



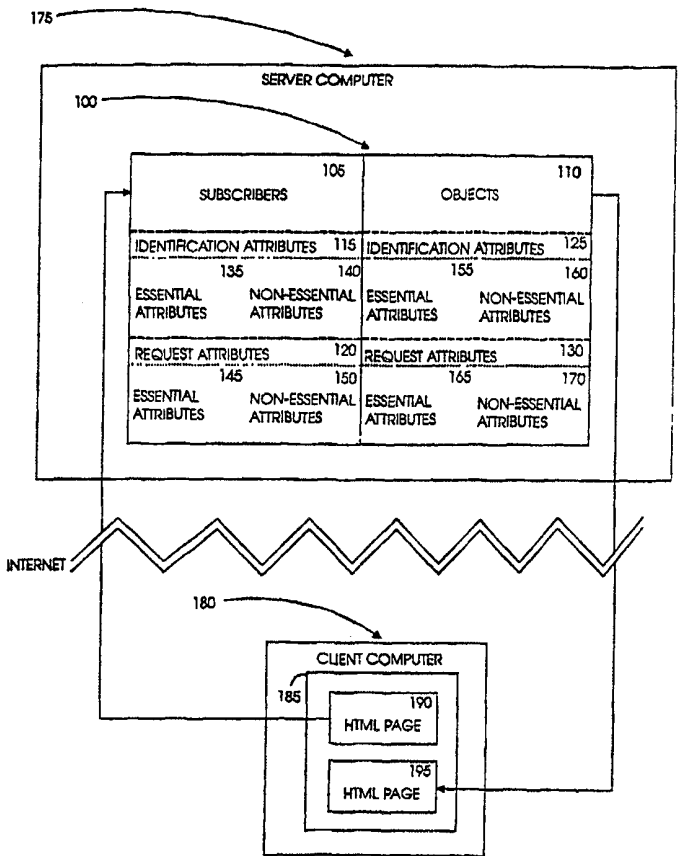
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<p>(21) International Application Number: PCT/IL00/00186</p> <p>(22) International Filing Date: 26 March 2000 (26.03.00)</p> <p>(30) Priority Data: 09/277,321 26 March 1999 (26.03.99) US</p> <p>(71) Applicant (for all designated States except US): TARGET-MATCH LTD. [IL/IL]; Rothschild Boulevard 86A, 65787 Tel Aviv (IL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): LITVAK, Muly [IL/IL]; Rothschild Boulevard 86A, 65787 Tel Aviv (IL). LEVY, Anat [IL/IL]; Budenheimer Street 11, 62008 Tel Aviv (IL).</p> <p>(74) Agents: COLB, Sanford, T. et al.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).</p>		<p>(81) 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, 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, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>

(54) Title: MULTI-LINGUAL ON-LINE OBJECT MATCHING

(57) Abstract

A method and system for on-line interactive object matching (110), including entering subscriber data (105) into a subscriber database by means of a form page, using a first language, the subscriber database storing subscriber data (105), the subscriber data (105) including subscriber identification attributes (115 and 125) and subscriber request attributes (120 and 130), searching an object database to find data for at least one candidate object (110) within the object database, the object database storing object data, the object including object identification attributes (115 and 125) and object request attributes (120 and 130), and the at least one candidate object being characterized in that its identification attributes (115 and 125) at least partially match corresponding subscriber request attributes (120 and 130), and displaying the at least one candidate object by means of a form page, using a second language.



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Multi-Lingual On-Line Object Matching

FIELD OF THE INVENTION

5 The present invention relates to matching of objects within databases.

BACKGROUND OF THE INVENTION

The following patents have been found in a U.S. patent search and are believed to be generally relevant to the field of the invention:

10 US4,566,078; US4,595,980; US4,615,002; US4,658,370; US4,787,035; US4,885,689;
 US4,905,138; US4,916,610; US5,148,541; US5,157,606; US5,257,185; US5,278,980;
 US5,307,265; US5,319,745; US5,412,712; US5,416,903; US5,426,583; US5,434,776;
 US5,442,782; US5,453,761; US5,493,606; US5,504,902; US5,511,199; US5,523,946;
 US5,557,798; US5,565,908; US5,570,134; US5,583,761; US5,606,700; US5,623,657;
 15 US5,634,066; US5,680,628; US5,715,466; US5,721,939; US5,751,957; US5,778,213;
 US5,778,356; US5,784,069; US5,784,071; US5,787,386; US5,787,410; US5,793,381;
 US5,794,218; US5,799,308; US5,802,511; US5,805,719; US5,815,710; US5,819,303;
 US5,826,250; US5,835,912; US5,838,812; US5,848,419; US5,860,010; US5,864,864;
 US5,867,811; US5,870,605; US5,870,723; US5,873,070; US5,873,084; US5,077,665;
 20 US5,197,005; US5,206,949; US5,210,868; US5,251,131; US5,297,039; US5,379,366;
 US5,404,295; US5,404,507; US5,410,692; US5,428,778; US5,454,106; US5,473,146;
 US5,535,118; US5,561,793; US5,577,241; US5,600,829; US5,659,731; US5,727,197;
 US5,778,344; US5,794,231; US5,819,291; US5,822,743; US5,832,474; US5,870,741;
 WO09717663A1; WO09726614A1; WO09718516A1;
 25 EP00669021A1; EP00762299A1; EP00829053A1; EP00875034A1; EP00388148B1;
 EP00121071A2; EP00333612A2; EP00376316A2; EP00887748A2; EP00333612A3;
 EP00376316A3; EP00388148A3;

SUMMARY OF THE INVENTION

30 The present invention provides methods and systems for multi-lingual on-line match-making, over the Internet. When used in connection with dating services, the present invention can be used to match multi-national subscribers to one another, by

finding candidate matches for each subscriber. When used in connection with employment services, the present invention can be used to match multi-national job openings with people seeking employment.

5 The present invention enables people of different nationalities to use a common version of a match-making application in their native tongues. The present invention obviates the need to use multiple localized versions of such an application, and integrate multiple databases.

10 There is thus provided in accordance with a preferred embodiment of the present invention a method for on-line interactive object matching, including entering subscriber data into a subscriber database by means of a form page, using a first language, the subscriber database storing subscriber data, the subscriber data including subscriber identification attributes and subscriber request attributes, searching an object database to find data for at least one candidate object within the object database, the object database storing object data, the object data including object identification attributes and object request attributes, and the at least one candidate object being characterized in that its identification attributes at least partially match corresponding subscriber request attributes, and displaying the at least one candidate object by means of a form page, using a second language.

20 There is further provided in accordance with a preferred embodiment of the present invention a system for on-line interactive object matching, including a data acquisition unit acquiring subscriber data within a subscriber database by means of a form page, using a first language, the subscriber database storing subscriber data, the subscriber data including subscriber identification attributes and subscriber request attributes, a database search engine searching an object database to find data for at least one candidate object within the object database, the object database storing object data, the object data including object identification attributes and object request attributes, and the at least one candidate object being characterized in that its identification attributes at least partially match corresponding subscriber request attributes, and a display device displaying the at least one candidate object by means of a form page, using a second language.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be more fully understood and appreciated from the following detailed description, taken in conjunction with the drawings in which:

5 Figure 1 is a simplified illustration of a language-independent database, used in a preferred embodiment of the present invention;

Figure 2 is a simplified illustration of a database search engine that finds candidate objects for subscribers in accordance with a preferred embodiment of the present invention; and

10 Figure 3 is a simplified illustration of a multi-lingual on-line object matching system operative in accordance with a preferred embodiment of the present invention.

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