2" is given if "moderate" writing skills are reported, and a score of "3" the talent profile reports no writing skills in the specified language. The same scoring is applied to reading and conversing skills in the specified language.

In one embodiment of the language search feature, if an employer specifies cumulative language requirements, a talent profile will not be reported unless if evidences skills for each

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specified language. In another embodiment, if an employer specifies an alternative language requirement, a talent profile will be reported if it reports any one of the specified languages.

In order to calculate a final score for ranking talent profiles, component scores are added, and the talent profiles are ranked in ascending order. In this embodiment, talents' profile scores are not disclosed in the ranking of talent profiles. In this embodiment, talent profiles having the same score are ordered alphabetically by talent name. In this embodiment, talents' names are not disclosed. Other methods may be employed to order the presentation of talent profiles without departing from the scope of the present invention.

In one embodiment, if a search yields more than a predetermined number of talent profiles, such as for example 25, then no talent profiles are reported to the employer, and the employer is requested to provide a narrower search. In one embodiment, only a predetermined number of blind talent profiles are reported to the employer, and the employer is warned that the reported set of talent profiles exceeds the predetermined number, and is advised to narrow the search. The number of talent profiles reported to an employer by the career site operator may range from one talent profile to all matching talent profiles without departing from the scope of the present invention.

In one embodiment, search results are provided in a structured format, in which talent profiles are provided only if they satisfy all of the criteria as set forth in connection with employer-provided talent profile search parameters.

In one embodiment, for search reporting purposes, talent profiles are separated into two groups: (i) talent profiles that match the search criteria, and that are within the specified point of geographic reference, such as a city or postal code; and (ii) talent profiles that match the search criteria, and are outside of the specified point of geographic reference, but are within the

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MSA/PMSA and CMSA that encompasses the selected point of geographic reference. In connection with group (ii), a distance is optionally provided between the location of each talent and the employer-specified location in the search.

In one embodiment, an automatic search is performed based on employer specifications similar to that provided in connection with a self-search. In an automatic search, the career site performs an automatically recurring periodic search for each job listing against all talent profiles. In one embodiment, if an employer specifies an automatic search, the system will save one unique automatic search for each job listing (stage 1007). In this embodiment, search results are presented pursuant to each employer-specified search routine in the fashion previously described for self-searches. If, alternatively, the employer identified a talent profile via a self-search, in one embodiment the system may save only the most recent search (stage 1006). In alternative embodiments, a larger number of self-searches and automatic searches may be stored to facilitate repeating self-searches or to provide automatic search alternatives at later times.

An employer-initiated match is a match that occurs because of an initial action taken by employer. When an employer-initiated match occurs, it is because of one of several reasons including: (i) the employer has located a talent profile through self-search; and/or (ii) the employer has received notice of a match from the career site by way of an automatic search. As a result of a match, "blind" profiles are identified (stage 1008). An employer may save the search results (stage 1009 and stage 1010), or discard the results by conducting another search (stage 1024 and return to stage 1002) or end the session (stage 1023).

The employer may select one or more talent profiles from the search results to process as employment inquiries to talent (stage 1011), may conduct another search (stage 1012) or may end the session (stage 1013). If the employer wants to process its selection(s) as employment

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inquiries, it submits the selections to the career site operator (stage 1014). Upon the employer's submission of a employment inquiry to the career site, the employer has given its consent to the purchase of the talent's contact information assuming that the talent consents to the release of the information.

At this point, the career site operator checks the employer's account to determine that all billing information is current (stage 1015). If it is not, then the employer receives a message that its billing information must be updated (stage 1021), the message is saved (stage 1022) and the session ends (stage 1023) until the employer has updated its billing information. An employer's account becomes "inactive" if its billing information is determined to be not current, because current billing information is required in order to satisfy the minimum requirements for an employer account.

If the employer saved the search results (stage 1009), then the same may be accessed for submission to the career site operator after the employer has updated its billing information. If not, the search results are lost. If the employer's billing information is current (stage 1015), links to the selected talent profiles are saved (stage 1016), and processing continues.

The next step is to determine whether the maximum compensation that the employer is willing to pay is greater than the minimum compensation specified by the talent (stage 1017). In one embodiment, talent profiles that match the employer's skill requirements are reported to the employer for consideration, but will not be forwarded to the talent unless the employer adjusts its maximum pay scale to a level that exceeds the amount required by the talent. If an employer selects a talent profile that requires greater compensation that the employer has defined for its job listing, the employer receives a message that the compensation it is offering is less than the

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talent requires; therefore, a request to disclose contact information will not be forwarded to the selected talent (stage 1018).

If the employer chooses, it may redefine the maximum compensation defined in its job listing, and resubmit its employment inquiry. In one embodiment, the minimum compensation that the talent requires is not reported to employers for this purpose, although it is possible that an employer could ascertain the information through a process of trial and error. If the maximum compensation the employer has specified for its job listing exceeds the talent's minimum compensation requirement, then the process proceeds to Fig. 5B.

Fig. 5B is a flow diagram representing a series of processes for requesting and obtaining (i) federal employment records information ("FERI"), i.e., race and gender information (stage 551), which is represented in greater detail at Fig. 6B, described below; (ii) work authorization information (U.S. citizenship for certain jobs lawfully requiring the same) (stage 553), which is represented in greater detail at Fig. 7B described below; and (iii) other regulatory parameters that may arise in the future (stage 555). If the job listing has no FERI (stage 551), work authorization (stage 553), or other regulatory (stage 555) requirements, then the job listing is sent to the selected talent for consideration (stage 557).

In one embodiment, a talent may specify any number of employers as "preferred," which means that the talent has given advance consent to release his or her confidential contact information to those employers. If the talent specified the particular employer as preferred, then processing proceeds to Fig. 12. Fig. 12 was previously discussed in connection with talent-initiated processes and is discussed from the perspective of employer-initiated processes below. If the talent did not specify the employer as preferred, then processing proceeds to Fig. 11.

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If the job listing is not subject to FERI (stage 551), then processing advances to the work authorization stage (stage 553). If the job listing is subject to FERI, then processing transfers to Fig. 6B, which is a flow diagram for the process of requesting and obtaining FERI.

At Fig. 6B, first, the talent profile is checked to determine if the talent has already saved his or her FERI (stage 661). If the answer is "yes," then processing returns to Fig. 5B, whereupon processing advances to the work authorization stage (stage 553). If the answer is "no," then information about the employment opportunity is presented to the talent, who is asked to complete the optional FERI page of his or her talent profile (stage 652), and is presented with an electronic link to that page. If the talent does not complete the FERI page (stage 653), then processing again returns to Fig. 5B at stage 553, and the transaction may still go forward because the disclosure of FERI by talent is entirely optional. If the talent does complete the FERI page, then that information is saved for the benefit of the employer's employment reporting obligations (stage 659). In this section, FERI information is saved on behalf of an employer (stage 660). In connection with this information various reports are generated (stage 661). The reports include information about numbers of candidates in particular groups and may be used for statistical purposes and to show compliance with applicable governmental regulations. Next the routine ends (stage 672).

If the talent provides FERI, the talent is given an opportunity to save his or her FERI (stage 656 and 657), which allows the talent to avoid this processing routine in the future. If the talent saves his or her FERI, then that information is not publicly presented on his or her talent profile (stage 658), but may be disclosed to employers as part of the employment process. In the event of disclosure to employers as part of the employment process, employers may not use the

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information to unlawfully discriminate in any way. At this point, processing again returns to Fig. 5B.

Next, the career site determines whether the employer's job listing indicates a work authorization requirement, such as for certain positions and contracts with the U.S. government and its political subdivisions (stage 553). If the answer is "no," then processing advances to consider other regulatory parameters (stage 555). If the answer is "yes," then processing transfers to Fig. 7B, which represents a process for requesting and obtaining work authorization information.

At Fig. 7B, the career site determines whether the talent profile selected by the employer includes a completed work authorization section (stage 751). If the employer profile includes the required work authorization information, the career site determines if the talent is qualified for the particular job (stage 752). If the answer is "no," then the talent and employer receive messages that the talent is not qualified because of the work authorization limitation (stage 753), the information is stored for both employer and talent (stage 763), and processing ends (stage 764). If the career site determines that the talent qualifies for the job (stage 752), then processing returns to Fig. 5B at stage 555.

If the talent profile does not include work authorization information (stage 751), then the talent is presented with a request to supply the work authorization information and an electronic link to the work authorization page of his or her talent profile (stage 754). If the talent declines to complete the work authorization (stage 755), then the employer is notified of the talent's denial (stage 765), the talent's denial is saved for both the employer and the talent (stage 768), and processing ends (stage 769). However, the employer is given an option of continuing the recruiting process (stage 768) because the employer could obtain the work authorization

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information after interviewing the talent with the talent's consent. If the employer elects to continue, then the process returns to Fig. 5B. If the employer does not elect to continue, then the process ends (stage 769).

Returning to stage 755, if the talent completes the work authorization request but is not qualified (stage 756), then both the talent and the employer are notified of that fact (stage 757), the notice is saved for both the employer and the talent (stage 768), and the process ends (stage 769). If the talent is qualified for the job (at stage 756), processing proceeds back to Fig. 5B.

In one embodiment, regardless of whether the talent is qualified for employment in jobs requiring U.S. citizenship, the talent may elect to save his or her work authorization information in his or her talent profile (stages 758, 760, and 761), whereupon this portion of the routine ends (stage 769). If the talent does not elect to save his or her work authorization information in his or her talent profile, then the data is discarded (stage 759).

Returning to Fig. 5B, because it may reasonably be anticipated that job listings may be subject to other governmentally imposed restrictions or record keeping, exemplary processes of Fig. 5B contemplate other routines for processing such requirements (stages 555 and 556).

After the FERI, work authorization, and other regulatory parameters have been processed, the career site determines if the employer is "preferred" (stage 557), as previously discussed. If the talent specified the particular employer as preferred, then processing proceeds to Fig. 12. If the talent did not specify the employer as preferred, then processing proceeds to Fig. 11.

Turning to Fig. 11, if the talent did not list the employer as preferred, then the employment opportunity is submitted to the talent for his or her consideration (stage 1101). The inquiry consists of the particular Job Listing (stage 1102), a Request to Release Contact

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Information (stage 1103), and a brief survey for use in the event that the talent declines the opportunity (stage 1104). The inquiry sent to the talent may be effected by a variety of means, including displaying a message to the talent upon sign-in, via e-mail, regular mail, or some combination of means. The information supplied to the talent may include the name of the employer and the city, state/province, and country of the employer but omits any personally identifying information for the employer and its personnel, and omits the employer's address, phone number, and e-mail address.

In one embodiment, if the information provided to the talent includes the name and geographic location of the employer, the talent may determine the address and phone number of the employer from sources outside of the career site, and attempt to contact the employer directly instead of using the services of the career site. However, a number of factors make such a circumstance unlikely. First, by using the career site, employers have stated a preference for using the site's procedures. Second, the easiest way for the talent to pursue the opportunity presented by the employer is for the talent to utilize the process adopted by the employer, i.e., the career site. Third, employers contractually agree that they will not circumvent the career site system. Fourth, if the career site system were circumvented, important records of the employer's recruiting and hiring process would not be created to be available to the employer and the talent in the future.

In one embodiment, upon receiving an employment inquiry, a talent is asked to respond (stage 1105). If the talent does not immediately respond, then he or she becomes "inactive," meaning that he or she cannot apply for jobs or receive new opportunities from employers (stage 1106). Upon each sign-in, the talent is prompted to respond to outstanding messages (Fig. 3 at stage 324). If the talent has not responded within a predetermined number of days after the date

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of the employer-initiated inquiry, then the employer receives a message from the career site to the effect that the talent has declined the employer's inquiry, but that no reason was given (stage 1107), and the message is saved for the employer and the talent and the process ends (stages 1110 and 1111).

If the talent does respond, such response will be to either grant or decline permission to release his or her contact information (stage 1108). A decline response requires the answer to a brief survey requesting the reason for declining (stage 1109). Possible reasons may include, for example, the geographic location of the employer, the nature of the job, or talent's personal circumstances, among others. Again, the response is saved for the employer and the talent (stage 1110). If the talent grants permission to release his or her contact information, then that action is saved for the employer and the talent (stage 1112). Processing then continues at Fig. 12.

## VII. COMPLETING THE TRANSACTION

After the talent and the employer have reached mutual consent to the release of talent's contact information, an employer becomes obligated to purchase the "compete" talent profile (stage 1208) that includes the talent's contact information. At such time, the career site sends a notice to the talent to expect contact from the employer (stage 1209), the talent contact information is released to the employer (stage 1210), and the career site invoices and collects its fee from the employer (stages 1211, 1212, and 1213). These transactions are saved for the talent, the employer, and the career site (stage 1214) so that various reports may be prepared (stage 1215). In one embodiment, some reports relate to aggregate information gathered during the operation of the career site and may be used to identify employment trends. After talent contact information is purchased, processing advances to Fig. 13.

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Returning to stage 1208, for an employer that purchases a complete talent profile there are several payment options, including, for example: (i) by credit card; (ii) by prepaid account in which an amount of money is pre-deposited with a career site operator; and (iii) by periodic invoice. In connection with a prepaid account, as an employer purchases talent profiles, fees are deducted from the corresponding account, and periodically, the employer is notified that it is time to replenish the account. Talent contact information may not be purchased if there is insufficient money in an employer's prepaid account to effect the transaction(s). In connection with the periodic invoice, employers must have met the career site's established credit criteria. For such employers, a monthly statement will be sent for payment on pre-established terms.

Fig. 13 is a flow diagram representing a procedure of the career site for paying referral fees and commissions that may be payable with respect to completed transactions. In one embodiment, through an affiliate program, referral fees are paid as further described in Fig. 15, Figs. 16, 17, and 18. First, referral fees and commissions are processed (stage 1301). Next, affiliates, wholesalers, and retailers of career site marketing services are sent a message regarding earned referral fees, as appropriate (stages 1302, 1303, and 1304). Next, transactions are stored for processing in the next payment cycle (stage 1305). Finally, payment is made to affiliates, wholesalers, and retailers and the session ends (stages 1306 and 1307).

## VIII. TRADE ASSOCIATIONS

Affiliate organizations in good standing such as trade associations may earn referral fees by referring employers to the career site (see Fig. 13 and Fig. 15). Fig. 15 is a block diagram representing interrelationships between market participants in a system consistent with another embodiment of the present invention, including a marketing program directed to employers.

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Each time a complete talent profile 1501 is completed by talent 1500 and purchased by a referred employer 1505, a referral fee is paid to the affiliate trade association 1506 by career site operator 1503. In this embodiment, transactions are effected in part by employers using trade associations database 222 to identify trade associations to which they (or their divisions) belong. In this embodiment, if the trade association identified by the employer has become a career site "affiliate" then the trade association 1506 will receive a referral fee for each "complete" talent profile 1501 purchased 1507 by such employers 1505 based on job listings 1504 provided by employers 1505.

Trade associations 1506 become approved associations by (i) agreeing to a list of responsibilities, (ii) encouraging member employers to submit job listings, and (iii) providing the career site with a list of its employer-members. In exchange for promoting the career site and the career site operator 1503, the trade association 1506 receives a referral fee whenever a match occurs between a talent profile and a job listing, and the career site is paid. A match occurs when (a) talent agrees to release his or her contact information to an employer, and (b) the employer agrees to purchase that talent's contact information.

In one embodiment, trade associations receive a percentage or fixed referral fee on the revenues that the career site operator earns when talent and employer mutually agree to contact each other regarding employment. The referral fee is paid with respect to all of the employer's job listings, provided that the employer has listed the trade association in the trade affiliations section of its profile. A trade association will continue to receive the referral described as long as it maintains good standing.

In this embodiment, good standing requires several actions on the part of an affiliated association, including (i) publicly endorsing the career site operator; (ii) consenting to the use of

its name in connection with career site advertisements; (iii) promoting career site to its members as part of its member employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its member newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the association's web site to the career site.

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# IX. EDUCATIONAL INSTITUTIONS, PROFESSIONAL ASSOCIATIONS, AND LABOR UNIONS

Affiliate organizations in good standing such as educational institutions, professional associations, and labor (or trade) unions may earn referral fees by referring talent to the career site (see Fig. 13 and Fig. 16). Each time a referred complete talent profile 1604 is purchased by an employer 1606 and the career site is paid, a referral fee is paid to the affiliate educational institution 1601 and/or professional association 1602 and/or labor union 1603. In this embodiment, the transactions are effected in part by talent 1600 using educational institutions database 215 and professional associations and labor unions database 223 to precisely identify educational institutions 1601 that they have attended and professional associations 1602 and/or labor unions 1603 to which they belong. In this embodiment, if the educational institution and/or professional association and/or labor union identified by the talent has become a career site "affiliate" then the educational institution 1601 and/or professional association 1602 and/or labor union 1603 will received a referral fee each time the talent's "complete" talent profile is purchased.

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Fig. 16 is a block diagram representing interrelationships between market participants in a system consistent with another embodiment of the present invention, including a marketing program directed to talent. Educational institution 1601 participates by working with talent 1600

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to contact and provide information to career site operator 1605. Job listings 1607 are provided to career site operator 1605 by employers 1606, and when a match and purchase occur 1608, a referral fee is paid to an appropriate educational institution 1601 and/or professional association 1602 and/or labor union 1603.

In one embodiment, educational institutions 1601 receive a percentage or fixed fee on the revenues that the career site earns when talent and employer mutually agree to contact regarding employment 1608. Talent 1603 must have listed the educational institution 1601 in his or her education history associated with the talent profile 1604. An educational institution 1601 will continue to receive the referral fee as long as it is in good standing.

Educational institutions 1601 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) promoting career site to its students and graduates as part of its student employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its alumni newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the educational institution's web site to the career site. In one embodiment affiliates enter into an exclusive marketing relationship with the career site, meaning that the affiliate will not participate in an affiliate program with another career site.

In one embodiment, professional associations 1602 and labor unions 1603 may receive a percentage or fixed referral fee on the revenues that a career site earns when talent 1600 and employer 1606 mutually agree to contact regarding employment 1608. Talent 1600 must have listed the professional association 1602 and/or labor union 1603 in his or her special skills and affiliations section, associated with the talent profile. A professional association 1602 or labor union 1603 will continue to receive the referral fee as long as it is in good standing.

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Professional associations 1602 and labor unions 1603 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) promoting career site to its members as part of its member employment program; (iv) advertising, with a minimum specified-size ad, the career site in each issue of its member newsletter at no cost to the career site; (v) listing all of its jobs on the career site; and (vi) linking the professional association's or labor union's web site to the career site.

#### X. WHOLESALERS

In one embodiment, through a wholesaler program, wholesalers in good standing may earn commissions as further described in Fig. 13 and Fig. 17. A wholesaler earns a commission (a) if it is responsible for establishing an employer account, in which case a commission is paid each time the employer purchases a complete talent profile and the career site is paid, and/or (b) if it is responsible for recruiting as an affiliate a trade association, professional association, or educational institution, in which case a commission is paid each time the affiliate is paid a referral fee. In this embodiment, the transactions are effected in part by talent 1708 using educational institutions database 215 and professional associations and labor unions database 223 to precisely identify educational institutions 1706 that they have attended and professional associations 1705 and/or labor unions 1707 to which they belong, and by employers using trade associations database 222 to precisely identify trade associations 1701 to which they belong. In this embodiment, if the trade association, professional association, educational institution, or labor union, identified by the talent and/or employer has become a career site "affiliate" through the efforts of the wholesaler 1700, then the wholesaler 1700 will paid a commission each time

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such trade association 1701, professional association 1705, educational institution 1706, or labor union 1707 receives a referral fee.

Fig. 17 is a block diagram representing interrelationships between market participants in a system consistent with yet another embodiment of the present invention, including wholesale marketing of a career site. Wholesalers 1700 work in conjunction with trade associations 1701, professional associations 1705, educational institutions 1706, and labor unions 1707. Trade associations 1701 provide marketing that results in employers 1702 listing jobs 1703 on the career site 1704. Professional associations 1705, educational institutions 1706, and labor unions 1707 provide marketing directed at members and students becoming talent 1708 who post talent profiles 1708 to the career site 1704. When a match 1710 occurs, commissions are paid to the responsible wholesaler 1700 at the time that referral fees are paid to the career site-affiliated trade association 1701, professional association 1705, educational institution 1706, and/or labor union 1707

In one embodiment, wholesalers 1700 are selected from a group of public accounting firms, payroll processing firms, human resource consulting firms, human resource software developers, and other designated entities. In this embodiment, wholesalers 1700 receive percentage commission on the revenues a career site realizes when talent 1708 and employers 1702 mutually agree to contact each other regarding employment 1710. The commission is paid with respect to an employer's entire job listings, provided that the employer 1702 account was assigned to wholesaler 1700 at the time the employer 1702 account was established.

In one embodiment, wholesalers 1700 receive commissions as a wholesaler so long as it and the trade associations 1701, professional associations 1705, educational institutions 1706, and labor unions for which it is responsible remain in good standing. The requirements for trade

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associations 1701, professional associations 1705, educational institutions 1706, and labor unions 1707 remaining in good standing were discussed previously. Wholesalers 1700 maintain good standing by taking several actions, including (i) publicly endorsing the career site operator; (ii) consenting to the use of its name in connection with career site advertisements; (iii) using best efforts to promote the career site to employers for the purpose of listing all of their jobs on the career site; (iv) assisting employers (for fees to be paid by employers) with technical aspects of automatically listing all of the employer's jobs on the career site; (v) listing all of its jobs on the career site; and (vi) linking the wholesaler's web site to the career site.

## XI. RETAILERS

In one embodiment, through a retailer program, retailers in good standing may earn commissions as further described in Fig. 13 and Fig. 18. Fig. 18 is a flow diagram representing the relationship of multiple levels of retailers with a career site in a system consistent with a further embodiment of the present invention. A first-level retailer 1800 earns a commission (a) if it is responsible for establishing an employer account with the career site, in which case a commission is paid each time the employer purchases a complete talent profile, or (b) if it is responsible for recruiting another retailer, consistent with the terms and conditions of the career site, in which case a commission is paid each time the other retailer is paid a referral fee. Alternative retailer processes may be employed using one or more levels consistent with local law.

A first-level retailer identifies a prospective employer (stage 1801). Next, it is determined whether the identified employer is subject to a preexisting wholesale or retail commission (stage 1802). If so, then no retail commission is payable in the case of the identified

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employer (stage 1803). Returning to stage 1802, if the employer is not subject to another commission, then when the employer pays the career site for talent contacts (stage 1804), a first level commission is paid to the first-level retailer (stage 1805). A first-level retailer may also recruit (stage 1806) second-level retailers 1807. Next, second level retailers add employers to the career site (stage 1808), and it is determined whether the added employers are subject to another commission (stage 1809). As described in connection with first-level retailers, if a particular employer is already subject to a commission, no retail commission is payable (stage 1803). On the other hand, if at stage 1809, it is determined that a particular employer is not subject to commissions, and the employer pays the career site for talent contacts (stage 1810), then the second-level retailer is paid a first-level commission (stage 1811) and a second-level commission is paid to the first-level retailer (stage 1812).

Further, second-level retailer 1807 may recruit (stage 1813) a third-level retailer 1814. The third-level retailer adds employers to the career site (stage 1815). If the employer is subject to another commission, no retail commission is payable (stage 1803). However, if the added employer is not subject to another commission (stage 1816) and the added employer pays the career site for talent contacts (stage 1817), then a first-level commission is paid to the third-level retailer (stage 1819), a second-level commission is paid to the second-level retailer (stage 1830) and a third-level commission is paid to the first-level retailer (stage 1820).

Finally, additional retail levels may be added to the system consistent with local law.

#### XII. COMMERICALLY AVAILABLE REPORTS

Data generated with activities carried out in connection with the invention may contain commercially valuable information based on aggregated information. In one embodiment,

reports are marketed that indicate industry trends such as salary trends, including which industries are hiring, which industries are not hiring and which geographical areas are hiring and which are not.

## 5 XIII. STOREFRONTS

Employers may rent "storefronts" which are sections of the career site devoted to the particular employer. Employers who rent storefronts have broad discretion with respect to the information that they may present, but may not present personally identifying information, or information intended to circumvent the procedures of the career site, or information that is unlawful.

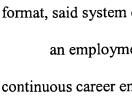
### XIV. FOLLOW-UP PROCESS

Fig. 14 is a flow diagram of a process whereby the career site initiates contact with talent and employers with respect to matches that have occurred between talent and employers, and the parties have agreed to the exchange of contact information, i.e., a purchase has occurred. In one embodiment, employers database 210, jobs database 211, and talent profiles database 205 are opened on a periodic basis, such as, for example 60 days after the date of the match (stages 1401 and 1402). The employers who purchased talent contact information are asked whether they hired the particular talent (stage 1403). The talent, whose contact information was purchased, are asked whether they were hired by the particular employer (stage 1404). Any responses (stages 1405 and 1406) are saved (stage 1407), and various talent and employer reports may be prepared (stage 1408), and the routine ends (stage 1409).

## XV. ENTERPRISE DATABASES

Methods, systems, and distributed networks consistent with the present invention are capable of facilitating transmission and processing of job description information directly from enterprise human resources and other applications, such as, for example, enterprise database systems from PeopleSoft, Inc. and SAP AG. Similarly, trade or professional associations, educational institutions or other entities may have sufficient consent and data to provide talent profile information for its members or students. This information may be exchanged in various ways as will be apparent to one of ordinary skill in the art.

It will be appreciated by those of ordinary skill in the art that the invention can be embodied in other specific forms without departing from the spirit or essential character hereof. The present description is therefore considered in all respects to be illustrative and not restrictive. The scope of the invention is indicated by the appended claims, and all changes that come within the meaning and range of-equivalents thereof are intended to be embraced therein.



#### WHAT IS CLAIMED IS:

A system for collecting and classifying information using a structured information 1. format, said system comprising:

an employment management system configured to provide continuous recruiting and continuous career enhancement by providing a search interface to a plurality of job descriptions and to a plurality of blind résumés, wherein employers provide said job descriptions and talent provide talent information corresponding to said blind résumés.

- 2. The system as set forth in claim 1, wherein personal contact information corresponding to at least one selected résurhé is provided to said employers after said employers agree to purchase said personal contact information.
- The system as set forth in claim 1, wherein said employers are provided an 3. opportunity to purchase personal contact information corresponding to at least one selected résumé if a selected talent corresponding to said selected résumé indicates consent.
- The system as set forth in claim 3, wherein said consent is indicated by specifying 4. at least one preferred employer.
- A method of authorizing information exchange between at least one candidate in a 5. plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said method comprising:

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matching said candidate with said employer based on said candidate requirements and said employer requirements;

receiving a request for interview from at least one of said candidate and said employer; and

determining whether there is mutual consent to said request for interview.

- 6. The method as set forth in claim 5, wherein said information exchange occurs in preparation for an interview.
- 7. The method as set forth in claim 5, wherein said determining further comprises comparing a preferred employer specification in said candidate attributes with said employer.
- 8. The method as set forth in claim 5, wherein said determining further comprises receiving a response to said request for interview from at least one of said candidate and said employer.
- 9. The method as set forth in claim 5 further comprising receiving payment from said employer for providing contact information for said candidate.
- 10. The method as set forth in claim 9, wherein an amount of said payment is chosen from a general equivalency diploma amount, a high school amount, a vocational educational training amount, an associate degree amount, a bachelor degree amount, a master degree amount, and a doctorate amount, wherein said doctorate amount is less than or equal to said master

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degree amount, which is less than or equal to said bachelor degree amount, which is less than or equal to said associate degree amount, which is less than or equal to said vocational educational training amount, which is less than or equal to said high school amount, which is less than or equal to said general equivalency diploma amount.

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11. A computer system for coordinating information exchange between at least one candidate in a plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said computer system comprising:

a comparator operable to match said candidate with said employer based on said candidate requirements and said employer requirements;

an interface operable to receive a request for interview from at least one of said candidate and said employer;

said comparator further operable to determine whether there is mutual consent to said request for interview; and

a payment interface operable to receive payment from said employer based on an occurrence of said mutual consent.

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12. The computer system as set forth in claim 11, wherein said comparator is further operable to compare a preferred employer specification in said candidate attributes with said employer.

- 13. The computer system as set forth in claim 11, wherein said interface is further operable to receive a response to said request for interview from at least one of said candidate and said employer.
- 14. A distributed network for facilitating interviews between at least one candidate in a plurality of talent-contributors and at least one employer in a plurality of employers, said candidate having candidate attributes including candidate requirements and said employer having employer requirements, said distributed network comprising:

means for managing enterprise database resources;

means for matching said candidate with said employer based on said candidate requirements and said employer requirements;

means for receiving a request for interview from at least one of said candidate and said employer; and

means for determining whether there is mutual consent to said request for interview.

- 15. The distributed network as recited in claim 14 further comprising means for receiving payment from said employer for providing contact information for said candidate.
- 16. The distributed network as recited in claim 14, wherein said means for determining whether there is mutual consent further comprises means for comparing a preferred employer specification in said candidate attributes with said employer.

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- 17. The distributed network as recited in claim 14, wherein said determining whether there is mutual consent further comprises means for receiving a response to said request for interview from at least one of said candidate and said employer.
- 18. A method of receiving information regarding at least one candidate from a plurality of talent-contributors, said candidate having candidate attributes, said method comprising:

receiving personal information associated with said candidate;

receiving experience information regarding said candidate, said experience information relating to skills attributes; and

receiving skills descriptions corresponding to said skills attributes.

- 19. The method as set forth in claim 18, wherein said receiving personal information further comprises maintaining records of said personal information.
- 20. The method as set forth in claim 18, wherein said personal information includes a name, a physical address, an electronic address, and a minimum compensation requirement of said candidate.
- 21. The method as set forth in claim 20, wherein said physical address is maintained in a consistent format.

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- 22. The method as set forth in claim 20 further comprising identifying a nearest metropolitan area to said physical address, wherein said nearest metropolitan area is further designated as a metropolitan statistical area, a primary metropolitan statistical area, or a consolidated metropolitan statistical area.
- 23. The method as set forth in claim 18, wherein said candidate attributes include career information regarding at least one past position of said candidate, said career information selected from structured occupational data operable to be matched with employer information pertaining to prospective employers.
- 24. The method as set forth in claim 23, wherein said structured occupational data includes at least one occupational title obtained from the Dictionary of Occupational Titles.
- 25. The method as set forth in claim 23, wherein said structured occupational data further comprises a reason said candidate is no longer employed in said past position.
- 26. The method as set forth in claim 23, wherein said candidate attributes include industry information regarding said past position of said candidate, said career information selected from structured industry data operable to be matched with said employer information.
- 27. The method as set forth in claim 26, wherein said industry information further comprises a reason said candidate is no longer employed in said past position.

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- 28. The method as set forth in dlaim 18, wherein said candidate attributes include structured industry data comprising classifications identified in the North American Industry Classification System.
- 5 29. The method as set forth in claim 28, wherein said classifications relate to at least one past position of said candidate.
  - 30. The method as set forth in claim 29, wherein said candidate provides descriptions of accomplishments of said candidate in said past position.
  - 31. The method as set forth in claim 18 further comprising:
    storing said personal information about said candidate in a memory; and
    providing access to said candidate attributes, said access operable to facilitate generation
    of reports regarding said plurality of talent-contributors.
  - 32. The method as set forth in claim 23, wherein said candidate provides information regarding compensation received by said candidate with respect to said past position.
- 33. The method as set forth in claim 31, wherein said personal information further comprises self-identification information including at least one of:

race-information regarding said candidate; gender-information regarding said candidate;

citizenship-information regarding said candidate; and lawful eligibility to work in at least one country.

- 34. The method as set forth in claim 33, wherein said self-identification information is received on an optional basis.
  - 35. The method as set forth in claim 33 further comprising providing said selfidentification information to prospective employers to enable said prospective employers to comply with job-applicant-reporting requirements.
  - 36. The method as set forth in claim 18 further comprising receiving educational-background information associated with at least one educational institution which said candidate has attended.
  - 37. The method as set forth in claim 36, wherein said educational information further comprises a name of said educational institution, a level of education expected or attained, and at least one field of study.
- 38. The method as set forth in claim 18 further comprising receiving affiliation information corresponding to affiliations of said candidate, said affiliations including membership in at least one organization in a plurality of occupation-oriented organizations.

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- The method as set forth in claim 38, wherein said occupation-oriented 39. organizations comprise professional associations, trade associations, and labor unions.
- 40. The method as set forth in claim 18, wherein said candidate attributes include 5 desired-career information regarding at least one desired-career position.
  - The method as set forth in claim 40, wherein said desired-career information 41. includes a designation of at least one preferred employer.
  - 42. The method as set forth in claim 18 further comprising suggesting possible job descriptions to said candidate based on said candidate attributes.
  - 43. The method as set forth in claim 18, wherein said skills descriptions relate to language skills, analytical skills, people and communication skills, and mechanical skills of said candidate.
  - The method as set forth in claim 43, wherein said language skills include reading, 44. writing, and speaking.
- The method as set forth in claim 44, wherein said description of said reading, 20 45. writing, and speaking skills includes an assessment of proficiency in said skills.

- 46. The method as set forth in claim 43, wherein said analytical skills, people and communication skills, and mechanical skills correspond to said skills attributes described in the Dictionary of Occupational Titles.
- 47. The method as set forth in claim 46, wherein said skills descriptions comprise descriptions of nature, use, and proficiency of skills associated with said skills descriptions.
- 48. The method as set forth in claim 46, wherein skills associated with said skills descriptions correspond to a skills coding system of the Dictionary of Occupational Titles.
- 49. The method as set forth in claim 18 further comprising receiving an identification of licenses and certifications held by said candidate.
- 50. The method as set forth in claim 18 further comprising receiving a description of professional and personal accomplishments of said candidate.
- 51. The method as set forth in claim 18 further comprising receiving an indication of an interest level of said candidate in obtaining new employment.
- 52. A computer system including computer-readable instructions for receiving talent information regarding talent, said talent having talent faculties, said computer system comprising:

at least one memory in which said computer-readable instructions reside;

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a processor operable to execute said computer-readable instructions;

a communications adapter operable to receive said talent information from said talent, said communications adapter operative to communicate a portion of said talent information to a plurality of employers;

wherein said communications adapter is configured to receive contact data associated with said talent; and

wherein said communications adapter is further configured to receive background information regarding said talent, said background information including affiliation information corresponding to affiliations of said talent, said affiliations including membership in at least one occupation-oriented organization.

- 53. The computer system as set forth in claim 52, wherein said contact data includes a name and an E-mail address.
- 54. The computer system as set forth in claim 52, wherein said background information further comprises self-identification information including at least one of:

information regarding race of said falent;

information regarding gender of said talent;

information regarding citizenship of said talent;

information regarding employment eligibility.

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- 55. The computer system as set forth in claim 54 further comprising a data interface configured to provide said self-identification information to said employers to enable said employers to comply with job applicant reporting requirements.
- 56. The computer system as set forth in claim 52, wherein said talent faculties further comprise information regarding at least one of past employment, formal education, informal training, and a description of proficiency in a predetermined set of skills.
- 57. The computer system as set forth in claim 52, wherein said talent faculties further comprise information regarding membership in at least one occupation-oriented organization.
- 58. The computer system as set forth in claim 52, wherein said communications adapter is further configured to receive desired-position information regarding a career position specified by said talent.
- 59. The computer system as set forth in claim 58, wherein said desired-position information includes a designation of at least one preferred employer.
- 60. The computer system as set forth in claim 52, wherein said talent faculties include work experience as embodied in past-employment information, said past-employment information associated with skills attributes, said skills attributes described by skills descriptions.

- 61. The computer system as set forth in claim 60, wherein said skills descriptions include an assessment of proficiency.
- 62. A distributed network for providing employers with candidate-information regarding at least one candidate in a plurality of talent-contributors, said candidate having candidate attributes, said distributed network comprising:

means for managing enterprise human resource data;

means for receiving personal information associated with said candidate;

means for receiving career information regarding at least one past career position of said candidate, said career information operable to be matched with employer information pertaining to prospective employers of said candidate, wherein at least a portion of said career information is associated with said enterprise human resource data;

means for receiving experience information regarding said candidate, said experience information associated with experiences gained by said candidate, said experiences relating to skills attributes and said experiences of relevance to said prospective employers;

means for obtaining consent of said candidate to release of said personal information of said candidate to at least one of said prospective employers; and

means for providing said personal information to said at least one of said prospective employers based on said consent.

63. The distributed network as recited in claim 62 further comprising means for providing an interface to said candidate attributes, said interface operable to facilitate generation of reports regarding said plurality of talent-contributors.

64. The distributed network as recited in claim 63, wherein said personal information further comprises self-identification information including at least one of:

information regarding race of said candidate;

information regarding gender of sald candidate;

information regarding citizenship of said candidate; and

lawful eligibility to work in at least one country.

- 65. The method according to claim 64, wherein said self-identification information is received on an optional basis.
- 66. The distributed network as recited in claim 64 further comprising means for providing said self-identification information to said prospective employers to enable said prospective employers to comply with job applicant reporting requirements, wherein said self-identification information is provided to said prospective employers after said prospective employers have made hiring decisions regarding said candidate, whereby said self-identification information cannot be used impermissibly by said prospective employers to discriminate against said candidate.
- 20 67. The distributed network as recited in claim 62 wherein said experience information is categorized based on a data dictionary of job descriptions.

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- 68. The distributed network as recited in claim 62, wherein said candidate attributes include at least one desired career position.
- 69. The distributed network a recited in claim 62, wherein said candidate attributes

  further include a designation of at least one preferred employer.
  - 70. A method of receiving information regarding an employer including employer profile information and at least one job description, said job description having job parameters corresponding to candidate attributes of a desired candidate, said method comprising:

receiving desired experience information regarding said desired candidate, said desired experience information relating to a structured set of desired skills attributes; and receiving desired skills descriptions corresponding to said desired skills attributes.

71. The method as set forth in claim 70 further comprising:
receiving a multiple-division indication regarding an existence of multiple divisions associated with said employer;

receiving geographical information associated with at least one of said multiple divisions; receiving user information regarding at least one employer-user to be associated with an employer account corresponding to said employer; and

for each of said at least one employer-user receiving access scope information, said access scope information specifying a scope of access associated with said at least one employer-user.

- 72. The method as set forth in claim 71, wherein a division in said multiple divisions is further divided into successively smaller divisions.
- 73. The method as set forth in claim 70, wherein said employer profile information includes employer name, phone number, physical address, billing information, and administrative user information.
  - 74. The method as set forth in claim 71, wherein said geographical information is maintained in a consistent format.
  - 75. The method as set forth in claim 71, wherein receiving said geographical information further comprises identifying a nearest metropolitan area associated with a geographical location associated with said multiple divisions of said employer, wherein said nearest metropolitan area is further designated as a metropolitan statistical area, a primary metropolitan statistical area, or a consolidated metropolitan statistical area.
  - 76. The method as set forth in claim 71, wherein said job description is associated with a division within said multiple divisions.
- The method as set forth in claim 70, wherein said job description further comprises:
  - a confidential maximum compensation said employer has allocated for a job; a number of total employment positions associated with said job description; and

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a number of open employment positions associated with said number of total employment positions.

- 78. The method as set forth in claim 70, wherein said employer profile information includes structured industry data operable to be matched with career information pertaining to prospective employees.
  - 79. The method as set forth in claim 78, wherein said structured industry data includes classifications identified in the North American Industry Classification System.
  - 80. The method as set forth in claim 70, wherein said job description further comprises:
  - a Federal Employment Records Information requirement indication regarding whether said job description is associated with an employment position for which self-identification information should be maintained.
  - 81. The method as set forth in claim 70, wherein said job description further comprises a regulated job requirements indication regarding whether said job description is associated with an employment position for which said candidate attributes are subject to government regulation.

- 82. The method as set forth in claim 70, wherein said job description further comprises a narrative description of functions to be performed in a job associated with said job description.
- 83. The method as set forth in claim 70, wherein said job description further comprises benefit descriptions and compensation figures offered by said employer in connection with a job associated with said job description, wherein said compensation figures include a maximum compensation amount.
- 84. The method as set forth in claim 83, wherein said maximum compensation amount is confidential.
- 85. The method as set forth in claim 81, wherein said government regulation includes a restriction pertaining to citizenship.
- 86. The method as set forth in claim 71, wherein said employer profile information includes information regarding organizations with which said employer is affiliated.
- 87. A computer system for receiving employer information regarding an employer having at least one division, said computer system comprising:
  - a check box operable to receive a multiple-division indication regarding an existence of multiple divisions associated with said employer;
    - a geographical interface configured to receive geographical information associated with

at least one of said multiple divisions associated with said employer; and

a user interface operable to receive user information regarding at least one employer-user to be associated with an employer account corresponding to said employer, wherein said user interface is operable to receive access scope information for said employer-user, said access scope information specifying a scope of access associated with said employer-user.

- 88. The computer system as set forth in claim 87, wherein said geographical interface is further configured to receive said geographical information by identifying a nearest metropolitan area associated with said multiple divisions.
- 89. The computer system as set forth in claim 87 further comprising a structured form operable to receive at least one job description associated with said division.
- 90. The computer system as set forth in claim 89, wherein said structured form further comprises:

a first numerical input cell operable to receive a number corresponding to a maximum allocated compensation for said job description;

a second numerical input cell operable to receive a number of total employment positions associated with said job description; and

a third numerical input cell operable to receive a number of open employment positions associated with said number of total employment positions.

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91. A distributed network for receiving employer profile information regarding an employer having at least one business unit, said distributed network comprising:

means for maintaining enterprise human resource information;

means for receiving a multiple-division indication regarding an existence of multiple divisions associated with said employer;

means for receiving geographical information associated with at least one of said multiple divisions;

means for receiving user information regarding at least one employer-user to be associated with an employer account corresponding to said employer;

means for receiving access scope information for each of said at least one employer-user, said access scope information specifying a scope of access associated with said at least one employer-user.

- 92. The distributed network as recited in claim 91, wherein said geographical information is maintained in a consistent format.
- 93. The distributed network as recited in claim 91, wherein said means for receiving said geographical information further comprises means for identifying a nearest metropolitan area associated with a geographical location associated with said multiple divisions of said employer.
- 94. The distributed network as recited in claim 91 further comprising means for receiving at least one job description associated with said at least one business unit.

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95. The distributed network as recited in claim 94, wherein said means for receiving at least one job description further comprises:

means for receiving a number of total employment positions associated with said job description; and

means for receiving a number of open employment positions associated with said number of total employment positions.

96. A method of searching a plurality of job descriptions, said method performed by a talent-user, and said method comprising:

accessing a talent profile associated with said talent-user, said talent profile including talent-threshold requirements;

identifying target job descriptions associated with prospective employers based on said talent profile, said target job descriptions having job-threshold requirements;

comparing said talent profile with said job-threshold requirements, whereby a threshold comparison results; and

determining whether at least one of said target job descriptions is compatible with said talent profile, based on said threshold comparison.

20 97. A method of searching a plurality of jbb descriptions, said method performed by a talent-user, and said method comprising:

receiving search parameters from said talent-user;

identifying target job descriptions associated with prospective employers based on said

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search parameters, said target job descriptions having job-threshold requirements;

comparing at least one talent profile with said job-threshold requirements, whereby a threshold comparison results; and

determining whether at least one of said target job descriptions is compatible with said talent profile, based on said threshold comparison.

98. The method as set forth in claim 97 further comprising:
receiving from said talent-user an indication regarding whether to perform a foreign
search for said target job descriptions located outside of a specified geographic location; and
providing job description information corresponding to said target job descriptions that
occur outside of a primary location country associated with said talent-user.

- 99. The method as set forth in claim 97, wherein said search parameters include a minimum compensation requirement.
  - 100. The method as set forth in claim 97 further comprising: receiving a request for interview with a target employer from said talent-user; and transmitting said request for interview to said target employer.
- 20 101. The method as set forth in claim 100 further comprising:

  receiving a request-acceptance indication from said target employer regarding whether said target employer accepts said request for interview; and

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providing a questionnaire to said target employer regarding said request-acceptance indication based on a negative value of said request-acceptance indication.

102. The method as set forth in claim 101 further comprising:

inactivating an account associated with said target employer based on a failure to respond to said questionnaire; and

reactivating said account based on a subsequent response to said questionnaire.

103. The method as set forth in claim 102 further comprising: reactivating said account based on passage of a predetermined period of time.

104. The method as set forth in claim 97, wherein said search parameters further include at least one search timing parameter, including:

a start time and a search frequency.

105. The method as set forth in claim 104, wherein said search frequency is once per day.

106. The method as set forth in claim 97 further comprising providing said talent-user with an opportunity to modify said search parameters and said talent profile if said threshold comparison indicates that said talent profile does not match said job-threshold requirements.

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- 107. The method as set forth in claim 97 further comprising providing said talent-user with a list of job descriptions for which said talent profile matches said job-threshold requirements.
- 108. The method as set forth in claim 107, wherein said list of job descriptions is ordered by compensation offered in connection with a particular job.
  - 109. The method as set forth in claim 108, wherein said list of job descriptions is further ordered by geographic proximity to a geographic location specified in said search parameters.
  - 110. A data processing apparatus for searching a plurality of job descriptions, said apparatus operable to communicate with a talent-user, said apparatus comprising:

an application server configured to provide a user interface operative to receive an instruction to search from said talent-user, said user interface further operative to receive search parameters from said talent-user;

at least one memory operable to store and provide access to a talent profile associated with said talent-user, said talent profile including talent-threshold requirements;

- a search engine configured to access said talent profile and said search parameters;
- a filter operable to identify target job descriptions based on said search parameters, said target job descriptions having job-threshold requirements; and
- a comparator, coupled with said search engine, operable to compare said talent profile to said job-threshold requirements, whereby a threshold comparison results.

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- 111. The apparatus as set forth in claim 110, wherein said comparator is a processor programmed to compare sets of data having a consistent nomenclature.
- 112. The apparatus as set forth in claim 110, wherein said talent-threshold requirements further include a minimum compensation requirement.
- 113. The apparatus as set forth in claim 110 further comprising:
  an input form configured to receive a request for interview with a target employer from said talent-user; and

a message processor programmed to transmit said request for interview to said target employer.

- 114. The apparatus as set forth in claim 113, wherein said message processor is further programmed to receive a request-declined indication from said target employer regarding whether said target employer accepts said request for interview, and wherein said message processor is further programmed to provide a questionnaire to said target employer regarding said request-declined indication.
- 20 115. The apparatus as set forth in claim 114 further comprising a processor programmed to inactivate an account associated with said target employer based on a failure to respond to said questionnaire, wherein said processor is further programmed to reactivate said account based on a subsequent response to said questionnaire.

- 116. The apparatus as set forth in claim 115, wherein said processor is further programmed to reactivate said account based on passage of a predetermined period of time.
- 117. The apparatus set forth in claim 110, wherein said instruction to search further includes at least one search timing parameter, including at least one of:

a start time and a search frequency.

- 118. The apparatus set forth in claim 117, wherein said search frequency is once per day.
- 119. The apparatus as set forth in claim 110, wherein said user interface is further operable to provide said talent-user with an opportunity to modify talent compensation requirements if said threshold comparison indicates that talent compensation requirements do not match said job-threshold requirements.
- 120. The apparatus as set forth in claim 110, wherein said user interface is further operable to provide said talent-user with a list of job descriptions for which said search parameters match said job-threshold requirements.
- 121. The apparatus as set forth in claim 120, wherein said list of job descriptions are ordered by compensation offered in connection with a particular job.

- 122. The apparatus as set forth in claim 121, wherein said list of job descriptions are further ordered by geographic proximity to a geographical location specified in said search parameters.
- 123. A network for searching a plurality of job descriptions, said network operable to receive talent-information from a talent-user, said network comprising:

means for managing enterprise human resource data;

means for receiving job search parameters from said talent-user;

means for storing at least one set of job search parameters associated with an ideal job for said talent-user;

means for accessing said set of job search parameters and a talent profile associated with said ideal job, said talent profile including a minimum compensation requirement;

means for identifying target job descriptions, based on said set of job search parameters and said talent profile, said target job descriptions having a maximum compensation allowance associated with an employer; and

means for comparing said minimum compensation requirement of said talent-user to said maximum compensation allowance of said employer, whereby a compensation comparison results, and wherein said means for comparing determines whether said talent profile is compatible with at least one of said target job descriptions.

124. The network as recited in claim 123, wherein at least one of said job search parameters is a geographic location.

125. The network as recited in claim 123 further comprising:
means for receiving a request for interview with said employer from said talent-user; and
means for transmitting said request for interview to said employer.

126. The network as recited in claim 25 further comprising:

means for receiving a request-acceptance indication from said employer regarding whether said employer accepts said request for interview; and

means for providing a questionnaire to said employer regarding said request-acceptance indication.

- 127. The network as recited in claim 126 further comprising means for notifying said employer that an account associated with said employer has been inactivated until said employer responds to said questionnaire.
- 128. The network as recited in claim 123, wherein said job search parameters include at least one search timing parameter, including a start time and a search frequency.
- 129. The network as recited in claim 128, wherein said search frequency is once per day.

130. The network as recited in claim 123 further comprising means for providing said talent-user with a list of job descriptions for which said minimum compensation requirement and said job search parameters match maximum compensation allowance.

131. The network as recited in claim 130, wherein said list of job descriptions are ordered by compensation offered and geographic proximity to a location specified in said job search parameters.

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132. A method of searching for talent by searching talent information in a plurality of talent profiles, said method initiated by an employer-user associated with an employer, said method comprising:

receiving search parameters from said employer-user;

accessing a job description associated with said employer-user, said job description, including job-threshold requirements;

identifying target talent profiles associated with prospective talent and consistent with said search parameters from among said plurality of talent profiles, said target talent profiles having associated talent-threshold requirements.

comparing said talent-threshold requirements with said job-threshold requirements, whereby a threshold comparison is produced; and

determining whether at least one of said target talent profiles is compatible with said jobthreshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

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133. The method as set forth in claim 132 further comprising providing said employer-user with an opportunity to modify said job threshold requirements if said threshold comparison indicates that said job-threshold requirements do not match said talent-threshold requirements.

- 134. The method as set forth in claim 132, wherein said search parameters further include desired candidate parameters associated with a desired candidate.
- 135. The method as set forth in claim 134, wherein said search parameters correspond to a predetermined job description associated with said employer.
  - 136. The method as set forth in claim 135, wherein said predetermined job description is associated with an occupational title consistent with the Dictionary of Occupational Titles.
  - 137. The method as set forth in claim 136, wherein said employer specifies a required term of experience associated with said occupational title.
  - 138. The method as set forth in claim 132, wherein said job-threshold requirements further include a maximum allocated compensation amount.
  - 139. The method as set forth in claim 132, wherein said search parameters include at least one skills description consistent with the Dictionary of Occupational Titles.
- 140. The method as set forth in claim 139, wherein said search parameters include a required level of proficiency associated with said skills description.

- 141. The method as set forth in claim 132, wherein said search parameters include at least one industry identification consistent with the North American Industry Classification System, said industry identification associated with an industry.
- 142. The method as set forth in claim 141, wherein said employer specifies a required term of experience within said industry.
  - 143. The method as set forth in claim 132 further comprising:

determining whether said talent information associated with said compatible talent résumé includes a designation of said employer as a preferred employer, whereby a preferred employer determination results; and

based on an affirmative result of said preferred employer determination, providing contact information to said employer regarding said target talent profiles.

- 144. The method as set forth in claim 143, wherein based on a negative result of said preferred employer determination, said employer is afforded an opportunity to communicate a request for interview to said talent associated with said compatible talent résumé.
  - 145. The method as set forth in claim 144 further comprising:

determining whether said talent accepts said request for interview, whereby a talent acceptance determination results;

based on a negative result of said talent acceptance determination, providing a questionnaire to said talent; and

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based on one of a response and a ladk of a response to said questionnaire, providing feedback to said employer-user.

146. The method as set forth in claim 132 further comprising:

receiving from said employer-user ar indication regarding whether to perform a foreign search for said talent located outside of a specified geographic location; and

providing talent profile information corresponding to said talent that resides outside of a primary location country associated with said employer, wherein said talent has legal authorization to work in said primary location country.

- 147. The method as set forth in claim 132, wherein said search parameters further includes at least one search timing parameter, including a start time and a search frequency.
- 148. The method as set forth in claim 147, wherein said search frequency is once per day.
- 149. A computer system for facilitating searching talent having associated talent descriptions in a plurality of talent profiles, said computer system configured to receive input from an employer-user associated with an employer, said employer searching in a primary location country, and said computer system comprising:

an application server operable to provide a user interface operative to receive an instruction to search from said employer-user;

a memory operative to store search parameters associated with a desired candidate;

a comparator operative to compare said search parameters and associated job-threshold requirements, wherein target talent résumés are identified based on said search parameters and said plurality of talent profiles, said target talent résumés having associated talent-threshold requirements;

wherein said talent-threshold requirements are compared to said job-threshold requirements, whereby a threshold comparison results; and

wherein it is determined whether at least one of said target talent résumés is compatible with said job-threshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

150. The computer system as set forth in claim 149 further comprising:
a message processor operative to afford said employer-user an opportunity to express a

request for interview to said talent associated with said target talent résumés.

- 151. The computer system as set forth in claim 149, wherein said job-threshold requirements further include a maximum allocated compensation amount.
- 152. The computer system as set forth in claim 151, wherein said talent-threshold requirements further include a minimum required compensation amount.
- 153. The computer system as set forth in claim 149 further comprising:

  preconfigured logic configured to determine whether compatible talent information that is
  associated with said compatible talent résumé includes a designation of said employer as a

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preferred employer, whereby a preferred employer determination results; and

wherein contact information associated with said compatible talent résumé is provided to said employer-user, based on an affirmative result of said preferred employer determination.

154. The computer system as set forth in claim 153, wherein based on a negative result of said preferred employer determination, said employer-user is afforded an opportunity to express a request for interview to said talent that is associated with said compatible talent résumé.

155. The computer system as set forth in claim 154, wherein said preconfigured logic is further configured to determine whether said alent accepts said request for interview, whereby a talent acceptance determination results;

wherein based on a negative result ofsaid talent acceptance determination, a questionnaire is provided to said talent; and

based on one of a response and a lack of said response, feedback is provided to said employer-user.

156. The computer system as set forth in claim 149, wherein said user interface further includes a check box configured to receive from said employer-user a foreign search indication regarding whether to perform a foreign search for said talent that resides outside said primary location country; and

based on an affirmative state of said foreign search indication, providing blind résumés

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corresponding to said talent that resides outside of said primary location country, wherein said talent has legal authorization to work in said primary location country.

157. A distributed network of searching for talent by searching a plurality of talent profiles, said distributed network initiated by an employer-user associated with an employer, said employer searching in a primary location country, said distributed network comprising:

means for receiving an instruction to search from said employer-user;

means for receiving search parameters from said employer-user, said search parameters including an identification of job-threshold requirements;

means for identifying target talent résumés, based on said search parameters and said plurality of talent profiles, said target talent résumés having associated talent-threshold requirements;

means for comparing said talent-threshold requirements with said job-threshold requirements, whereby a threshold comparison results; and

means for determining whether at least one of said target talent résumés is compatible with said job-threshold requirements, based on said threshold comparison, whereby at least one compatible talent résumé is identified.

- 158. The distributed network as ecited in claim 157, wherein said search parameters further include desired candidate parameters associated with a desired candidate.
- 159. The distributed network as recited in claim 158, wherein said search parameters correspond to a predetermined job description associated with said employer.

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- 160. The distributed network as recited in claim 157, wherein said job-threshold requirements further include a maximum allocated compensation amount.
- 161. The distributed network as recited in claim 157 further comprising:

  means for determining whether compatible talent information associated with said
  compatible talent résumé includes a designation of said employer as a preferred employer,
  whereby a preferred employer determination results; and

means for providing contact information to said employer regarding said target talent résumés, based on an affirmative result of said preferred employer determination.

- 162. The distributed network as recited in claim 161, wherein based on a negative result of said preferred employer determination, said employer is afforded an opportunity to communicate a request for interview to said talent associated with said compatible talent résumé.
- 163. The distributed network as recited in claim 162 further comprising:

  means for determining whether said talent accepts said request for interview, whereby a talent acceptance determination results;

means for providing a questionnaire to said talent, based on a negative result of said talent acceptance determination; and

means for providing feedback to said employer-user, based on one of a response and a lack of a response to said questionnaire.

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164. The distributed network as recited in claim 157 further comprising:

means for receiving from said employer-user a foreign search indication regarding whether to perform a foreign search for said talent; and

means for providing blind résumés corresponding to said talent that resides outside of said primary location country, based on an affirmative state of said foreign search indication, wherein said talent has legal authorization to work in said primary location country.

165. A method of promoting a career site, said method comprising:

receiving talent information from a plurality of talent regarding qualifications of said talent for performing predetermined activities, said talent information including affiliation information, said affiliation information corresponding to at least one association, wherein said at least one association is in compliance with a career site affiliate policy;

receiving employer information from a plurality of employers, said employer information including employer affiliation information, said employer affiliation information corresponding to at least one employer-related association, wherein said employer-related association is in compliance with said career site affiliate policy;

matching said talent information with said employer information; and paying a commission to said at least one association based on said matching of said talent with said employer information.

166. The method as set forth in claim 165, wherein said at least one association includes at least one of professional associations, trade associations, labor unions and educational institutions.

167. The method as set forth in claim 165, wherein said employer information further includes job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said matching further comprises:

based on a comparison of said talent-threshold requirements and said job-threshold requirements, matching said talent with said employer information when said employer information is compatible with said talent-threshold requirements.

168. The method as set forth in claim 165, wherein said at least one association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said at least one association in order for said at least one association to remain in good standing with said career site, said certain actions including:

publicly endorsing said career site;

permitting use of a name of said at least one association in connection with advertisements of said career site;

promoting said career site to members of said at least one association in connection with an association member employment program;

providing said career site with advertising space in said association newsletter; and posting jobs associated with said at least one association to said career site.

169. The method as set forth in claim 165, wherein said commission is a fixed amount or a percentage of a fee associated with a transaction.

170. A computer system used in connection with promoting a career site, said computer system comprising:

a server operable to provide an on-line user interface operable to receive talent information from a plurality of talent regarding qualifications of said talent for performing predetermined activities, and from employers regarding job descriptions said talent information including affiliation information, said affiliation information associated with at least one association, wherein said association is in compliance with a career site affiliate policy of said career site;

an input processor configured to receive said job descriptions from a plurality of employers;

a comparator for matching said talent with said job descriptions; and
a payment processor configured to pay a commission to said association based on said
matching.

- 171. The computer system as set forth in claim 170, wherein said job descriptions include job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said comparator matches said talent with said job descriptions, based on a comparison of said talent-threshold requirements and said job-threshold requirements.
- 172. The computer system as selforth in claim 170, wherein said association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said association in order for said association to remain in good standing with said career site, said certain actions including:

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publicly endorsing said career site;

permitting use of a name of said association in connection with advertisements of said career site;

promoting said career site to members of said association in connection with an association member employment program;

providing said career site with advertising space in at least one issue of a newsletter said association; and

posting jobs associated with said association to said career site.

173. A distributed network for promoting a career site, said distributed network comprising:

means for managing enterprise human resource data;

means for receiving talent information from talent regarding qualifications of talent for performing predetermined activities, said talent information including affiliation information, said affiliation information associated with at least one association, wherein said at least one association is in compliance with a career site affiliate policy;

means for receiving job descriptions from a plurality of employers;
means for matching said talent with said job descriptions; and
means for paying a commission to said at least one association based on said matching.

174. The distributed network as recited in claim 173, wherein said job descriptions further include job-threshold requirements and said talent information includes talent-threshold requirements, and wherein said matching further comprises:

based on a comparison of said talent threshold requirements and said job-threshold requirements, matching said talent with said job descriptions when said job descriptions are compatible with said talent-threshold requirements.

175. The distributed network as set forth in claim 174, wherein said at least one association publishes an association newsletter, and wherein said career site affiliate policy requires certain actions to be carried out by said at least one association in order for said at least one association to remain in good standing with said career site, said certain actions including:

publicly endorsing said career site;

permitting use of a name of said at least one association in connection with advertisements of said career site;

promoting said career site to members of said at least one association in connection with an association member employment program;

providing said career site with advertising space in said association newsletter; and posting jobs associated with said at least one association to said career site.

176. A method for compensating at least one wholesaler for marketing a career site according to a career site wholesaler policy, said method comprising:

establishing at least one wholesaler account associated with said career site;

receiving job descriptions from employers, said employers associated with at least one association, said said association assigned to said wholesaler account;

receiving talent-information from talent, said talent associated with said association;

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matching said talent with said job descriptions; and paying a commission to said wholesaler based on said matching.

- 177. The method as set forth in claim 176, wherein said association includes at least one of a professional association, a trade association, a labor union, and a educational institution.
  - 178. The method as set forth in claim 176, wherein said job descriptions further include job-threshold requirements and said talent-information includes talent-threshold requirements, and wherein said matching further comprises:

based on a comparison of said talent-threshold requirements and said job-threshold requirements, matching said talent with said job descriptions when said job descriptions are compatible with said talent-threshold requirements.

179. The method as set forth in claim 176, wherein said career site wholesaler policy requires certain actions to be carried out by said wholesaler in order for said wholesaler to remain in good standing with said career site, said certain actions including at least one of: publicly endorsing said career site;

permitting use of a name of said wholesaler in connection with advertisements of said career site;

promoting said career site to said employers associated with said wholesaler; assisting said employers in listing employer jobs associated with said employers; posting wholesaler internal jobs associated with said wholesaler to said career site; and linking a website associated with said wholesaler to said career site.

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- The method as set forth in claim 176, wherein said commission is a flat amount or 180. a percentage amount.
- A computer system for automating a process of compensating at least one 181. wholesaler for promoting a career site, said computer system comprising:

a database containing wholesaler-information regarding at least one wholesaler account associated with said career site;

an interface operative to receive job descriptions from employers, said employers associated with at least one association, said association assigned to said wholesaler account;

wherein said interface is further operative to receive talent information from talent, said talent associated with at least one organization, said organization assigned to said wholesaler account;

matching said talent with said job descriptions; and paying a commission to said wholesaler based on said matching.

A distributed network for compensating at least one wholesaler for promoting a 182. career site, said distributed network comprising:

means for maintaining enterprise human resource data;

means for establishing at least one wholesaler account associated with said career site; means for receiving job descriptions from employers, said employers being associated with at least one association, said association assigned to said wholesaler account;

means for receiving talent information from talent, said talent being associated with at

descriptions;

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least one organization, said organization assigned to said wholesaler account;

means for matching said talent with said job descriptions; and

means for paying a commission to said wholesaler based on said matching.

183. A method for compensating at least one retailer for marketing a career site according to a career site marketing policy, said method comprising:

establishing at least one retailer account associated with said career site;

receiving employer account information associated with at least one employer account from at least one of said retailer and a secondary recruited retailer associated with said retailer, said employer account information including job

matching said talent with said job descriptions; and paying a commission to said retailer based on said matching.

- 184. The method as set forth in claim 183, wherein said retailer is compensated for recruiting said secondary recruited retailer by way of a multi-level-marketing system and wherein said secondary recruited retailer provides employer information regarding employers not subject to a preexisting commission agreement.
- 185. The method as set forth in claim 184, wherein said multi-level-marketing system includes successive levels consistent with local law.

186. A computer system for facilitating compensation of at least one retailer for marketing a career site according to a career site marketing policy, said computer system comprising:

a database containing information regarding at least one retailer account associated with said career site;

an interface operable to receive employer account information associated with at least one employer account from at least one of said retailer and a secondary recruited retailer associated with said retailer, said employer account assigned to said retailer, said employer account information including job descriptions; and

a payment processor operable to pay a commission to said retailer based on matching said job descriptions with a job candidate.

- 187. The computer system as set forth in claim 186, wherein said retailer is further compensated for recruiting said secondary recruited retailer by way of a multi-level-marketing system.
- 188. A distributed network for providing payments to at least one retailer for marketing a career site according to a career site marketing policy, said distributed network comprising:

  an enterprise database management system;

international payment system architecture;

means for establishing at least one retailer account associated with said career site;
means for receiving employer account information associated with at least one employer
account from at least one of said retailer and a secondary recruited retailer associated with said

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retailer, said employer account assigned to said retailer, said employer account information including job descriptions;

means for receiving talent-information from talent;

means for matching said talent with said job descriptions, said means for matching providing matching results; and

means for paying a commission to said retailer based on said matching results.

189. The distributed network as set forth in claim 188, wherein said means for paying further comprises:

means for further compensating said retailer for recruiting said secondary recruited retailer by way of a multi-level-marketing system.

190. A computer-readable medium containing instructions capable of causing a processor to perform a process for operating a career site, said career site including a talent database of talent résumés corresponding to a plurality of talent candidates and a database of job descriptions, said instructions comprising:

instructions operative to receive personal information associated with said talent résumés, said personal information including contact information;

instructions operative to receive career information regarding at least one desired career position of a candidate in said plurality of talent candidates, said career information formatted as structured data consistent with a format of said database of job descriptions;

instructions operative to receive experience information regarding said candidate, said experience information of relevance to prospective employers;

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instructions operative to receive at least one command to search from a talent-user; instructions operative to access desired job parameters associated with a desired job of said talent-user, and to access a talent profile, said talent profile including talent-threshold requirements;

instructions operative to identify target job descriptions, based on said desired job parameters and said talent profile, said target job descriptions having job-threshold requirements; and

instructions operative to compare said talent-threshold requirements to said job-threshold requirements, whereby a threshold comparison results;

instructions operative to determine whether at least one of said target job descriptions is compatible with said talent-threshold requirements, based on said threshold comparison, whereby at least one matched job-listing and candidate pair results;

instructions operative to establish at least one marketer account associated with a marketer of said career site; and

instructions operative to effect payment of a commission to said marketer based on an occurrence of said matched job-listing and candidate pair.

191. A distribution medium containing instructions capable of causing a processor to perform a process for operating computer system, said computer system including a talent database of talent résumés corresponding to a plurality of talent candidates and a database of job descriptions, said instructions comprising:

instructions operative to receive personal information associated with said talent résumés, said personal information including contact information;

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instructions operative to receive position information regarding at least one position associated with an employer instructions operative to receive experience information regarding a candidate;

instructions operative to receive a command to search from an initiating party;
instructions operative to match said target job descriptions with said talent résumés,
based on a threshold comparison; and

instructions operative to effect payment of a commission to a marketer based only on an occurrence of said match.

192. A method of providing employment services to at least one candidate in a plurality of talent-contributors, said method comprising:

receiving information from said candidate;

receiving job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

providing said candidate with said benefit identification.

193. The method as set forth in claim 192, wherein said benefit is chosen from incentive pay, health insurance, retirement account, dental insurance, continuing education, signing bonus, pension, on-site daycare, flex-time, free parking, relocation, paid vacation, and differential shift pay.

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194. A computer system for providing employment services to at least one candidate in a plurality of talent-contributors, said computer system comprising:

a first interface operable to receive information from said candidate;

a second interface operable to receive job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

an output device operable to provide at least one benefit indicator to said candidate, said benefit indicator associated with said benefit identification.

195. The computer system as set forth in claim 194, wherein said benefit indicator comprises a graphical icon.

196. A distributed network for providing employment services to at least one candidate in a plurality of talent-contributors, said distributed network comprising:

means for managing enterprise data associated with an employer;

candidate means for receiving candidate information from said candidate;

job means for receiving job description information associated with at least one job, wherein said job description information comprises at least one benefit identification associated with a benefit provided in connection with said job; and

means for providing at least one benefit indicator to said candidate, said benefit indicator associated with said benefit identification.

197. The computer system as set forth in claim 194, wherein said benefit indicator is provided in the form of an image object formatted in a page using the Hypertext Markup Language.



10/10/644

## ABSTRACT OF THE DISCLOSURE

Systems, methods, distributed networks, and computer-readable media are provided that relate to recruiting and employment services. Background information associated with talent-capability attributes is received from talent. Job description information is received from employers. Prospective matches are identified between employers and talent, and employers and talent are given an opportunity to consent to exchange of talent contact information.



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		Required)						

As a below named inventor, I hereby declare that:													
My residence, post office address, and citizenship are as stated below next to my name.													
names are listed below) of t	he subject matter w	hich is claimed and for v	which a patent is so	ought on the invention	nt invention (if plural n entitled:								
CAREER AND EMPLOYMENT SERVICES													
the specification of which													
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Prior Foreign Application		e inventor (if only one name is listed below) or an original, first and joint invention (if plural natter which is claimed and for which a patent is sought on the invention entitled:  ATUS AND METHODS FOR PROVIDING EER AND EMPLOYMENT SERVICES  (Title of the Invention) as United States Application Number or PCT Internationaland was amended on (MM/DD/YYYY)  understand the contents of the above identified specification, including the claims, as y referred to above.  rmation which is material to patentability as defined in 37 CFR 1.56.  under 35 U.S.C. 119(a)-(d) of any foreign application(s) for patent or inventor's certificate, lication which designated at least one country other than the United States of America, listed by checking the box, any foreign application for patent or inventor's certificate, or of any filing date before that of the application on which priority is claimed.  Foreign Filing Date Priority Certified Copy Attached?											
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# **DECLARATION** -- Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined n 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

available between the filling date of the prior applicati	ion and the national of 1 of internation	an initing date of this appropriate
U.S. Parent Application or PCT	Parent Filing Date	Parent Patent Number
Parent Number	(MM/DD/YYYY)	(if applicable)

[] Additional U.S. or PCT international application numbers are listed on a supplement priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the Practitioners at Customer Number 27526 to prosecute this application and to transact all business in the Patent and Trademark Office connects to the Patent

27526

[] Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

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Country	USA	Telephone	(816) 98	3-8000	Fax	(816) 983-8080							

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of fir	st Inventor:		[]	A petition has b	petition has been filed for this unsigned inventor						
	Given Name (first and	middle [if an	y])		Family 1	Name or Surname					
	Marc					Vianello					
Inventor's Signature	Man	-5ca	iell	0		Date 19/6	2				
Residence: City	Overland Park	State	KS	Country	USA	Citizenship	USA				
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City:	Overland Park	State	KS	Zip	66202	Country	USA				
[ ] Additiona	al inventors are being r	named on the	attached supp	lemental Additi	onal Inventor(s) s	heet(s) PTO/SB/02A at	tached				

[ ] Additional inventors are being named on the attached supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.







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Bib Data Sheet

**CONFIRMATION NO. 8626** 

SERIAL NUMB 10/101,644	ER	FILING DATE 03/19/2002 RULE	C	<b>CLASS</b> 705	GROI	2161 2163 3627  SHEETS TOTA CLAIM 197  P customer N  All Fees  1.16 Fees (Fitme)	ATTORNEY DOCKET NO. 15703.10002					
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# U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

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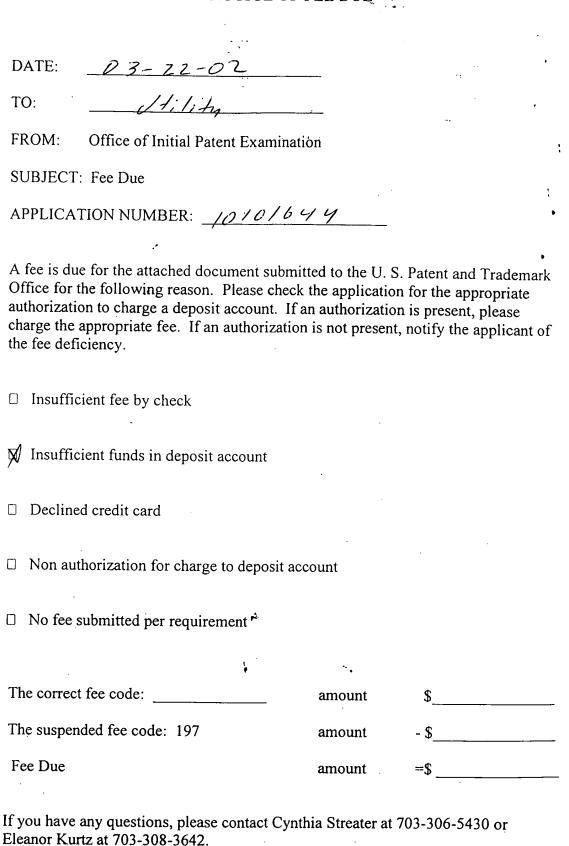
## PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001

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Monster Worldwide, Inc. Exhibit 1010 (p.1326/1328)

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