



REEDFAX[®]
THE PATENT CONNECTION[®]

NOW THAT'S SERVICE!



United States Patent File History

Tab Listings

- A. References (if applicable)
 - A1-U.S. References
 - A2-Foreign References
- B. Jacket (face of file, contents flap, index of claims, PTO 270, searched)
- C. Printed Patent
- D. Specification (serial no. Sheet, abstract, specification, claims)
- E. Oath
 - E1-Small Entity Status (if applicable)
- F. Drawing Figures (if applicable)
- G. USPTO/Applicant Correspondence
- H. Original Patent Application (in cases of FWC)

Supplied by:

REEDFAX

7 Walnut Grove, Horsham, PA 19044

Customer Service: 1-800-422-1337 or 215-441-4768

Fax: 1-800-421-5585 or 215-441-5463

www.reedfax.com
email@reedfax.com

3551 U.S. PTO
09/189626



345	Subclass
339	Class
ISSUE CLASSIFICATION	

PATENT NUMBER
6323853

6323853

U.S. UTILITY PATENT APPLICATION

① <i>Dud</i>	O.I.P.E.	PATENT DATE
SCANNED <i>MH</i>	Q.A. <i>KB</i>	NOV 27 2001

SECTOR	CLASS <i>345</i>	SUBCLASS <i>339</i>	ART UNIT <i>2793</i>	EXAMINER <i>Crescette</i>
--------	---------------------	------------------------	-------------------------	------------------------------

FILED WITH: DISK (CRF) FICHE
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION			
ORIGINAL		CROSS REFERENCE(S)	
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
345	339	345	968
INTERNATIONAL CLASSIFICATION		707	530
G 0 6 F	17 / 00		

Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <i>17</i>	Figs. Drwg. <i>16</i>	Print Fig. <i>1A+B</i>	Total Claims <i>79</i>	Print Claim for O.G. <i>1</i>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<input type="checkbox"/> (Assistant Examiner) _____ (Date) _____			NOTICE OF ALLOWANCE MAILED	
	<i>Crescette N. della Torre</i> <i>1/2/01</i> (Primary Examiner) (Date)			Amount Due <i>620.00</i>	Date Paid <i>04/04/01</i>
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	(Legal Instruments Examiner) _____ (Date) _____			ISSUE BATCH NUMBER <i>A29</i>	

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 6/98)

Formal Drawings (*17* sheets) set _____

ISSUE FEE IN FILE

(LABEL AREA)

PATENT APPLICATION



09 189626

PTO
09/18/98
11/10/98

INITIALS 6

NOV 20 9 04 5

CONTENTS

	Date received (Incl. C. of M.) or Date Mailed	Date received (Incl. C. of M.) or Date Mailed
1. Application papers.		
2. <i>Spec. Dec. papers</i>	12-4-99	
3. <i>Response</i>	1-11-99	
4. <i>DDI WTRP</i>	3-24-99	
5. <i>Pre Amdt A</i>	4-29-99	
6. <i>Sub. Declaration</i>	5-26-99	
7. <i>Req. 3 mos.</i>	4-25-00	
8. <i>Refund Request</i>	4-27-00	
9. <i>Interview Summary</i>	6-14-00	
10. <i>Amdt B</i>	2-25-00	
11. <i>Final Req. 3 mos</i>	9-18-00	
12. <i>Interview Summary</i>	10-17-00	
13. <i>Amdt C</i>	12/18/00	
14. <i>Allowability</i>	1/4/01	
15. <i>Priority Papers</i>	4/4/01	
16. <i>Notice of Allow</i>	9/7/01	
17. <i>Notice of Allowability</i>	10/2/01	
18. <i>Revoc / POA</i>	8-29-01	
19. <i>Notice of Revoc / Accept</i>	10-10-01	
20. <i>Drawings L 17</i>	4-4-01	
21.		
22.		
23.		
24.		
25.		
26.		
27.		
28.		
29.		
30.		
31.		
32.		
33.		
34.		
35.		
36.		
37.		
38.		
39.		
40.		
41.		
42.		
43.		
44.		
45.		
46.		
47.		
48.		
49.		
50.		
51.	6	
52.		
53.		
54.		
55.		
56.		
57.		
58.		
59.		
60.		
61.		
62.		
63.		
64.		
65.		
66.		
67.		
68.		
69.		
70.		
71.		
72.		
73.		
74.		
75.		
76.		
77.		
78.		
79.		
80.		
81.		

SEARCHED

Class	Sub.	Date	Exmr.
345	326 333 335 336 339 347 348 368	4/17/00	End
707	1 3 500 503 505 507 530		
Update Search	Search Above Subclasses	9/13/00	End
345	354 356	9/13/00	End
707	501 513 515	9/14/00	End
Update Search	Search Above Subclasses	1/2/01	End

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
345	326 336 339 348	1/2/01	End
707	1 3 500 530		

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	Date	Exmr.
USPAT Text Search	4/17/00	End
Terms Listed Inside	9/13/00	End
	1/2/01	End
DIALOG Search	1/2/01	End
Terms Listed Inside		

(12) **United States Patent**
Hedloy

(10) **Patent No.: US 6,323,853 B1**
 (45) **Date of Patent: Nov. 27, 2001**

(54) **METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM**

(75) Inventor: **Atle Hedloy**, Stabekk (NO)

(73) Assignee: **Arendi AS**, Stabekk (NO)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

5,724,597	*	3/1998	Cuthbertson et al.	707/531
5,732,229	*	3/1998	Dickinson	345/334
5,761,656		6/1998	Ben-Shachar	707/4
5,799,302	*	8/1998	Johnson et al.	707/7
5,805,886		9/1998	Skarbo et al.	709/318
5,826,257		10/1998	Snelling, Jr.	707/4
5,835,089		11/1998	Skarbo et al.	345/335
5,859,636		1/1999	Pandit	345/335
5,873,107	*	2/1999	Borovoy et al.	707/501
6,026,398	*	2/2000	Brown et al.	707/5
6,085,201	*	7/2000	Tso	707/505

* cited by examiner

(21) Appl. No.: **09/189,626**

(22) Filed: **Nov. 10, 1998**

(30) **Foreign Application Priority Data**

Sep. 3, 1998 (NO) 984066

(51) **Int. Cl.**⁷ **G06F 17/00**

(52) **U.S. Cl.** **345/339; 345/968; 707/530**

(58) **Field of Search** 345/326, 333, 345/335, 336, 339, 347, 348, 968, 354, 356; 707/1, 3, 500, 503, 505, 507, 530, 501, 513, 515

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,226,117	7/1993	Miklos	345/356
5,331,555	7/1994	Hashimoto et al.	707/531
5,416,901	5/1995	Torres	345/348
5,491,783	2/1996	Douglas et al.	345/335
5,491,784	2/1996	Douglas et al.	345/352
5,500,859	3/1996	Sharma et al.	370/468
5,530,853	6/1996	Schell et al.	701/1
5,546,447	8/1996	Skarbo et al.	379/142
5,606,712	2/1997	Iidaka	712/1
5,640,565	6/1997	Dickinson	707/103
5,666,502	9/1997	Capps	345/352
5,708,804	1/1998	Goodwin et al.	707/3

Primary Examiner—Crescelle N. dela Torre
 (74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

(57) **ABSTRACT**

A method, system and computer readable medium for providing for providing a function item, such as a key, button, icon, or menu, tied to a user operation in a computer, whereby a single click on the function item in a window or program on a computer screen, or one single selection in a menu in a program, initiates retrieval of name and addresses and/or other person or company related information, while the user works simultaneously in another program, e.g., a word processor. The click on the function item initiates a program connected to the button to search a database or file available on or through the computer, containing the person, company or address related data, in order to look up data corresponding to what the user types, or partly typed, e.g., name and/or address in the word processor, the correct data from the database, data related to the typed data, e.g., the name of the person, company, or the traditional or electronic address, or other person, or company, or address related data, and alternatively the persons, companies, or addresses, are displayed and possibly entered into the word processor, if such related data exists.

79 Claims, 17 Drawing Sheets

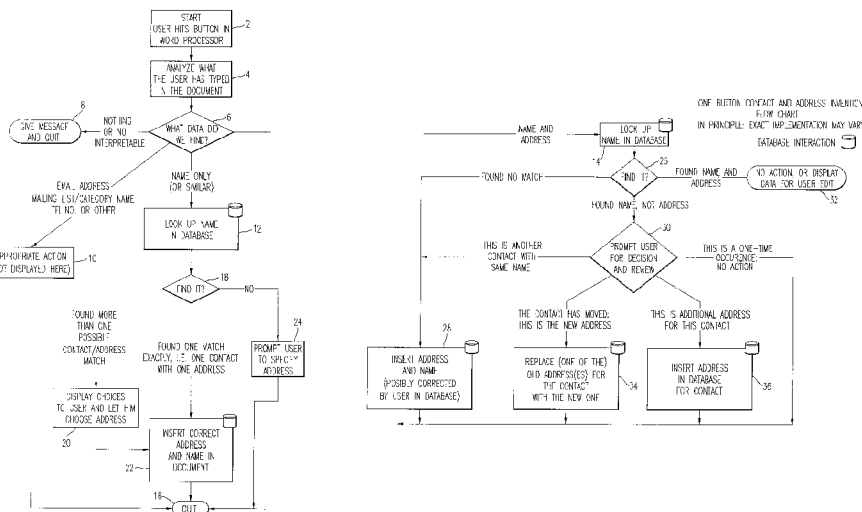
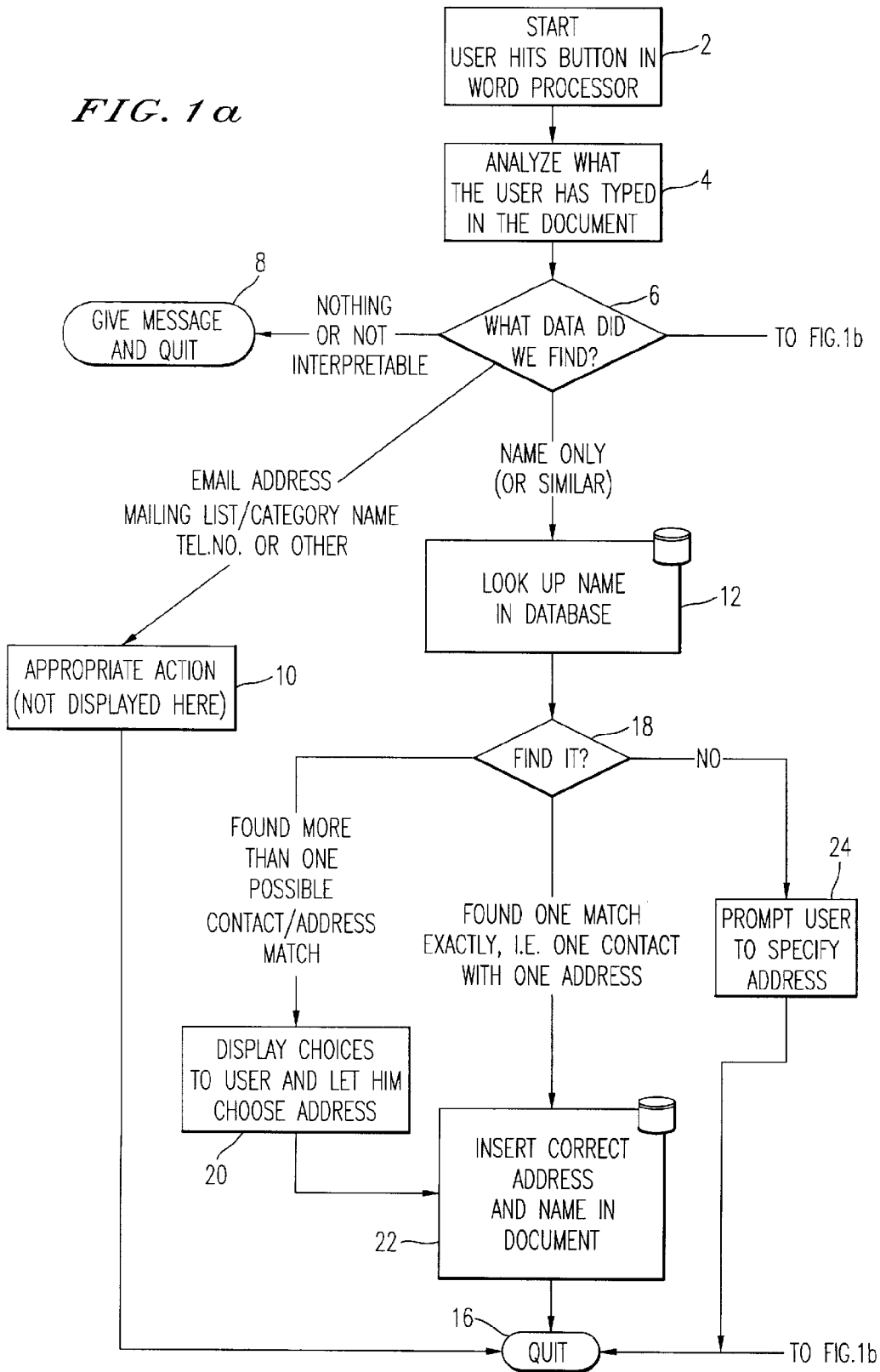


FIG. 1a



ONE BUTTON CONTACT AND ADDRESS INVENTION
FLOW CHART
IN PRINCIPLE: EXACT IMPLEMENTATION MAY VARY
DATABASE INTERACTION:

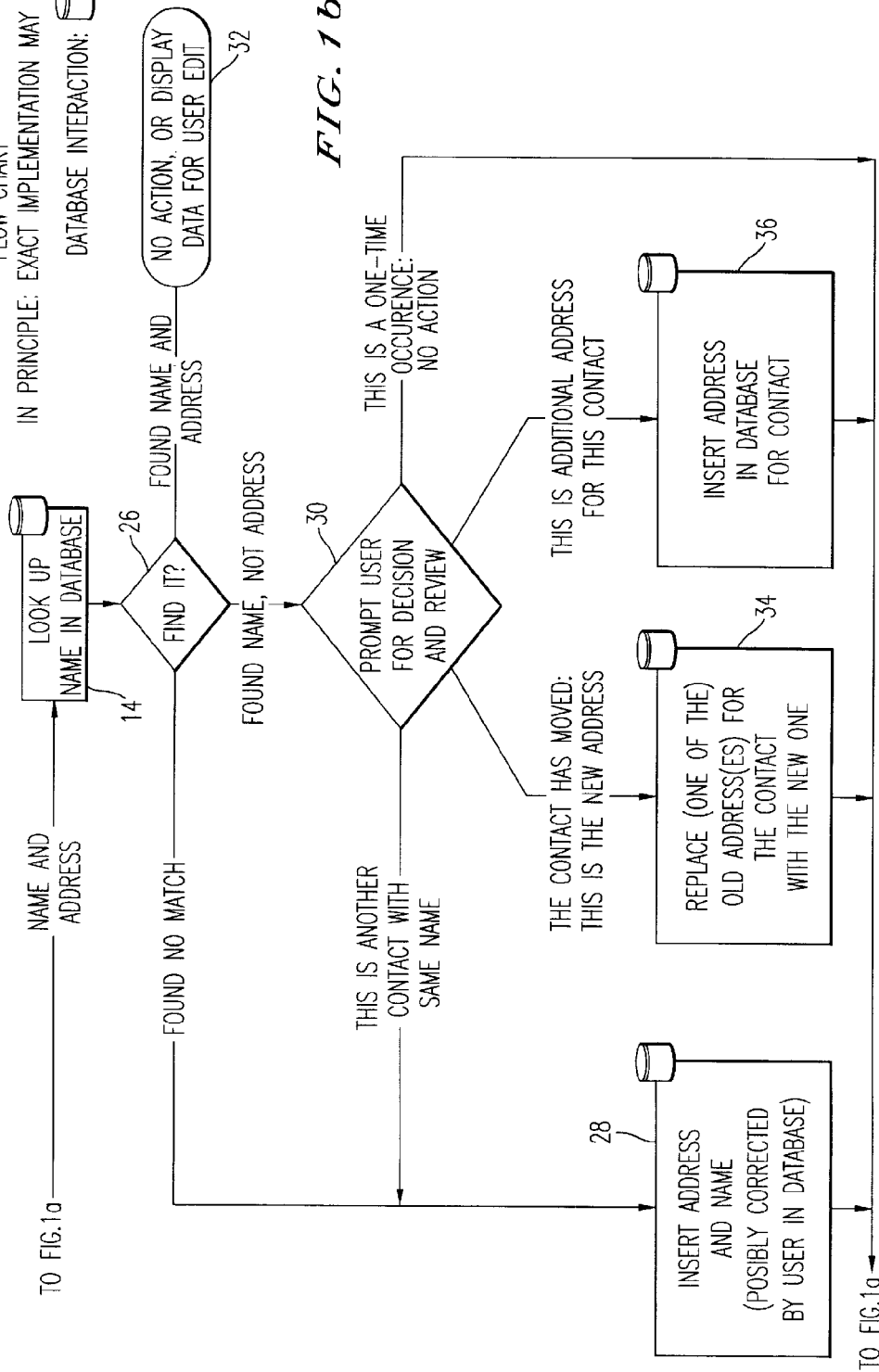


FIG. 1b

FIG. 2a

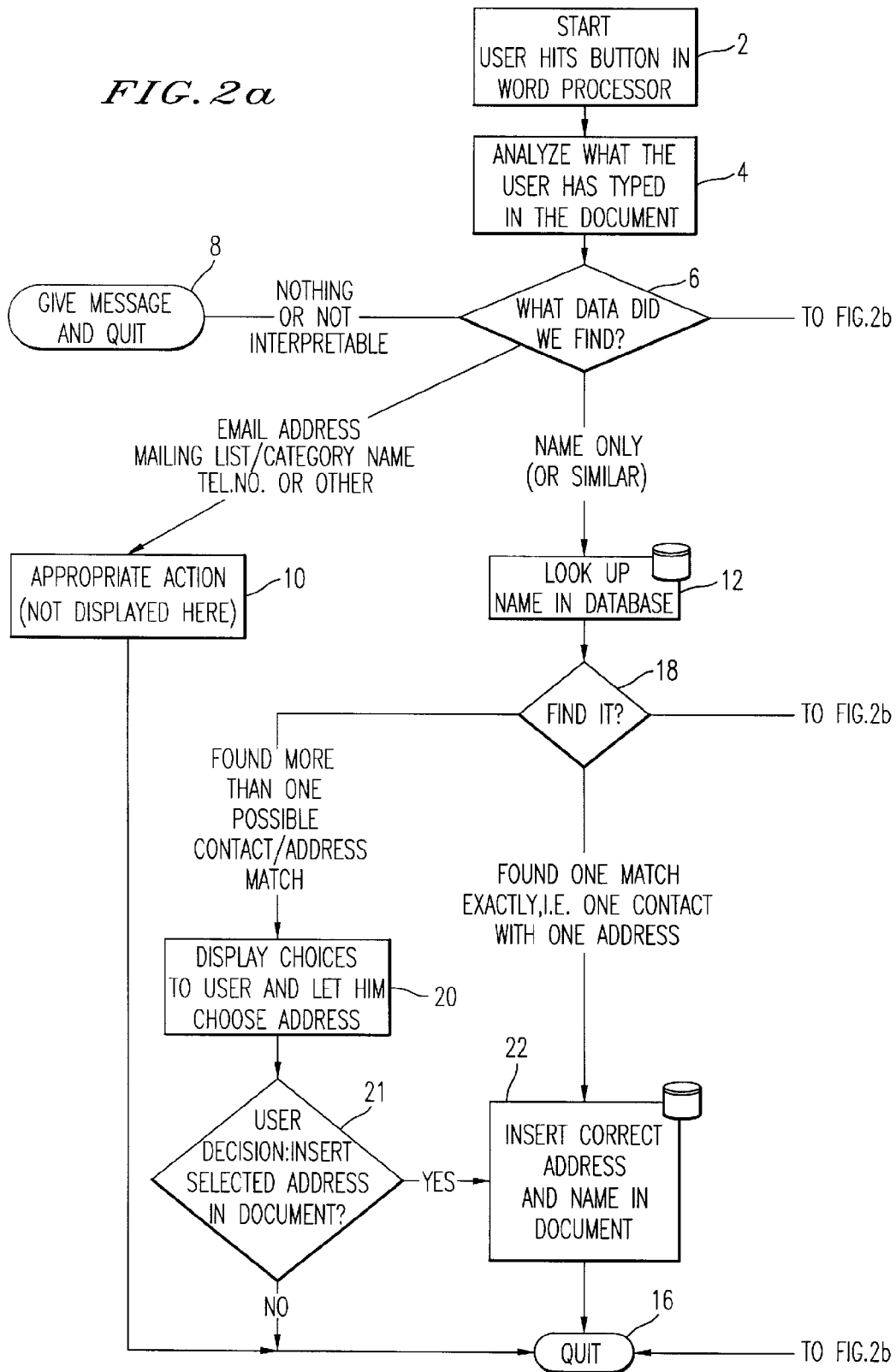


FIG. 3

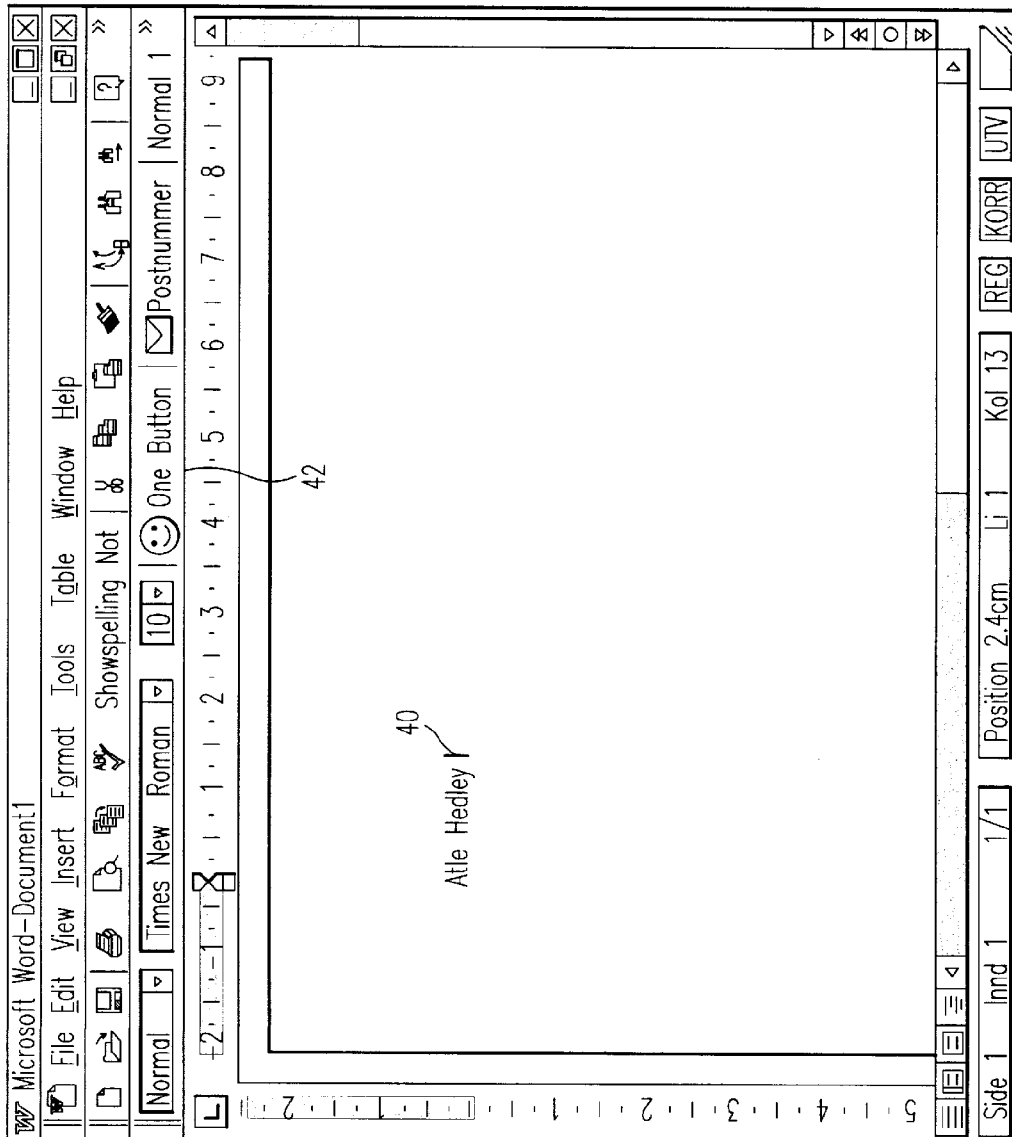


FIG. 4

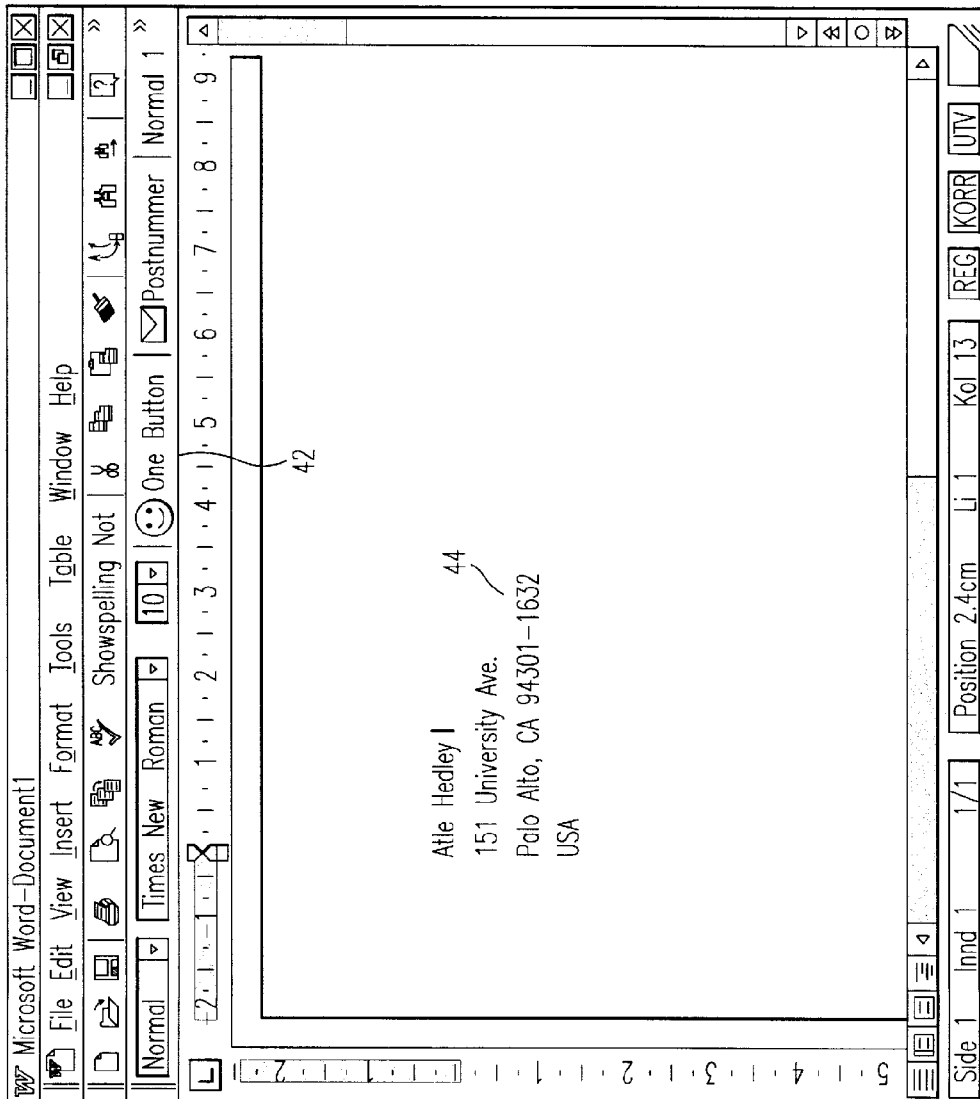


FIG. 5

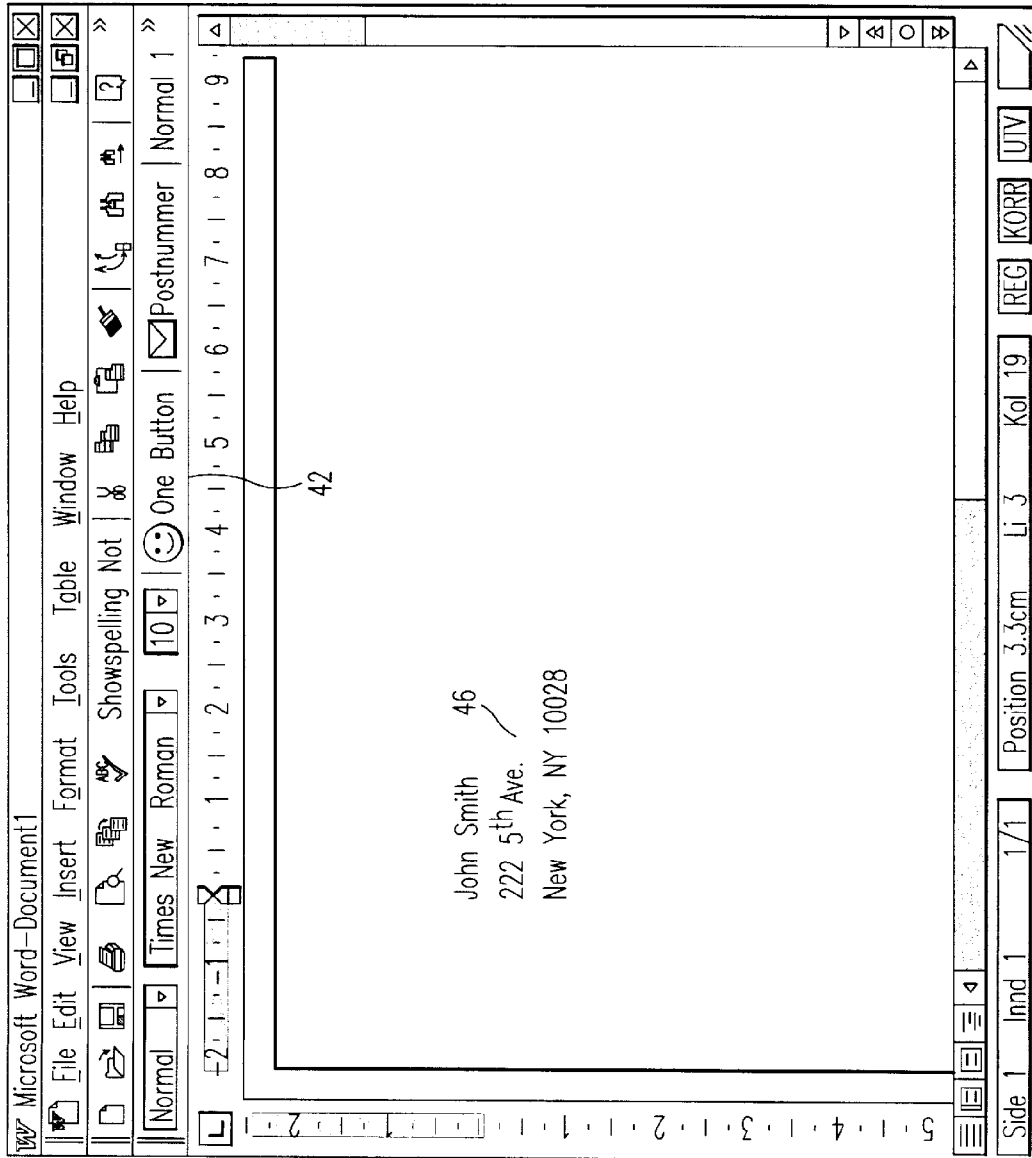


FIG. 6

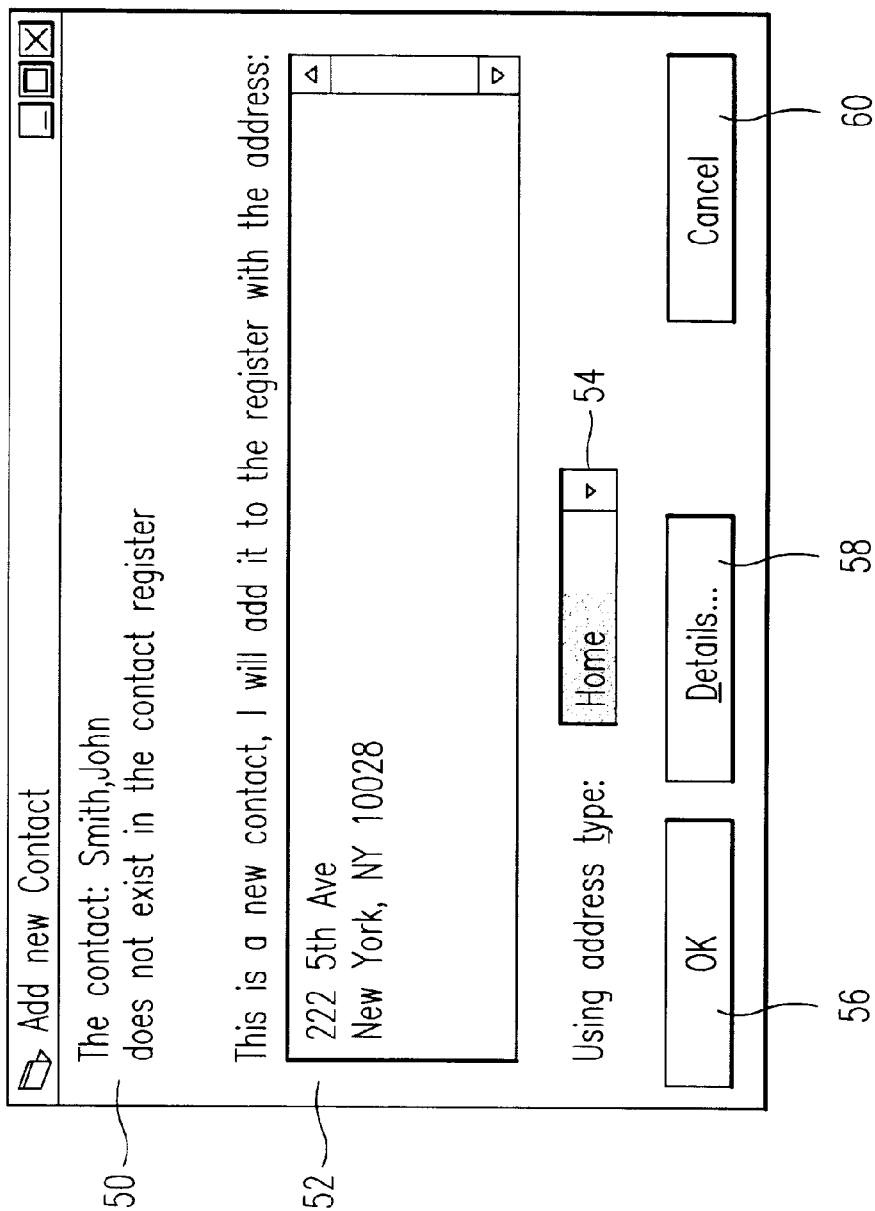


FIG. 7

The image shows a screenshot of a software window titled "Arendi OneButton Contact Register". The window contains a contact form with the following fields and controls:

- Name:** A dropdown menu (62) with a downward arrow.
- Title:** A text input field containing "John".
- First:** A text input field containing "Smith".
- Middle:** A text input field.
- Last:** A text input field.
- Suffix:** A dropdown menu (64) with a downward arrow.
- Company:** A text input field.
- Address type:** A dropdown menu (54) with a downward arrow, currently set to "Home".
- Street:** A text input field containing "222 5th Ave.".
- City:** A text input field containing "New York".
- State/Province:** A text input field containing "NY".
- Zip/Postal code:** A text input field containing "10028".
- Country:** A dropdown menu with a downward arrow.
- Buttons:** "Add and Choose" (66), "Options..." (66), and "Cancel" (60).
- Status Bar:** Displays the text "Dette er en test".

FIG. 8

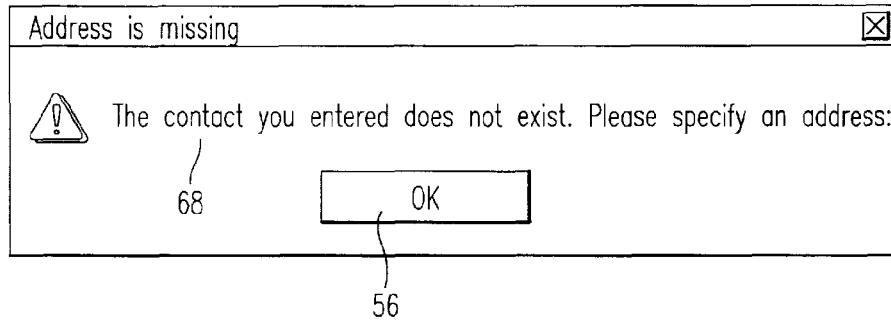


FIG. 9

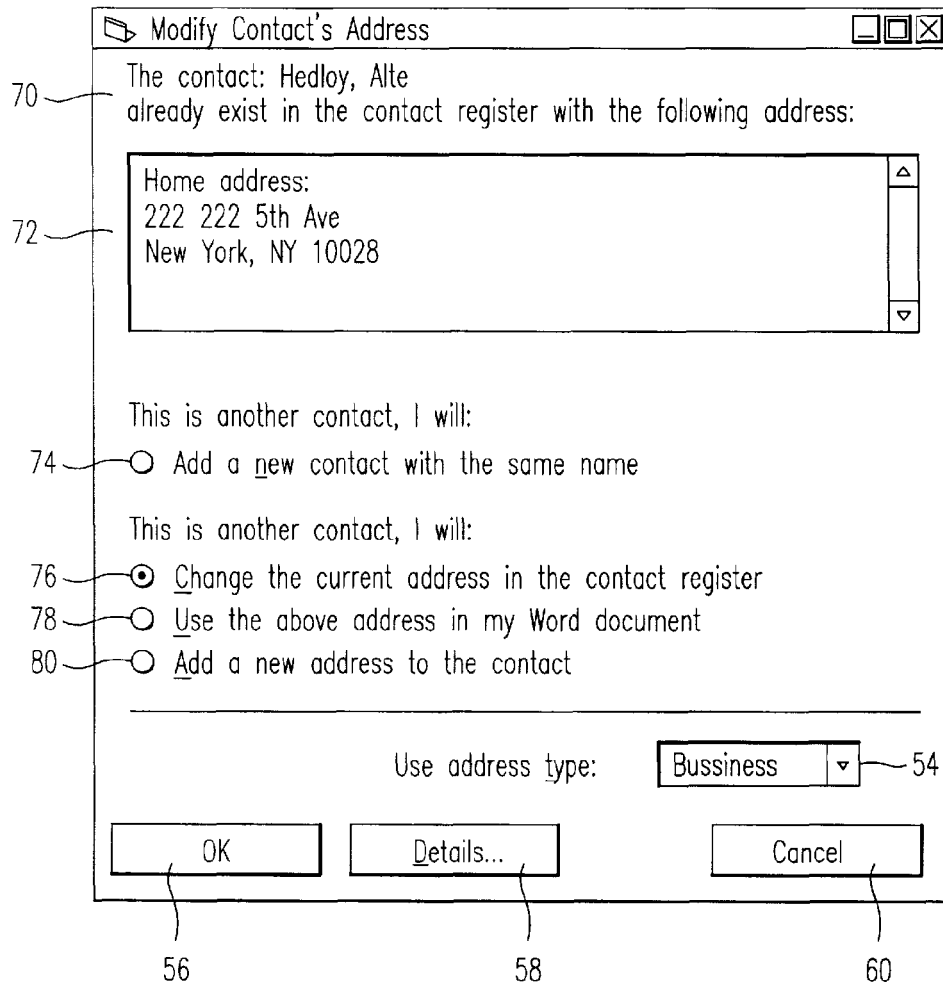


FIG. 10

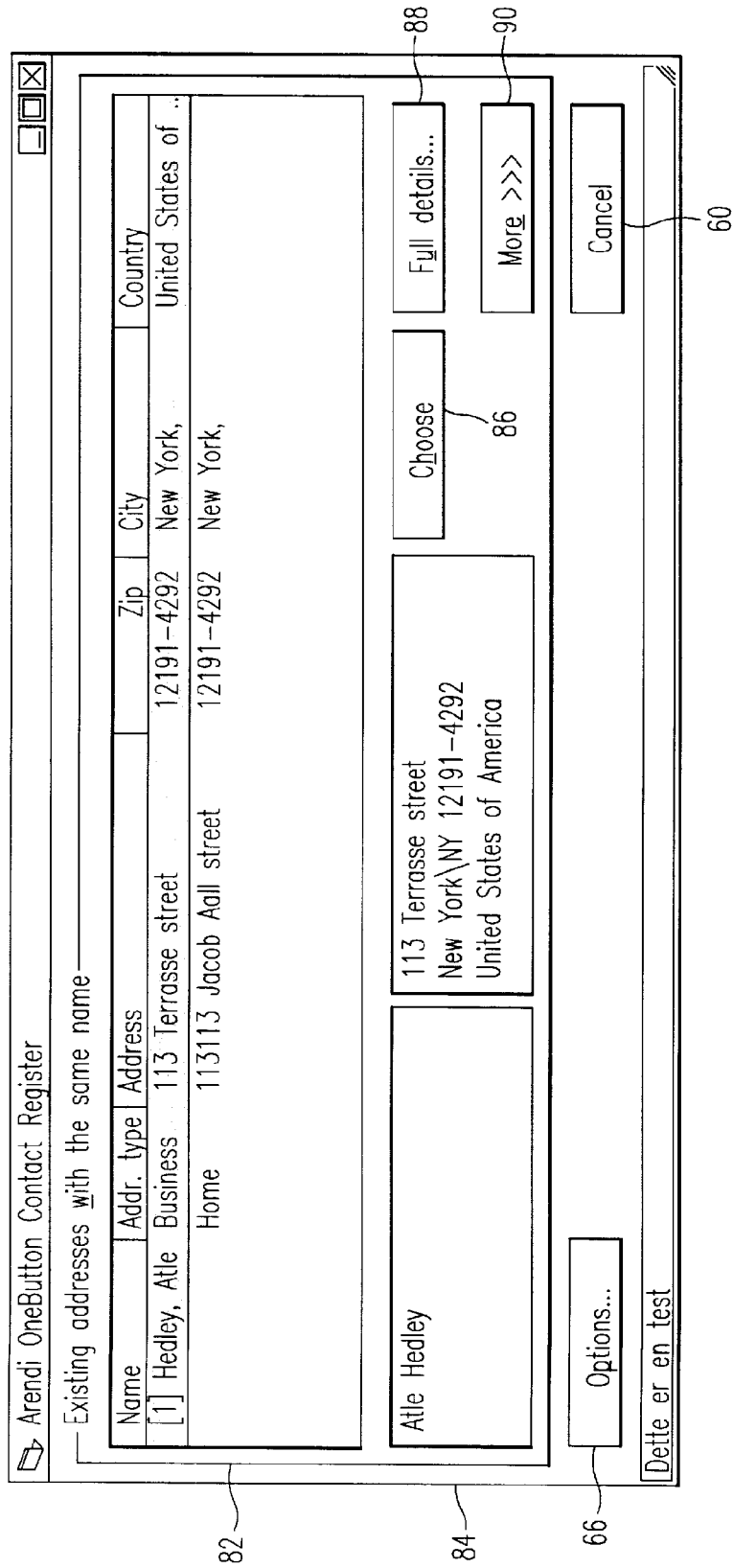


FIG. 11

The figure illustrates a software interface for managing contact addresses, divided into three main sections:

- Existing addresses (82):** A table listing contacts with columns for Name, Address type, Address, Zip, City, and Country. The first entry is "Atle Hedley" with a "Home" address type and address "113 Terrasse street, New York NY 12191-4292, United States of America".
- Address details (84):** A detailed view of the selected address, showing the name "Atle Hedley" and the full address: "113 Terrasse street, New York NY 12191-4292, United States of America". It includes a "Choose" button (86) and a "Full details..." button (88).
- Add address form (60):** A form to add a new address. It includes fields for Name, Title, First, Middle, Last, Suffix, and Company. The "Address type" is set to "Home" (54). The address fields are populated with "151 University Ave.", "Palo Alto", "CA", "94301-1632", and "USA". A "Add and Choose" button (64) is present. Below the form is an "Options..." button (66) and a "Cancel" button (60).

FIG. 12

The image shows a screenshot of a contact management application window titled "Atle Hedley - Contact". The window has a menu bar with "File", "Edit", "View", "Insert", "Format", "Tools", "Contact", and "Help". Below the menu bar is a toolbar with icons for "Save and Close", "Print", "Find", "Add", "Remove", and "Help". The main content area is divided into several sections:

- General** (selected):
 - Full Name ...**: Atle Hedley
 - Company:** Hedley, Atle
 - Job title:** [Empty]
 - File as:** Hedley, Atle
 - Address...**: 113 Terrasse street, New York, NY 12191-4292, United States of America
 - Business** (dropdown): Business
 - Home** (dropdown): Home
 - Business Fax** (dropdown): Business Fax
 - Mobile** (dropdown): Mobile
 - This is the mailing address
 - E-mail** (dropdown): [Empty]
 - Web page:** [Empty]
- Categories...**: [Empty]
- Private** (checkbox):

Reference numerals 94, 96, 98, 100, 102, and 104 are placed at the bottom of the page, pointing to the menu bar, the main content area, the address field, the E-mail field, the categories field, and the private checkbox respectively.

FIG. 13

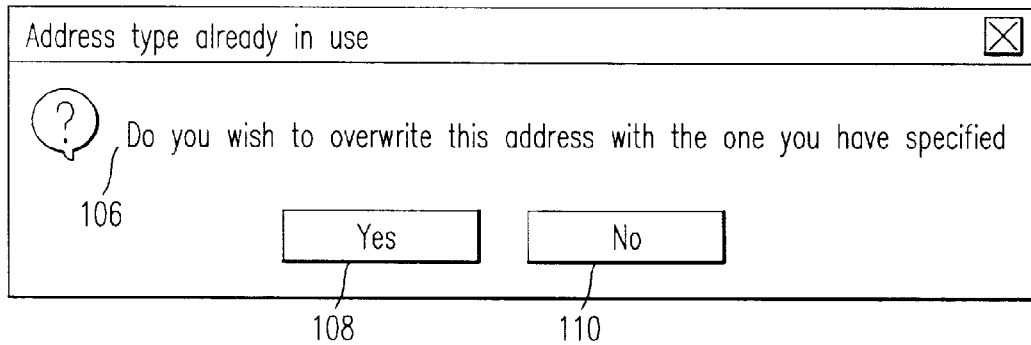
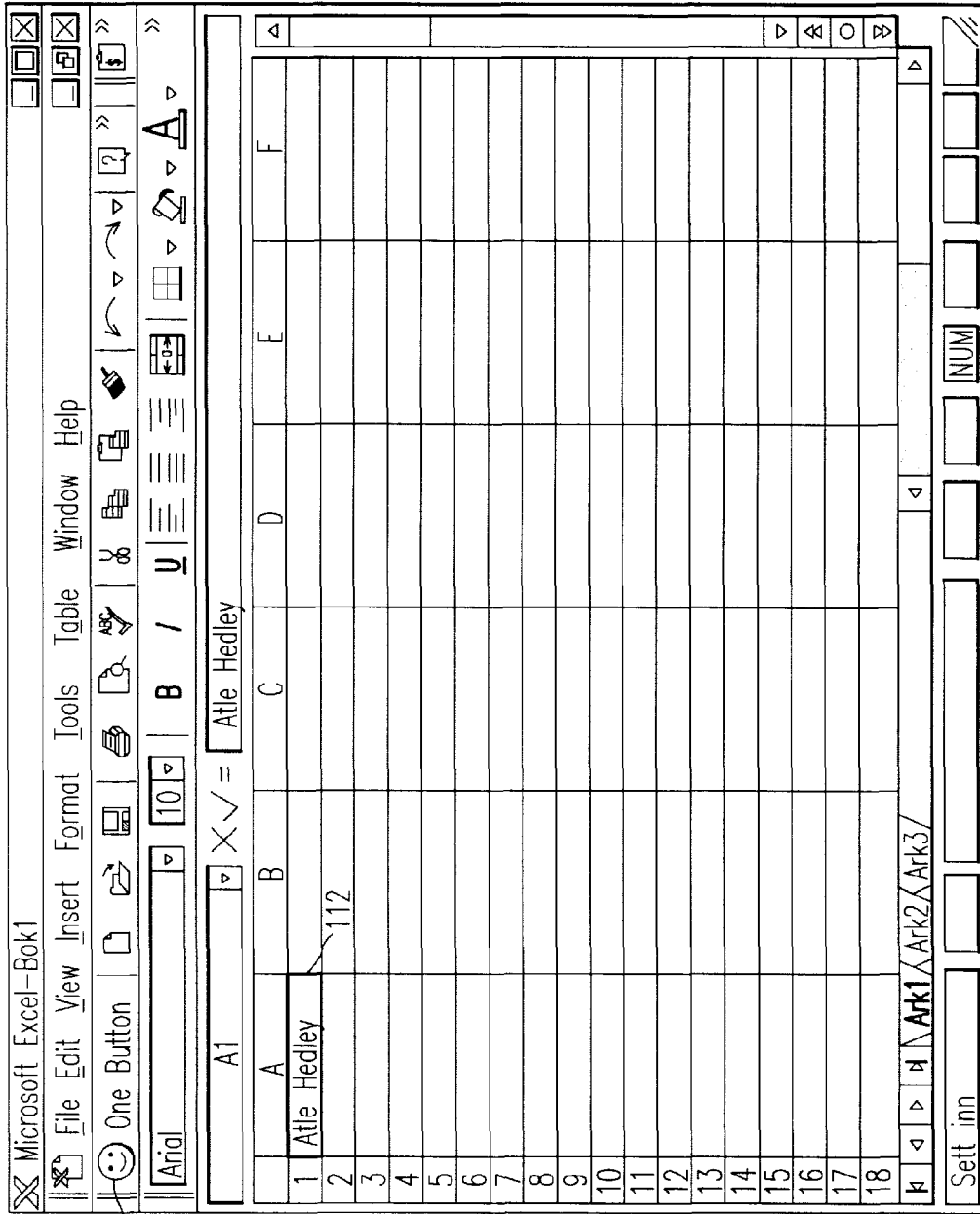
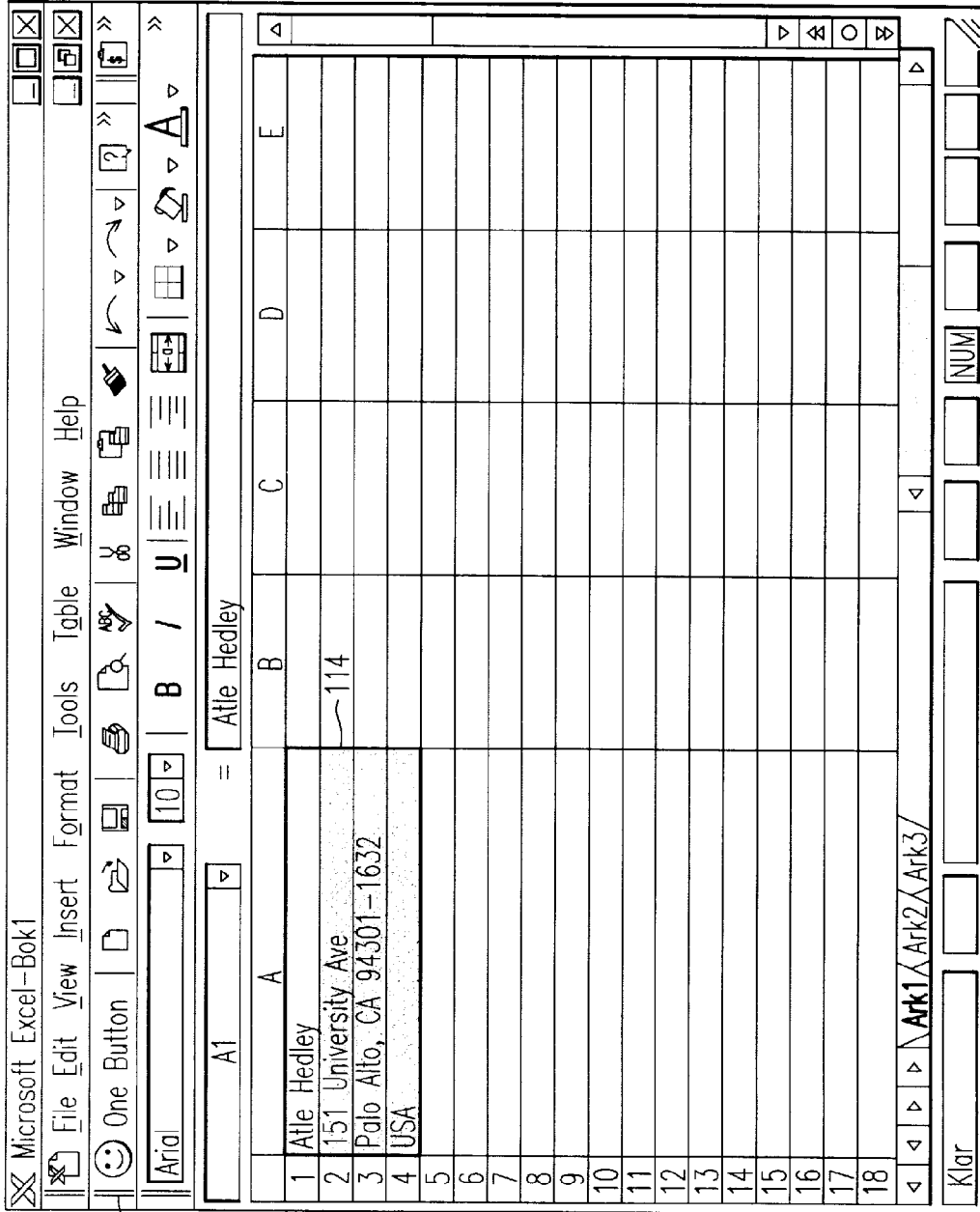


FIG. 14



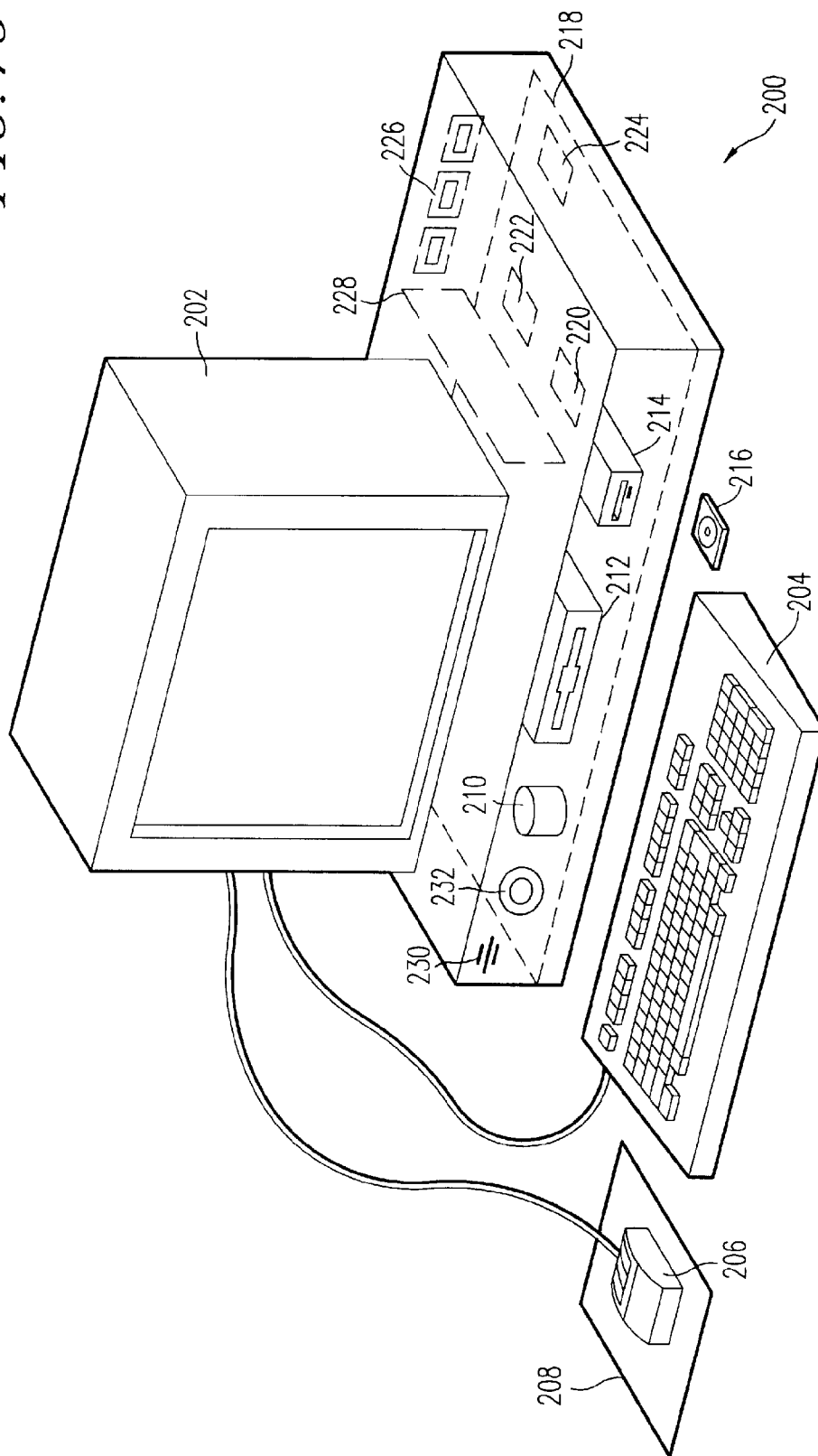
42

FIG. 15



42

FIG. 16



**METHOD, SYSTEM AND COMPUTER
READABLE MEDIUM FOR ADDRESSING
HANDLING FROM A COMPUTER
PROGRAM**

BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention relates to a method, system and computer readable medium for name and address handling (hereinafter called "address handling"), and more particularly to a touch screen, keyboard button, icon, menu, voice command device, etc. (hereinafter called "button") provided in a computer program, such as a word processing program, spreadsheet program, etc., and coupled to an information management source for providing address handling within a document created by the computer program.

2. Discussion of the Background

In recent years, with the advent of programs, such as word processors, spreadsheets, etc. (hereinafter called "word processors") users may require retrieval of information, such as name and address information, etc., for insertion into a document, such a letter, fax, etc., created with the word processor. Typically, the information is retrieved by the user from an information management source external to the word processor, such as a database program, contact management program, etc., or from the word processor itself, for insertion into the document. Examples of such word processors are WORD™, NOTEPAD™, EXCEL™, WORDPAD™, WORDPERFECT™, QUATROPRO™, AMIPRO™, etc., and examples of such information management sources are ACCESS™, OUTLOOK™, ORACLE™, DBASE™, RBASE™, CARDFILE™, etc.

However, the information in the database must constantly be updated by the user. This requires the user to learn how to use and have access to the database. In this case, a change in the information, such as change in an address or a name, etc., requires the user of the word processor to implement this change in the database, or alternatively, the change is made to the database centrally by a database administrator.

SUMMARY OF THE INVENTION

Accordingly, an object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program.

Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc.

Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc., using an input device provided in the computer program.

Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc., using an input device, such as a touch screen, keyboard button, icon, menu, voice command device, etc., provided in the computer program and coupled to an information management source.

Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc., using an input device, such as a touch screen, keyboard button, icon, menu,

voice command device, etc., provided in the computer program and coupled to an information management source, such as a database program, contact management program, etc.

The above and other objects are achieved according to the present invention by providing a novel method, system and computer readable medium for providing a function item, such as a key, button, icon, or menu, tied to a user operation in a computer, whereby a single click on the function item in a window or program on a computer screen, or one single selection in a menu in a program, initiates retrieval of name and addresses and/or other person or company related information, while the user works simultaneously in another program, e.g., a word processor. The click on the function item initiates a program connected to the button to search a database or file available on or through the computer, containing the person, company or address related data, in order to look up data corresponding to what the user types, or partly typed, e.g., name and/or address in the word processor, the correct data from the database, data related to the typed data, e.g., the name of the person, company, or the traditional or electronic address, or other person, or company, or address related data, and alternatively the persons, companies, or addresses, are displayed and possibly entered into the word processor, if such related data exists.

The present invention also includes a computer readable medium storing program instructions by which the method of the invention can be performed when the stored program instructions are appropriately loaded into a computer, and a system for implementing the method of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

A more complete appreciation of the invention and many of the attendant advantages thereof will be readily obtained as the same becomes better understood by reference to the following detailed description when considered in connection with the accompanying drawings wherein:

FIG. 1 is a flow chart illustrating a method for address handling within a computer program, according to an exemplary embodiment of the present invention;

FIG. 2 is a flow chart illustrating a method for address handling within a computer program, according to another exemplary embodiment of the present invention;

FIG. 3 is a screen shot illustrating the inputting of a name to be searched and an address handling button within a word processor, according to an exemplary embodiment of the present invention;

FIG. 4 is a screen shot illustrating a retrieved address in a word processor, according to an exemplary embodiment of the present invention;

FIG. 5 is a screen shot illustrating the inputting of a name and address to be searched and an address handling button within a word processor, according to an exemplary embodiment of the present invention;

FIG. 6 is a screen shot illustrating an add new contact message window, according to an exemplary embodiment of the present invention;

FIG. 7 is a screen shot illustrating a contact register message window, according to an exemplary embodiment of the present invention;

FIG. 8 is a screen shot illustrating an address missing message window, according to an exemplary embodiment of the present invention;

FIG. 9 is a screen shot illustrating a modify contact's address message window, according to an exemplary embodiment of the present invention;

FIG. 10 is a screen shot illustrating a select a contact address register message window, according to an exemplary embodiment of the present invention;

FIG. 11 is a screen shot illustrating a more detailed mode of registering an additional address for the contact register of FIG. 9, according to an exemplary embodiment of the present invention;

FIG. 12 is a screen shot illustrating a contact management program window in a full detailed mode, according to an exemplary embodiment of the present invention;

FIG. 13 is a screen shot illustrating an address already in use message window, according to an exemplary embodiment of the present invention;

FIG. 14 is a screen shot illustrating the inputting of a name to be searched and an address handling button within a spreadsheet, according to an exemplary embodiment of the present invention;

FIG. 15 is a screen shot illustrating a retrieved address in a spreadsheet, according to an exemplary embodiment of the present invention; and

FIG. 16 is a schematic illustration of a general purpose computer for performing the processes of the present invention, according to an exemplary embodiment of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

In an embodiment of the present invention, single button addressing is achieved by providing an input device, such as a touch screen, keyboard, icon, menu, voice command device etc. (hereinafter called "button"), in a computer program, such as a word processing program, spreadsheet program, etc. (hereinafter called "word processor"), for executing address handling therein.

Accordingly, in a word processor, the button is added and a user types information, such as an addressee's name, or a part of the name, etc. in a document created with the word processor, such as a letter, fax, etc., and then clicks, selects, commands, etc. the button via the appropriate input device, such as a touch screen button, keyboard button, icon, menu choice, voice command device, etc. A program then executes and retrieves the typed information from the document, and searches an information management source, such as a database, file, database program, contact management program, etc. (hereinafter called "database") to determine if the information, such as the name or part of the name typed and searched by the program exists in the database. If the program does not find stored information, such as a name, corresponding to the name or part of the name typed, the user is asked by the program whether the information, such as the name that was not found, should be added to the database. In addition, the user may enter any other information besides the name, such as addresses, businesses, telephone numbers, fax numbers, e-mail address, etc., so that this other information can be stored in the database for later use.

If the program finds name(s) and address(es) corresponding to the part of the addressee's name typed, this additional information is automatically entered into the user's word processor, optionally with a confirmation from the user that this is the correct data. If the typed address information does not correspond to data already stored in the database, after clicking on the button, the program, for example, lets the user decide: (1) if this is new data (e.g., a new address) for an existing contact; (2) if the stored data

should be changed to what the user just typed; (3) if this is a new contact with the same name as one already entered into the database; or (4) if the typed address is only to be used once, and therefore not to be stored in the database at all. If, later, for example, a name with several address stored in the database is recalled, all addresses for this contact will be displayed, so that the correct address can be selected by the user.

The program may be extended to also store and retrieve other information, such as telephone numbers, fax numbers, e-mail addresses, etc. Once the program recalls the telephone numbers, fax numbers, e-mail addresses, etc., the user can command the program to send e-mails, faxes, etc. Similarly, if the user types in the name of a mailing list, the program create merge letters, group e-mails, etc.

Referring now to the drawings, wherein like reference numerals designate identical or corresponding parts throughout the several views, and more particularly to FIGS. 1 and 2 thereof, there is illustrated flow charts of single button addressing, according to exemplary embodiments of the present invention.

In FIG. 1, after the user has inserted the address in the word processor, the user commands the button at step 2 and the program analyzes what the user has typed in the document at step 4. At step 6, the program decides what was found in the document and if the program found nothing in the document or what it found was un-interpretable the program goes to step 8 and outputs an appropriate message to the user and then quits at step 16. The program analyzes what the user has typed in the document at step 4, for example, by analyzing (i) paragraph/line separations/formatting, etc.; (ii) street, avenue, drive, lane, boulevard, city, state, zip code, country designators and abbreviations, etc.; (iii) Mr., Mrs., Sir, Madam, Jr., Sr. designators and abbreviations, etc.; (iv) Inc., Ltd., P.C., L.L.C, designators and abbreviations, etc.; and (v) a database of common male/female names, etc.

If the program finds an e-mail address mailing list/category name telephone number or other information, at step 10 an appropriate action is performed by the program and then the program execution quits at step 16. If the program only finds a name or initials, or the like, the program looks up the name in the database at step 12 and at step 18 the program determines what was found. If the program finds more than one possible contact/address match, at step 20 the program displays menu choices to the user to let him choose an appropriate answer. Then at step 22 the program inserts a correct address and name in the document and then at step 16 the program quits execution. If the program finds one match exactly, i.e., one contact with one address, the program inserts the correct address and name in the document at step 22 and then quits execution at step 16. If the program does not find a name in the database, at step 24 the program prompts the user to specify an address and then quits execution at step 16. If the program at step 6 finds a name and an address, at step 14 the name is looked up in the database. Then, at step 26, if no match is found, at step 28 the program inserts an address and a name which are possibly corrected by the user into the database and then quits execution at step 16. If at step 26, the name and address is found, at step 32 the program either takes no action or displays the data for the user to edit. If at step 26, the name is found but not the address, the program prompts the user for a decision at step 30. If the user decides that this another contact with a same name, the program goes to step 28. If the user decides that this is a one time occurrence, no action is taken and the program quits at step 16. If the user decides

5

that the contact has, for example, moved and that this is a new address, at step 34 one of the old addresses for the contact is replaced with the new one and the program quits at step 16. If the user decides that this is an additional address for the contact, at step 36 the additional address is inserted into the database for that contact and execution quits at step 16.

The flowchart shown in FIG. 2 is similar to the flowchart in FIG. 1, except for some additional steps which will now be discussed. At step 6, if the program only finds a name or a similar name then the name is looked up in the database at step 12, then at step 18 if the program found more than one possible contact/address match, the program displays choices to the user to let him choose an address at step 20. Then at step 21 the user decides whether to insert the selected address into the document. If the user does not decide to select the address into the document the program quits execution at step 16. If the user decides to insert the selected address into the document, the program inserts the address and name into the document at step 22 and then quits at step 16.

If the program finds a name and address in the database at step 6, then at step 14 the program looks up the name in the database and at step 26 the program determines what it has found. If the program does not find the name at step 26, at step 27 the program prompts the user for a decision and review and whether to insert the contact and address. If the user does not decide to insert the contact address, the program quits at step 16. If the user decides to insert the contact address, at step 28 the program inserts the address and name which may be possibly corrected by the user or program in the database and then execution quits at step 16.

If at step 26 the program finds a name and not an address, then at step 29 the name is looked up in the database. Then at step 31 the program decides whether this contact has another address. If the contact does not have another address, at step 33 the program prompts the user for a decision and review and whether to add the address. If the user does not want to add the address at step 33, the program quits at step 16. If the user wants to add the address at step 33 because this is an additional address for the contact, at step 36 the address is inserted in the database for the contact and execution quits at step 16.

At step 30, if the user decides that this is another contact with a same name, then the program goes to step 28. If at step 30 the user decides that this is a one time occurrence, then the program quits at step 16. If at step 30, the user decides that the contact has, for example, moved, the program goes to step 34. If at step 30, the user decides that this is an additional address for the contact, at step 36 the program inserts the address in the database for the contact and then quits at step 16.

Various exemplary screen shots which are generated during execution of the program, according to the present invention, will now be described with reference to FIGS. 3-15 and examples 1-7 as follows.

EXAMPLE 1

Retrieving an Existing Address from the Database:

FIG. 3 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name 40. The user hits the button 42, for example, marked "OneButton" and the program according to the present invention retrieves the name 40 from the document, searches a database for the name 40, and inserts the retrieved address 44 associated with the name 40 into the document as shown in, for example, FIG. 4.

6

The above example corresponds to steps 2, 4, 6, 12, 18, 22 and 16 in the flow charts of FIGS. 1 and 2.

EXAMPLE 2

Adding a New Contact to the Database:

FIG. 5 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name and address of a new contact 46. The user commands the button 42, for example, marked "OneButton," and the program according to the invention retrieves the new contact 46 from the document, searches a database for the name of the new contact 46 and generates a screen as shown in, for example, FIG. 6. This screen includes a message 50 informing the user that the new contact does not exist in the database, a message 52 including the address retrieved from the document, an address type selection 54, such as home, business, etc., and "OK," "Details," and "Cancel" buttons 56, 58, and 60, respectively.

At this point, the user can cancel the operation by commanding the Cancel button 60, ask the program to store data in the database and return to the document by commanding the OK button 56, or check details before storing data into the database by commanding the Details button 58. If the user commands the Details button 58, as shown in, for example, FIG. 7, a message screen is provided so that the user can review and edit data 62 and the selection 54, store the data 62 and 54 in the database by commanding a "Add and Choose" button 64, see more options by commanding an "Options" button 66, or cancel the operation by commanding the Cancel button 60.

The above example corresponds to steps 2, 4, 6, 14, 26, 28 and 16 in the flow chart of FIG. 1 and steps 2, 4, 6, 14, 26, 27, 28 and 16 in the flow chart of FIG. 2.

EXAMPLE 3

Try to Retrieve Existing Address, but Contact is not in Database:

FIG. 3 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name of a contact 40. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the name 40 from the document, searches a database for the name of the contact 40 and generates a screen as shown in, for example, FIG. 8. This screen includes a message 68 informing the user that the contact does not exist in the database and to specify an address, and "OK" buttons 56. At this point when the user commands the OK button 56, the user returns to the document so that the contact's address can be included as in Example 2 above.

The above example corresponds to steps 2, 4, 6, 12, 18, 24 and 16 in the flow charts of FIGS. 1 and 2.

EXAMPLE 4

Adding a New Address for an Existing Contact (short version):

FIG. 4 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name and new address of an existing contact 44. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the existing contact 44 from the document, searches a database for the name of the existing contact 44 and generates a screen as shown in, for example, FIG. 9. This screen includes a message 70 informing the user that the contact already exists in the database with an existing address, a message 72 including the existing address, add new contact with same name selection 74, change existing

address selection 76, use existing address in document selection 78, add the new address to contact selection 80, the address type selection 54, such as home, business, etc., and the "OK," "Details," and "Cancel" buttons 56, 58, and 60 respectively. At this point, the user may select one of the four options 74-80, and command the OK button 56 to execute the selected options. The user can also cancel the operation by commanding the Cancel button 60, or check details before storing data into the database by commanding the Details button 58.

The above example corresponds to steps 2, 4, 6, 14, 26, 28, 30, 34, 36, and 16 in the flow chart of FIG. 1 and steps 2, 4, 6, 14, 26, 29, 31, 30, 28, 34, 36, and 16 in the flow chart of FIG. 2.

EXAMPLE 5

Selecting Between Several Possible Matching Addresses:

FIG. 3 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name and possibly address of at least one existing contact 40. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the existing contact 40 from the document, searches a database for the name of the existing contact 40 and generates a screen as shown in, for example, FIG. 10. This screen includes a message informing the user that the name corresponds to several addresses and possible contacts which already exist in the database, with existing contacts and addresses for selection 82, a message 84 including the full name and address for the contact that the user selects in 82, the Options button 66, a "Choose" button 86, a "Full details" button 88, a "More>>>" button 90, and the Cancel button 60. The above screen indicates to the user that at least one contact with the same name exists, and that there are more than one addresses and/or contacts that match.

At this point, the user may command the Choose button 86 to use the selected address and return to the document, or the user may command the More>>> button 90 to view how the program interpreted what the user typed in the word processor, and possibly change this data, wherein the program generates an updated screen as shown in, for example, FIG. 11. The updated screen includes the data 62 which displays the name typed in the word processor as interpreted by the program, address fields, and the fields for the address type selection 54, such as home, business, etc., which may be changed by the user before the program stores it in the database, the Add and Choose button 64, a "<<<Less" button 90 corresponding to the More>>> button 90 for returning to the screen of FIG. 10, and an "Add this address to the selected contact above" button 92. The user might then command the Add this address to the selected contact above button 92 and the result in the word processor is illustrated in FIG. 4. The user can also cancel the operation by commanding the Cancel button 60, or command the add choose button 64 to add this name and address as a new contact and address, or open the database before storing data into the database by commanding a "Full details" button 88 as will be later described.

The above example corresponds to steps 2, 4, 6, 12, 18, 20, 22, and 16 in the flow chart of FIG. 1 and steps 2, 4, 6, 12, 18, 20, 21, 22, and 16 in the flow chart of FIG. 2.

EXAMPLE 6

Adding a New Address for an Existing Contact (long version):

FIG. 4 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user

has typed a name and new address of an existing contact 44. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the existing contact 44 from the document, searches a database for the name of the existing contact 44 and generates a screen as shown in, for example, FIG. 9. As previously described, the screen includes a message 70 informing the user that the contact already exists in the database with an existing address, and the user may command the Details button 58 to see the details of the new address for potentially modify the details before they are stored in the database and the program generates a screen as shown in, for example, FIG. 10. From this screen, the user may choose to use another address than the one he typed, and return to the document, or the user may command the "Full details" button 88 to enter a database program, such as OUTLOOK™, directly as shown in, for example, FIG. 12. In FIG. 12, the database program, such as OUTLOOK™, may include portions 94-104 for allowing the user to modify various pieces of data before they are stored in the database.

Alternatively, in the screen shown in FIG. 10, the user may command the More>>> button 90 at which time the program generates the screen as shown in, for example, FIG. 11 and as previously described. In this screen, the user might then command the Add this address to the selected contact above button 92. If the address typed is already in use, the program generates a screen including a message 106, and "Yes" and "No" buttons, 108 and 110, respectively, as shown in, for example, FIG. 13. If the user hits the Yes button 108 the program overwrites the contact address with the address specified by the user (e.g., if the contact has moved) and the result in the word processor is shown in, for example, FIG. 4.

The above example corresponds to steps 2, 4, 6, 12, 14, 26, 28, 30, 34, 36, and 16 in the flow chart of FIG. 1 and steps 2, 4, 6, 12, 14, 26, 29, 31, 30, 28, 34, 36, and 16 in the flow chart of FIG. 2.

EXAMPLE 7

Spreadsheet Application:

FIG. 14 illustrates a starting point in word processor document, such as an EXCEL™ spreadsheet, wherein the user has typed a name 112. The user hits the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the name 112 from the spreadsheet, searches a database for the name 112, and inserts the retrieved address 114 into the spreadsheet as shown in, for example, FIG. 15. Accordingly, the examples 1-6 apply not only to word processor documents, such as WORD™ documents, etc., but to other word processor documents, and spread sheets, such as EXCEL™ spreadsheets, etc.

The above example corresponds to steps 2, 4, 6, 12, 18, 22 and 16 in the flow charts of FIGS. 1 and 2.

FIG. 16 is a schematic illustration of a computer system for implementing the single button addressing according to the present invention. A computer 200 implements the method of the present invention, wherein the computer includes, for example, a display device 202, such as a conventional display device or a touch screen monitor with a touch-screen interface, etc., a keyboard 204, a pointing device 206, a mouse pad or digitizing pad 208, a hard disk 210, or other fixed, high density media drives, connected using an appropriate device bus (e.g., a SCSI bus, an Enhanced IDE bus, an Ultra DMA bus, a PCI bus, etc.), a floppy drive 212, a tape or CD ROM drive 214 with tape or CD media 216, or other removable media devices, such as magneto-optical media, etc., and a mother board 218. The

mother board 218 includes, for example, a processor 220, a RAM 222, and a ROM 224 (e.g., DRAM, ROM, EPROM, EEPROM, SRAM, SDRAM, and Flash RAM, etc.), I/O ports 226 which may be used to couple to external devices, networks, etc., (not shown), and optional special purpose logic devices (e.g., ASICs) or configurable logic devices (e.g., GAL and re-programmable FPGA) 228 for performing specialized hardware/software functions, such as sound processing, image processing, signal processing, neural network processing, object character recognition (OCR) processing, etc., a microphone 230, and a speaker or speakers 232.

As stated above, the system includes at least one computer readable medium, or alternatively, the computer readable medium may be accessed through various paths, such as networks, internet, drives, etc. Examples of computer readable media are compact discs, hard disks, floppy disks, tape, magneto-optical disks, PROMs (EPROM, EEPROM, Flash EPROM), DRAM, SRAM, SDRAM, etc. Stored on any one or on a combination of computer readable media, the present invention includes software for controlling both the hardware of the computer 200 and for enabling the computer 200 to interact with a human user. Such software may include, but is not limited to, device drivers, operating systems and user applications, such as development tools. Such computer readable media further includes the computer program product of the present invention for performing any of the processes according to the present invention, described above (see, e.g., FIGS. 1-15). The computer code devices of the present invention can be any interpreted or executable code mechanism, including but not limited to scripts, interpreters, dynamic link libraries, Java classes, and complete executable programs, etc.

The invention may also be implemented by the preparation of application specific integrated circuits or by interconnecting an appropriate network of conventional component circuits, as will be readily apparent to those skilled in the art.

Address handling, according to this invention, is a significant simplification relative to existing methods, and requires little or no training on the part of a user, as correct addresses are retrieved with a minimal number of user commands, "clicks", keystrokes, etc. In addition, a program according to the present invention, can be programmed and created in most existing programming languages and be connected to most modern word processors. Therefore, according to the present invention, the process of creating and updating records in an address database is significantly simplified, since this may now be performed directly from the word processor.

Although the present invention is defined in terms of word processing documents, such as WORD™ documents and EXCEL™ spreadsheets, the present invention is applicable to all types of word processing documents, such as NOTEPAD™, WORDPAD™, WORDPERFECT™, QUATROPRO™, AMIPRO™, etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of information management or database programs, such as OUTLOOK™, etc., the present invention is applicable to all types of information management or database programs, such as ACCESS™, ORACLE™, DBASE™, RBASE™, CARDFILE™, including "flat files," etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of providing an input device, such as a button 42 in a word processor for address handling therein, the present invention

may be practiced with all types of input devices, such as a touch screen, keyboard button, icon, menu, voice command device, etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of a program retrieving information from a document before searching a database, the user may select the information in the document to be searched by the program in the database (e.g., by highlighting, selecting, italicizing, underlining, etc.), as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of a program retrieving a name or portion thereof from a document before searching a database, the program may retrieve an address or portion thereof from the document before searching the database and insert, correct, complete, etc., the retrieved address based on the information found in the database corresponding to the retrieved address or portion thereof, as will be readily apparent to those skilled in the art.

Obviously, numerous modifications and variations of the present invention are possible in light of the above teachings. It is therefore to be understood that within the scope of the appended claims, the invention may be practiced otherwise than as specifically described herein.

This application claims priority and contains subject matter related to Norwegian patent application No. 984066 filed on Sep. 3, 1998, the entire contents of which are hereby incorporated by reference.

What is claimed as new and desired to be secured by Letters Patent of the United States is:

1. A computerized method for information handling within a document created using an application program, the document including first information provided therein, the method comprising:

- providing a record retrieval program;
- providing an input device configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program;
- upon a single entry of the execute command by means of the input device:
- analyzing the document to determine if the first information is contained therein, and
- if the first information is contained in the document, searching, using the record retrieval program, the information source for second information associated with the first information; and
- when the information source includes second information associated with the first information, performing at least one of,
 - (a) displaying the second information,
 - (b) inserting the second information in the document, and
 - (c) completing the first information in the document based on the second information.

2. The method of claim 1, further comprising one of the following steps:

- storing the first information in the information source if no second information associated with the first information is found in the information source during said searching step,
- changing the second information in the information source based on one of differences and similarities between the first information and the second information,
- completing the first information in the document using the second information,
- adding one of all and part of the first information to an existing record in the information source associated with one of all and part of the first information,

11

correcting the first information in the document using the second information,

adding information about said document to said information source, and

adding information about said document to said information source, said added information associated with said second information.

3. The method of claim 1, wherein said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information.

4. The method of claim 1, where in said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information automatically.

5. The method of claim 1, where in said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information with assistance from a user.

6. The method of claim 1, wherein said first information includes an identification of a list of addressees, further comprising:

addressing said document to all of said addressees based on the second information associated with said identification of said list of addressees.

7. The method of claim 1, further comprising:

providing a user the option of making changes to the second information directly in the information source.

8. The method of claim 1, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

12

9. The method of claim 1, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

10. The method of claim 1, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

11. The method of claim 1, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

12. The method of claim 1, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

13. The method of claim 1, further comprising the step of indicating which part of information in said document is said first information.

14. The method of claim 1, further comprising the step of automatically interpreting which part of information in said document is said first information.

15. A computer system configured to perform the steps recited in one of claims 1-14.

16. A storage medium storing a program for performing the steps recited in one of claims 1-14.

17. The method of claim 2, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

18. The method of claim 3, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for

15

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

29. The method of claim 8, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

30. The method of claim 2, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

31. The method of claim 3, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

32. The method of claim 4, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

33. The method of claim 5, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

34. The method of claim 6, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

35. The method of claim 7, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

36. The method of claim 8, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

37. The method of claim 9, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

16

38. The method of claim 2, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

39. The method of claim 3, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

40. The method of claim 4, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

41. The method of claim 5, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

42. The method of claim 6, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

43. The method of claim 7, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

44. The method of claim 8, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

45. The method of claim 9, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

46. The method of claim 10, wherein the step of providing an input device comprises:

17

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

47. The method of claim 2, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

48. The method of claim 3, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

49. The method of claim 4, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

50. The method of claim 5, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

51. The method of claim 6, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

52. The method of claim 7, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

53. The method of claim 8, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

54. The method of claim 9, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

55. The method of claim 10, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first

18

information, based on said second information associated with said identification of said list of addressees.

56. The method of claim 11, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

57. The method of claim 2, further comprising the step of indicating which part of information in said document is said first information.

58. The method of claim 3, further comprising the step of indicating which part of information in said document is said first information.

59. The method of claim 4, further comprising the step of indicating which part of information in said document is said first information.

60. The method of claim 5, further comprising the step of indicating which part of information in said document is said first information.

61. The method of claim 6, further comprising the step of indicating which part of information in said document is said first information.

62. The method of claim 7, further comprising the step of indicating which part of information in said document is said first information.

63. The method of claim 8, further comprising the step of indicating which part of information in said document is said first information.

64. The method of claim 9, further comprising the step of indicating which part of information in said document is said first information.

65. The method of claim 10, further comprising the step of indicating which part of information in said document is said first information.

66. The method of claim 11, further comprising the step of indicating which part of information in said document is said first information.

67. The method of claim 12, further comprising the step of indicating which part of information in said document is said first information.

68. The method of claim 2, further comprising the step of automatically interpreting which part of information in said document is said first information.

69. The method of claim 3, further comprising the step of automatically interpreting which part of information in said document is said first information.

70. The method of claim 4, further comprising the step of automatically interpreting which part of information in said document is said first information.

71. The method of claim 5, further comprising the step of automatically interpreting which part of information in said document is said first information.

72. The method of claim 6, further comprising the step of automatically interpreting which part of information in said document is said first information.

73. The method of claim 7, further comprising the step of automatically interpreting which part of information in said document is said first information.

19

74. The method of claim **8**, further comprising the step of automatically interpreting which part of information in said document is said first information.

75. The method of claim **9**, further comprising the step of automatically interpreting which part of information in said document is said first information. 5

76. The method of claim **10**, further comprising the step of automatically interpreting which part of information in said document is said first information. 10

20

77. The method of claim **11**, further comprising the step of automatically interpreting which part of information in said document is said first information.

78. The method of claim **12**, further comprising the step of automatically interpreting which part of information in said document is said first information.

79. The method of claim **13**, further comprising the step of automatically interpreting which part of information in said document is said first information.

* * * * *

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

11/18/1998 BHINES 00000033 09189626
01 FC:101 760.00 DP
02 FC:105 130.00 DP

06/02/2000 MFLETCH 00000006 09189626
01 FC:201 380.00 DP
02 FC:205 65.00 DP

Repln. Ref: 11/18/1998 BHINES 0006554400
DAH:150030 Name/Number:09189626
FC: 704 \$30.00 CR

Repln. Ref: 06/02/2000 MFLETCH 0007511400
DAH:150030 Name/Number:09189626
FC: 704 \$445.00 CR

Adjustment date: 06/02/2000 MFLETCH
11/18/1998 BHINES 00000033 09189626
01 FC:101 -760.00 DP
02 FC:105 -130.00 DP

PTO-1556
(5/87)

*U.S. GPO: 1996-433-214/80404

9877-0001-20

TITLE OF THE INVENTION

METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING
HANDLING FROM A COMPUTER PROGRAM

5

BACKGROUND OF THE INVENTION

Field of the Invention:

This invention relates to a method, system and computer readable medium for name and address handling (hereinafter called "address handling"), and more particularly to a touch screen, keyboard button, icon, menu, voice command device, etc. (hereinafter called "button") provided in a computer program, such as a word processing program, spreadsheet program, etc., and coupled to an information management source for providing address handling within a document created by the computer program.

10
11
12
13
14
15

Discussion of the Background

In recent years, with the advent of programs, such as word processors, spreadsheets, etc. (hereinafter called "word processors") users may require retrieval of information, such as name and address information, etc., for insertion into a document, such a letter, fax, etc., created with the word processor. Typically, the information is retrieved by the user from an information management source external to the word processor, such as a database program, contact management program, etc., or from the word processor itself, for insertion into the document. Examples of such word processors are WORD™, NOTEPAD™, EXCEL™, WORDPAD™, WORDPERFECT™, QUATROPRO™, AMIPRO™, etc., and examples of such information management sources are ACCESS™, OUTLOOK™, ORACLE™, DBASE™, RBASE™, CARDFILE™, etc.

20

5 However, the information in the database must constantly be updated by the user. This requires the user to learn how to use and have access to the database. In this case, a change in the information, such as change in an address or a name, etc., requires the user of the word processor to implement this change in the database, or alternatively, the change is made to the database centrally by a database administrator.

SUMMARY OF THE INVENTION

Accordingly, an object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program.

10 Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc.

15 Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc., using an input device provided in the computer program.

20 Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a word processing program, spreadsheet program, etc., using an input device, such as a touch screen, keyboard button, icon, menu, voice command device, etc., provided in the computer program and coupled to an information management source.

Another object of the present invention is to provide a method, system and computer readable medium for address handling within a computer program, such as a

word processing program, spreadsheet program, etc., using an input device, such as a touch screen, keyboard button, icon, menu, voice command device, etc., provided in the computer program and coupled to an information management source, such as a database program, contact management program, etc.

5 The above and other objects are achieved according to the present invention by providing a novel method, system and computer readable medium for providing a function item, such as a key, button, icon, or menu, tied to a user operation in a computer, whereby a single click on the function item in a window or program on a computer screen, or one single selection in a menu in a program, initiates retrieval of name and addresses and/or
10 other person or company related information, while the user works simultaneously in another program, e.g., a word processor. The click on the function item initiates a program connected to the button to search a database or file available on or through the computer, containing the person, company or address related data, in order to look up data corresponding to what the user types, or partly typed, e.g., name and/or address in the
15 word processor, the correct data from the database, data related to the typed data, e.g., the name of the person, company, or the traditional or electronic address, or other person, or company, or address related data, and alternatively the persons, companies, or addresses, are displayed and possibly entered into the word processor, if such related data exists.

20 The present invention also includes a computer readable medium storing program instructions by which the method of the invention can be performed when the stored program instructions are appropriately loaded into a computer, and a system for implementing the method of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

A more complete appreciation of the invention and many of the attendant advantages thereof will be readily obtained as the same becomes better understood by reference to the following detailed description when considered in connection with the accompanying drawings wherein:

Figure 1 is a flow chart illustrating a method for address handling within a computer program, according to an exemplary embodiment of the present invention;

Figure 2 is a flow chart illustrating a method for address handling within a computer program, according to another exemplary embodiment of the present invention;

Figure 3 is a screen shot illustrating the inputting of a name to be searched and an address handling button within a word processor, according to an exemplary embodiment of the present invention;

Figure 4 is a screen shot illustrating a retrieved address in a word processor, according to an exemplary embodiment of the present invention;

Figure 5 is a screen shot illustrating the inputting of a name and address to be searched and an address handling button within a word processor, according to an exemplary embodiment of the present invention;

Figure 6 is a screen shot illustrating an add new contact message window, according to an exemplary embodiment of the present invention;

Figure 7 is a screen shot illustrating a contact register message window, according to an exemplary embodiment of the present invention;

Figure 8 is a screen shot illustrating an address missing message window, according to an exemplary embodiment of the present invention;

Figure 9 is a screen shot illustrating a modify contact's address message window, according to an exemplary embodiment of the present invention;

Figure 10 is a screen shot illustrating a select a contact address register message window, according to an exemplary embodiment of the present invention;

5 Figure 11 is a screen shot illustrating a more detailed mode of registering an additional address for the contact register of Fig. 9, according to an exemplary embodiment of the present invention;

Figure 12 is a screen shot illustrating a contact management program window in a full detailed mode, according to an exemplary embodiment of the present invention;

10 Figure 13 is a screen shot illustrating an address already in use message window, according to an exemplary embodiment of the present invention;

Figure 14 is a screen shot illustrating the inputting of a name to be searched and an address handling button within a spreadsheet, according to an exemplary embodiment of the present invention;

15 Figure 15 is a screen shot illustrating a retrieved address in a spreadsheet, according to an exemplary embodiment of the present invention; and

Figure 16 is a schematic illustration of a general purpose computer for performing the processes of the present invention, according to an exemplary embodiment of the present invention.

20

DESCRIPTION OF THE PREFERRED EMBODIMENTS

In an embodiment of the present invention, single button addressing is achieved by providing an input device, such as a touch screen, keyboard, icon, menu, voice command

new data (e.g., a new address) for an existing contact; (2) if the stored data should be changed to what the user just typed; (3) if this is a new contact with the same name as one already entered into the database; or (4) if the typed address is only to be used once, and therefore not to be stored in the database at all. If, later, for example, a name with several address stored in the database is recalled, all addresses for this contact will be displayed, so that the correct address can be selected by the user.

The program may be extended to also store and retrieve other information, such as telephone numbers, fax numbers, e-mail addresses, etc. Once the program recalls the telephone numbers, fax numbers, e-mail addresses, etc., the user can command the program to send e-mails, faxes, etc. Similarly, if the user types in the name of a mailing list, the program create merge letters, group e-mails, etc.

Referring now to the drawings, wherein like reference numerals designate identical or corresponding parts throughout the several views, and more particularly to Figs. 1 and 2 thereof, there is illustrated flow charts of single button addressing, according to exemplary embodiments of the present invention.

In Figure 1, after the user has inserted the address in the word processor, the user commands the button at step 2 and the program analyzes what the user has typed in the document at step 4. At step 6, the program decides what was found in the document and if the program found nothing in the document or what it found was un-interpretable the program goes to step 8 and outputs an appropriate message to the user and then quits at step 16. The program analyzes what the user has typed in the document at step 4, for example, by analyzing (i) paragraph/line separations/formatting, etc.; (ii) street, avenue, drive, lane, boulevard, city, state, zip code, country designators and abbreviations, etc.;

(iii) Mr., Mrs., Sir, Madam, Jr., Sr. designators and abbreviations, etc.; (iv) Inc., Ltd., P.C., L.L.C, designators and abbreviations, etc.; and (v) a database of common male/female names, etc.

5 If the program finds an e-mail address mailing list/category name telephone number or other information, at step 10 an appropriate action is performed by the program and then the program execution quits at step 16. If the program only finds a name or initials, or the like, the program looks up the name in the database at step 12 and at step 18 the program determines what was found. If the program finds more than one possible contact/address match, at step 20 the program displays menu choices to the user to let him
10 choose an appropriate answer. Then at step 22 the program inserts a correct address and name in the document and then at step 16 the program quits execution. If the program finds one match exactly, i.e., one contact with one address, the program inserts the correct address and name in the document at step 22 and then quits execution at step 16. If the program does not find a name in the database, at step 24 the program prompts the user to
15 specify an address and then quits execution at step 16. If the program at step 6 finds a name and an address, at step 14 the name is looked up in the database. Then, at step 26, if no match is found, at step 28 the program inserts an address and a name which are possibly corrected by the user into the database and then quits execution at step 16. If at step 26, the name and address is found, at step 32 the program either takes no action or displays the
20 data for the user to edit. If at step 26, the name is found but not the address, the program prompts the user for a decision at step 30. If the user decides that this another contact with a same name, the program goes to step 28. If the user decides that this is a one time occurrence, no action is taken and the program quits at step 16. If the user decides that the

contact has, for example, moved and that this is a new address, at step 34 one of the old addresses for the contact is replaced with the new one and the program quits at step 16. If the user decides that this is an additional address for the contact, at step 36 the additional address is inserted into the database for that contact and execution quits at step 16.

5 The flowchart shown in Figure 2 is similar to the flowchart in Figure 1, except for some additional steps which will now be discussed. At step 6, if the program only finds a name or a similar name then the name is looked up in the database at step 12, then at step 18 if the program found more than one possible contact/address match, the program displays choices to the user to let him choose an address at step 20. Then at step 21 the user decides whether to insert the selected address into the document. If the user does not
10 decide to select the address into the document the program quits execution at step 16. If the user decides to insert the selected address into the document, the program inserts the address and name into the document at step 22 and then quits at step 16.

15 If the program finds a name and address in the database at step 6, then at step 14 the program looks up the name in the database and at step 26 the program determines what it has found. If the program does not find the name at step 26, at step 27 the program prompts the user for a decision and review and whether to insert the contact and address. If the user does not decide to insert the contact address, the program quits at step 16. If the user decides to insert the contact address, at step 28 the program inserts the address and
20 name which may be possibly corrected by the user or program in the database and then execution quits at step 16.

 If at step 26 the program finds a name and not an address, then at step 29 the name is looked up in the database. Then at step 31 the program decides whether this contact has

another address. If the contact does not have another address, at step 33 the program prompts the user for a decision and review and whether to add the address. If the user does not want to add the address at step 33, the program quits at step 16. If the user wants to add the address at step 33 because this is an additional address for the contact, at step 36 the address is inserted in the database for the contact and execution quits at step 16.

At step 30, if the user decides that this is another contact with a same name, then the program goes to step 28. If at step 30 the user decides that this is a one time occurrence, then the program quits at step 16. If at step 30, the user decides that the contact has, for example, moved, the program goes to step 34. If at step 30, the user decides that this is an additional address for the contact, at step 36 the program inserts the address in the database for the contact and then quits at step 16.

Various exemplary screen shots which are generated during execution of the program, according to the present invention, will now be described with reference to Figures 3-15 and examples 1-7 as follows.

Example 1: Retrieving an existing address from the database:

Fig. 3 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name 40. The user hits the button 42, for example, marked "OneButton" and the program according to the present invention retrieves the name 40 from the document, searches a database for the name 40, and inserts the retrieved address 44 associated with the name 40 into the document as shown in, for example, Fig. 4.

The above example corresponds to steps 2, 4, 6, 12, 18, 22 and 16 in the flow charts of Figs. 1 and 2.

Example 2: Adding a new contact to the database:

Fig. 5 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name and address of a new contact 46. The user commands the button 42, for example, marked "OneButton," and the program according to the invention retrieves the new contact 46 from the document, searches a database for the name of the new contact 46 and generates a screen as shown in, for example, Fig. 6. This screen includes a message 50 informing the user that the new contact does not exist in the database, a message 52 including the address retrieved from the document, an address type selection 54, such as home, business, etc., and "OK," "Details," and "Cancel" buttons 56, 58, and 60, respectively.

At this point, the user can cancel the operation by commanding the Cancel button 60, ask the program to store data in the database and return to the document by commanding the OK button 56, or check details before storing data into the database by commanding the Details button 58. If the user commands the Details button 58, as shown in, for example, Fig. 7, a message screen is provided so that the user can review and edit data 62 and the selection 54, store the data 62 and 54 in the database by commanding a "Add and Choose" button 64, see more options by commanding an "Options" button 66, or cancel the operation by commanding the Cancel button 60.

The above example corresponds to steps 2, 4, 6, 14, 26, 28 and 16 in the flow chart of Fig. 1 and steps 2, 4, 6, 14, 26, 27, 28 and 16 in the flow chart of Fig. 2.

Example 3: Try to Retrieve existing address, but contact is not in database:

Fig. 3 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name of a contact 40. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the name 40 from the document, searches a database for the name of the contact 40 and generates a screen as shown in, for example, Fig. 8. This screen includes a message 68 informing the user that the contact does not exist in the database and to specify an address, and "OK" buttons 56. At this point when the user commands the OK button 56, the user returns to the document so that the contact's address can be included as in Example 2 above.

The above example corresponds to steps 2, 4, 6, 12, 18, 24 and 16 in the flow charts of Figs. 1 and 2.

Example 4: Adding a new address for an existing contact (short version):

Fig. 4 illustrates a starting point in word processor document, such as a WORD™ document, wherein the user has typed a name and new address of an existing contact 44. The user commands the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the existing contact 44 from the document, searches a database for the name of the existing contact 44 and generates a screen as shown in, for example, Fig. 9. This screen includes a message 70 informing the user that the contact already exists in the database with an existing address, a message 72 including the existing address, add new contact with same name selection 74, change existing address selection 76, use existing address in document selection 78, add the new address to contact

with the same name exists, and that there are more than one addresses and/or contacts that match.

At this point, the user may command the Choose button 86 to use the selected address and return to the document, or the user may command the More > > > button 90 to view how the program interpreted what the user typed in the word processor, and possibly change this data, wherein the program generates an updated screen as shown in, for example, Fig. 11. The updated screen includes the data 62 which displays the name typed in the word processor as interpreted by the program, address fields, and the fields for the address type selection 54, such as home, business, etc., which may be changed by the user before the program stores it in the database, the Add and Choose button 64, a "< < < Less" button 90 corresponding to the More > > > button 90 for returning to the screen of Fig. 10, and an "Add this address to the selected contact above" button 92. The user might then command the Add this address to the selected contact above button 92 and the result in the word processor is illustrated in Fig. 4. The user can also cancel the operation by commanding the Cancel button 60, or command the add choose button 64 to add this name and address as a new contact and address, or open the database before storing data into the database by commanding a "Full details" button 88 as will be later described.

The above example corresponds to steps 2, 4, 6, 12, 18, 20, 22, and 16 in the flow chart of Fig. 1 and steps 2, 4, 6, 12, 18, 20, 21, 22, and 16 in the flow chart of Fig. 2.

Example 6: Adding a new address for an existing contact (long version):

specified by the user (e.g., if the contact has moved) and the result in the word processor is shown in, for example, Fig. 4.

The above example corresponds to steps 2, 4, 6, 12, 14, 26, 28, 30, 34, 36, and 16 in the flow chart of Fig. 1 and steps 2, 4, 6, 12, 14, 26, 29, 31, 30, 28, 34, 36, and 16 in the flow chart of Fig. 2.

Example 7: Spreadsheet application:

Fig. 14 illustrates a starting point in word processor document, such as an EXCEL™ spreadsheet, wherein the user has typed a name 112. The user hits the button 42, for example, marked "OneButton," and the program according to the present invention retrieves the name 112 from the spreadsheet, searches a database for the name 112, and inserts the retrieved address 114 into the spreadsheet as shown in, for example, Fig. 15. Accordingly, the examples 1-6 apply not only to word processor documents, such as WORD™ documents, etc., but to other word processor documents, and spread sheets, such as EXCEL™ spreadsheets, etc.

The above example corresponds to steps 2, 4, 6, 12, 18, 22 and 16 in the flow charts of Figs. 1 and 2.

Fig. 16 is a schematic illustration of a computer system for implementing the single button addressing according to the present invention. A computer 200 implements the method of the present invention, wherein the computer includes, for example, a display device 202, such as a conventional display device or a touch screen monitor with a touch-screen interface, etc., a keyboard 204, a pointing device 206, a mouse pad or digitizing pad 208, a hard disk 210, or other fixed, high density media drives, connected using an

mechanism, including but not limited to scripts, interpreters, dynamic link libraries, Java classes, and complete executable programs, etc.

The invention may also be implemented by the preparation of application specific integrated circuits or by interconnecting an appropriate network of conventional component
5 circuits, as will be readily apparent to those skilled in the art.

Address handling, according to this invention, is a significant simplification relative to existing methods, and requires little or no training on the part of a user, as correct addresses are retrieved with a minimal number of user commands, "clicks", keystrokes, etc. In addition, a program according to the present invention, can be programmed and
10 created in most existing programming languages and be connected to most modern word processors. Therefore, according to the present invention, the process of creating and updating records in an address database is significantly simplified, since this may now be performed directly from the word processor.

Although the present invention is defined in terms of word processing documents,
15 such as WORD™ documents and EXCEL™ spreadsheets, the present invention is applicable to all types of word processing documents, such as NOTEPAD™, WORDPAD™, WORDPERFECT™, QUATROPRO™, AMIPRO™, etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of information management or
20 database programs, such as OUTLOOK™, etc., the present invention is applicable to all types of information management or database programs, such as ACCESS™, ORACLE™, DBASE™, RBASE™, CARDFILE™, including "flat files," etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of providing an input device, such as a button 42 in a word processor for address handling therein, the present invention may be practiced with all types of input devices, such as a touch screen, keyboard button, icon, menu, voice command device, etc., as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of a program retrieving information from a document before searching a database, the user may select the information in the document to be searched by the program in the database (e.g., by highlighting, selecting, italicizing, underlining, etc.), as will be readily apparent to those skilled in the art.

Although the present invention is defined in terms of a program retrieving a name or portion thereof from a document before searching a database, the program may retrieve an address or portion thereof from the document before searching the database and insert, correct, complete, etc., the retrieved address based on the information found in the database corresponding to the retrieved address or portion thereof, as will be readily apparent to those skilled in the art.

Obviously, numerous modifications and variations of the present invention are possible in light of the above teachings. It is therefore to be understood that within the scope of the appended claims, the invention may be practiced otherwise than as specifically described herein.

This application claims priority and contains subject matter related to Norwegian patent application No. 984066 filed on September 3, 1998, the entire contents of which are hereby incorporated by reference.

WHAT IS CLAIMED AS NEW AND DESIRED TO BE SECURED BY LETTERS
PATENT OF THE UNITED STATES IS:

5 1. Function key, button, icon, or menu, tied to a user operation in a computer,
such one single click on a button in a window or program on a computer screen, or one
single selection in a menu in a program, wherein the function initiates retrieval of name
and addresses and/or to other person or company related information; while the user works
in another program, e.g., a word processor; that a click on the button leads to the program
connected to the button searches in a database or file available on or through the computer
containing the person, company or address related data, in order to look up data
10 corresponding to what the user types, or partly typed, e.g., name and/or address in the
word processor; that correct data from the database, data related to the typed data, e.g., the
name of the person, company, or the address, alternatively the persons, companies, or
addresses, is displayed and possibly entered into the word processor, if such related data
exists.

15 2. Button, according to Claim 1, wherein if the data typed by the user does not
correspond to any previously stored data in the database, the user will be given the
opportunity to select if new data should be entered in the database, or existing data in the
database should be changed to reflect the new data, or existing data in the database shall be
used instead of what the user had typed, or not to take any action.

20 3. Button according to Claim 1, wherein if the typed data is incomplete or
erroneous, the program connected to the button will, alone, or with user assistance,
complete and/or correct the address, based on algorithms and data available in and for the
-function for this purpose...

4. Button according to Claim 3, wherein if the incomplete or erroneous information is that the zip code, town, state, or street name or abbreviations thereof, and that the functionality finds and or corrects this incomplete or erroneous information, based on algorithms and data available in and for the function for this purpose.

5 5. Button according to Claim 1, wherein if the previously typed data refers to a category or group or persons or companies, and that the functionality will assist the user to create and/or send documents to all members of the category or group.

6. Button according to Claim 1, wherein if the database has access possibilities it make changes, alternatively other data handling, directly in the database.

10 7. Button according to Claim 1, wherein if the information to be fetched can be selected in advance, e.g., postal address, telefax number, e-mail address, etc.

11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

Add

Please refer to the content paper to reference the Oath.

Sorry for any inconvenience.

**One Button Contact and Address Invention
Flow Chart**
In principle: Exact implementation may vary

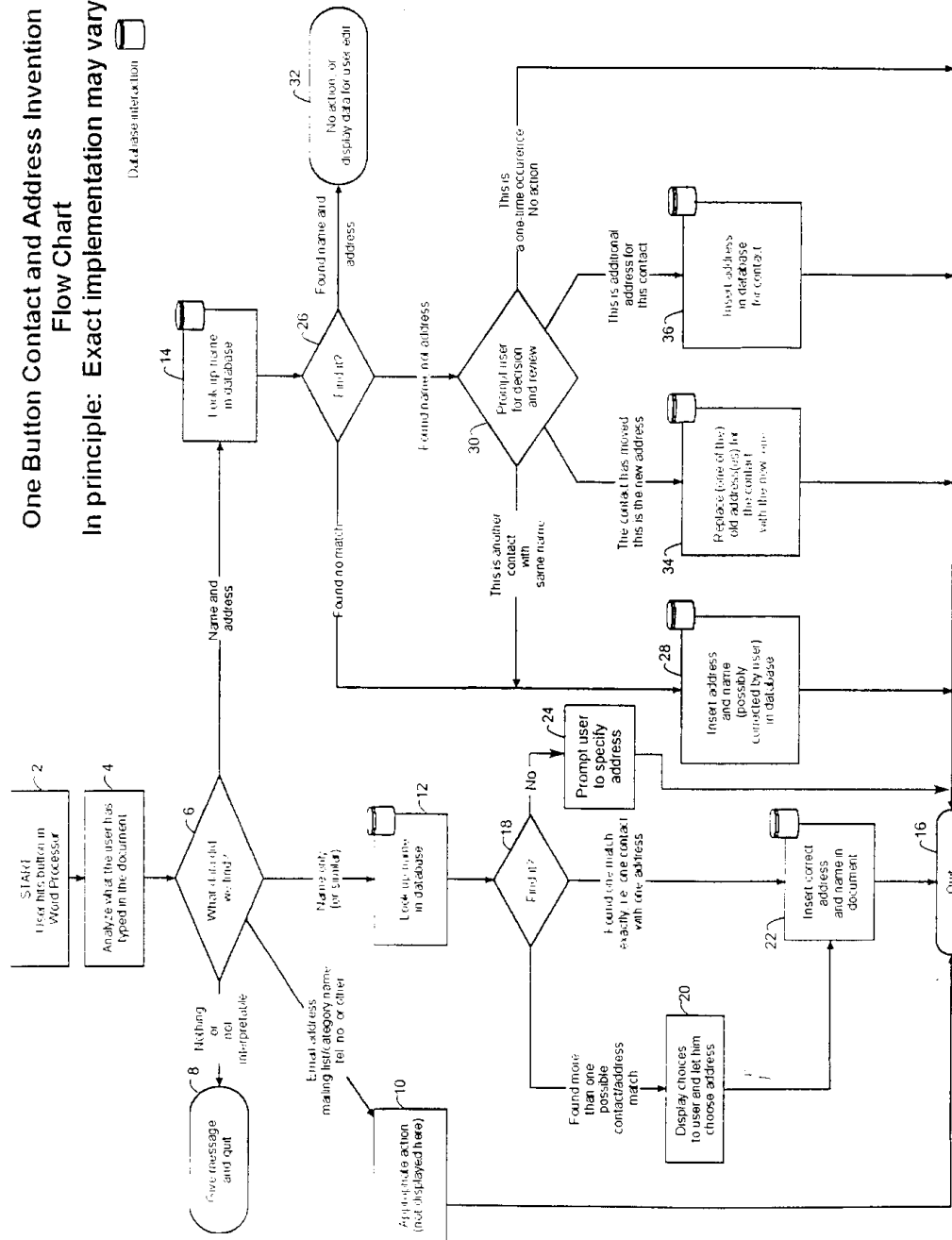


Figure 1

**One Button Contact and Address Invention
Flow Chart**
In principle: Exact implementation may vary

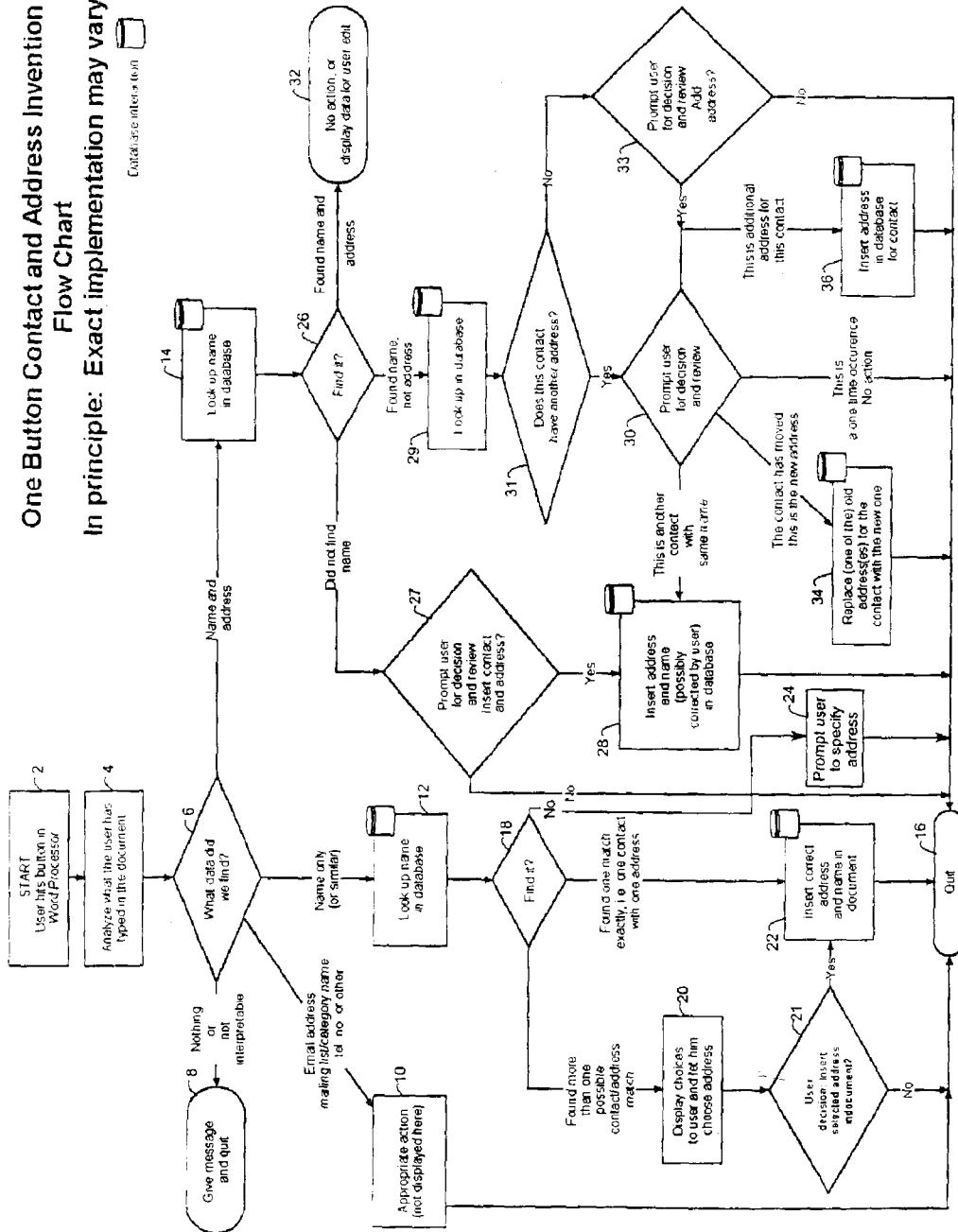


Figure 2

Microsoft Word - Dokument1

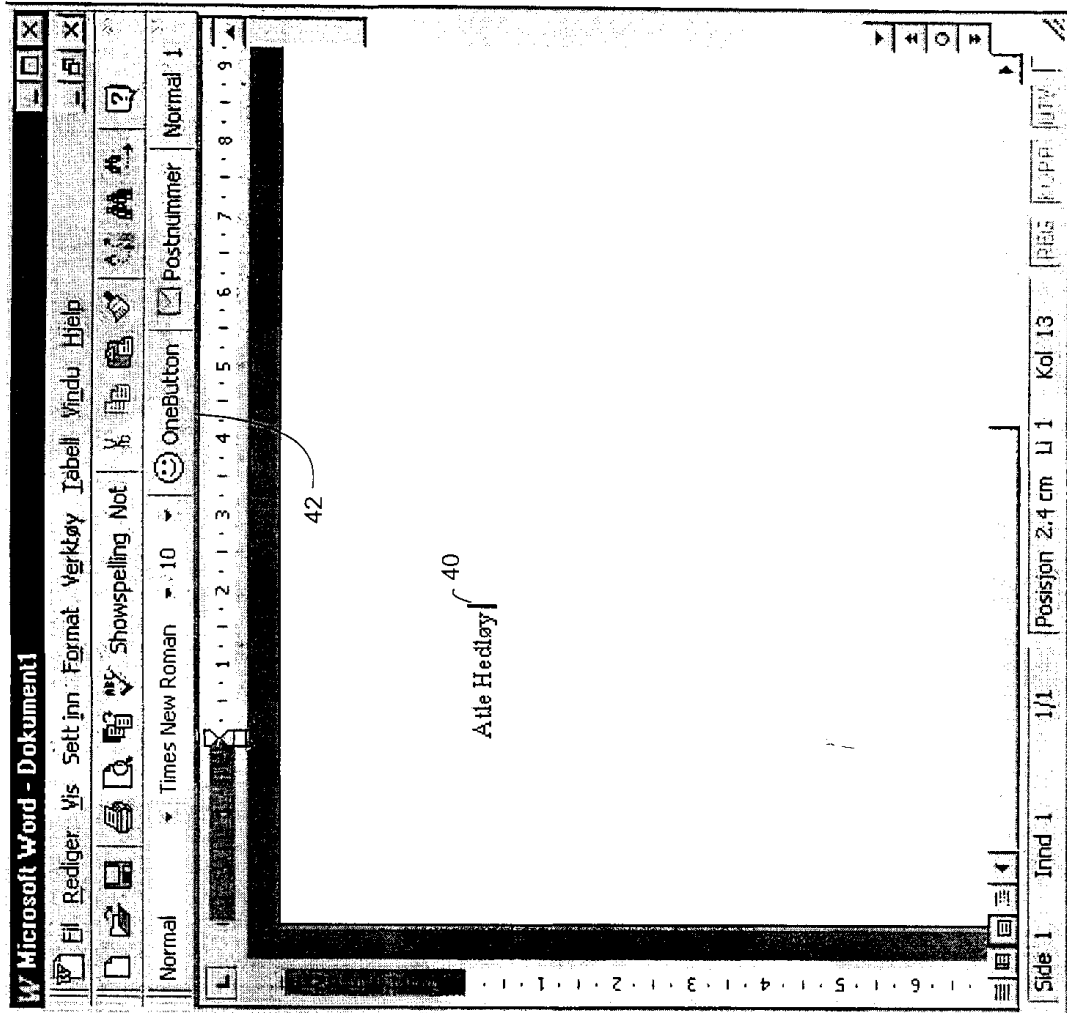


Figure 3

Microsoft Word - Dokument1

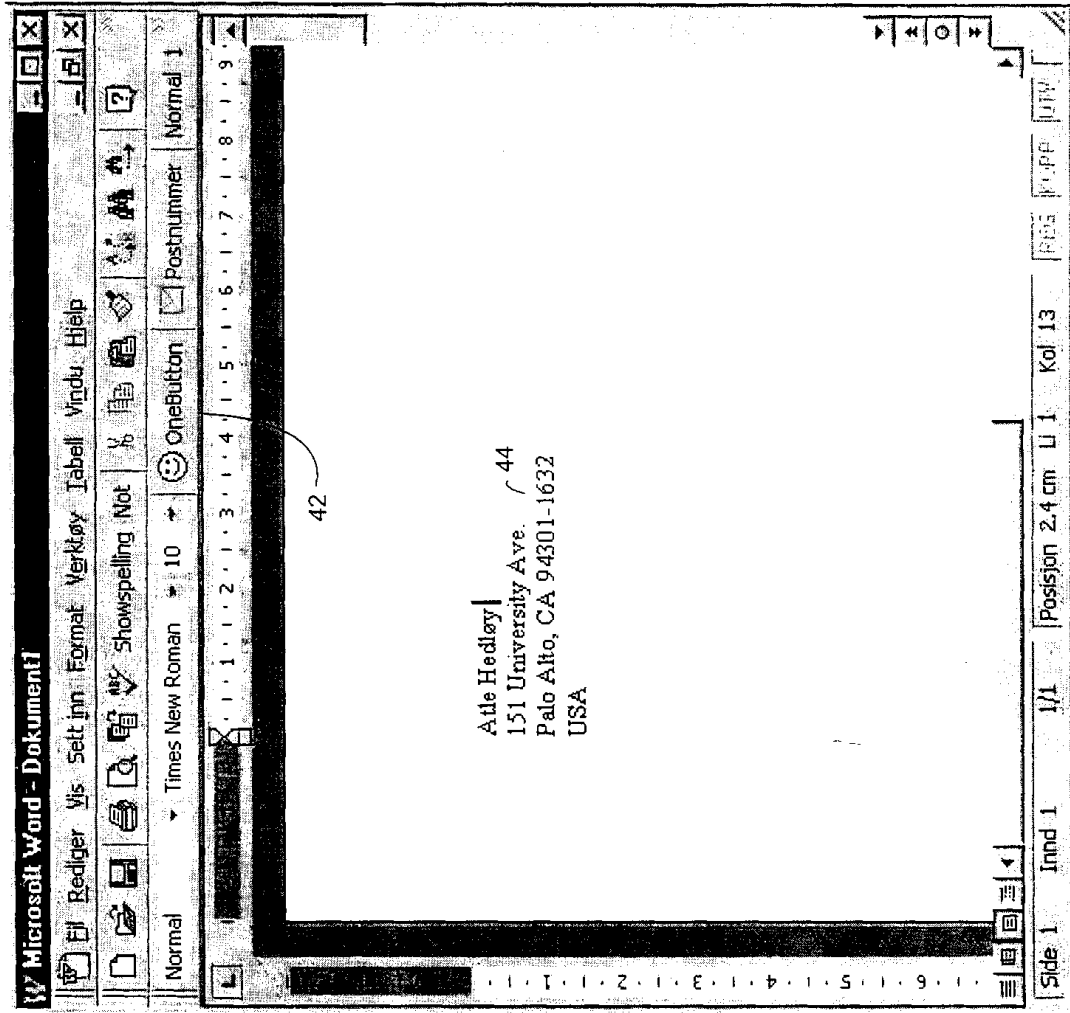


Figure 4

SCOTT'S SERVICES

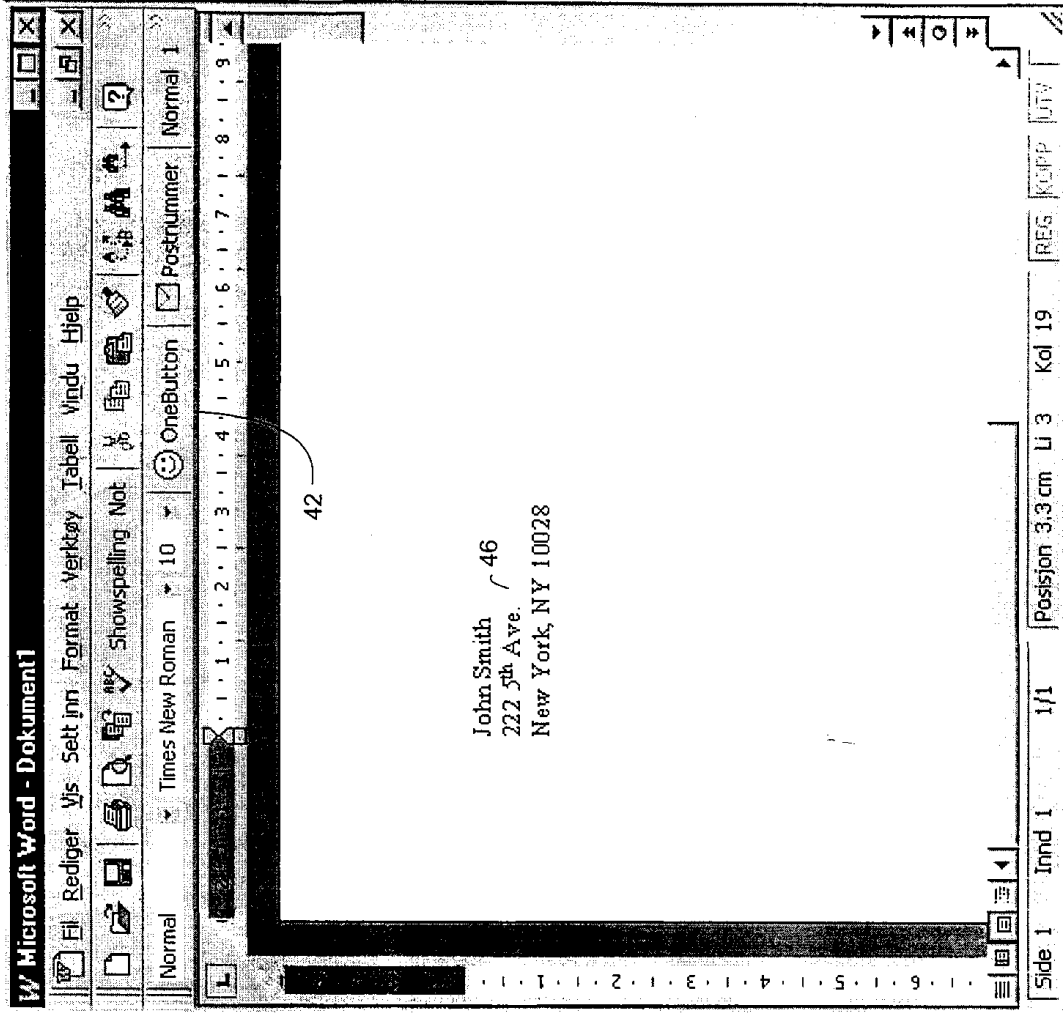


Figure 5

SECRET

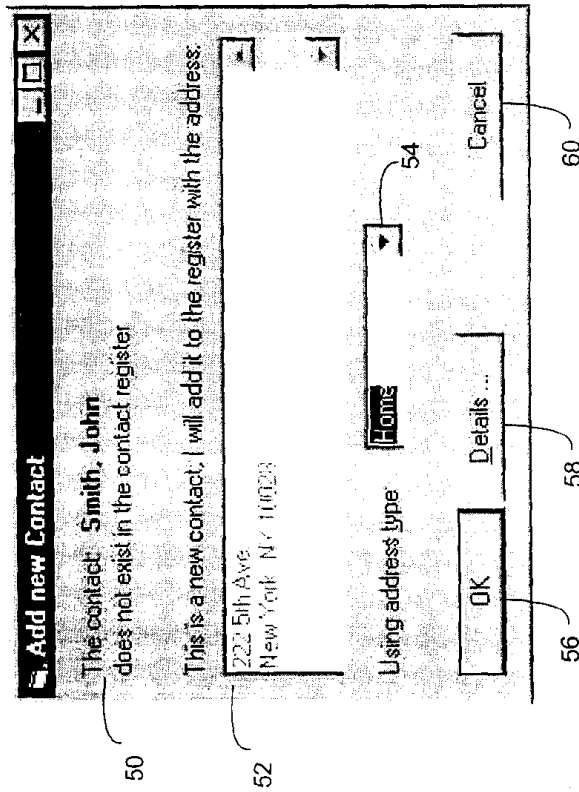


Figure 6

6300117 92306168

Arendi OneButton Contact Register

Name		Address type: Home 54	
Title		Street	222 5th Ave.
First	John	City	New York
Middle		State/Province	NY
Last	Smith	ZIP/Postal code	10028
Suffix		Country	
Company			

62

64

Options...

Dette er en test

66

Cancel

60

Figure 7

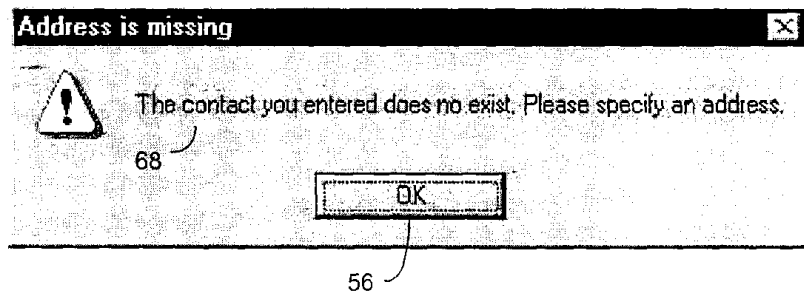


Figure 8

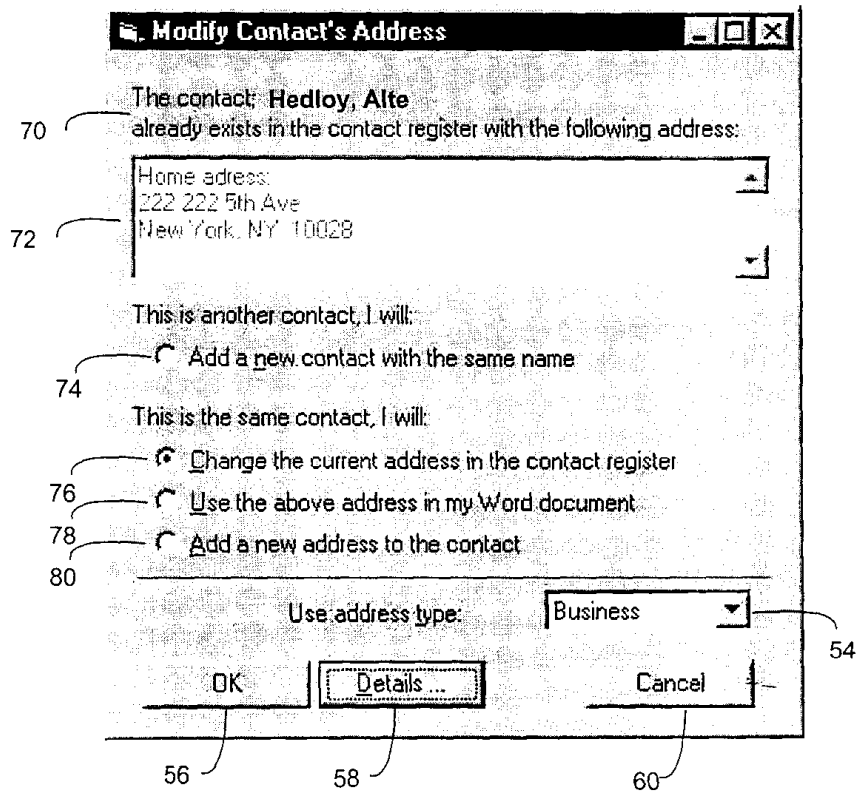


Figure 9

4400753 4400753

Arendi OneButton Contact Register

Existing addresses with the same name

Name	Addr. type	Address	Zip	City	Country
Zile Hedley	Business	113 Terrasse street	12191-4292	New York	United States of
	Home	113 113 Jacob Aall street	12191-4292	New York	

Name
Zile Hedley

Address
113 Terrasse street
New York NY 12191-4292
United States of America

Options... **Choose** **Full details...** **More >>>**

Delete entry test **Cancel**

82 84 86 88 90 60 66

Figure 10

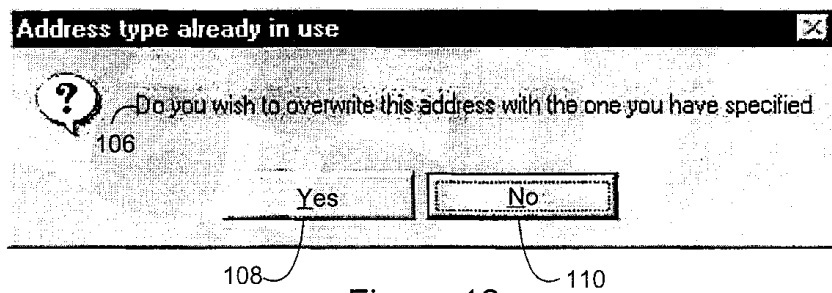


Figure 13

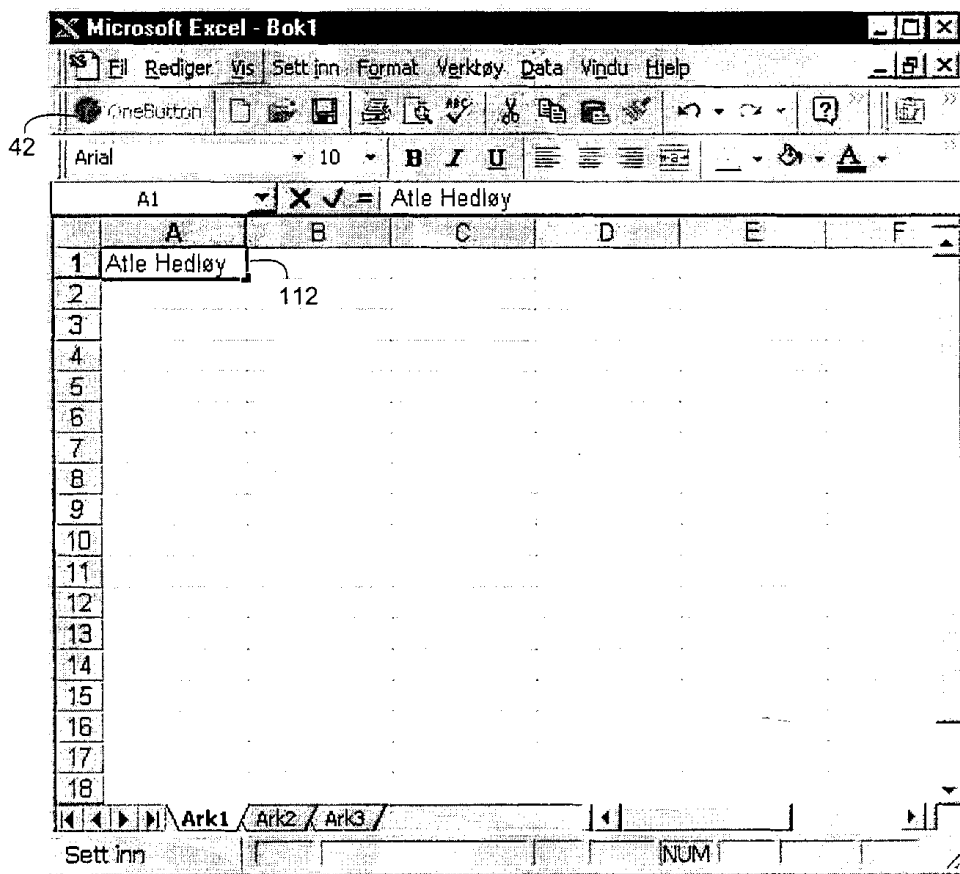


Figure 14

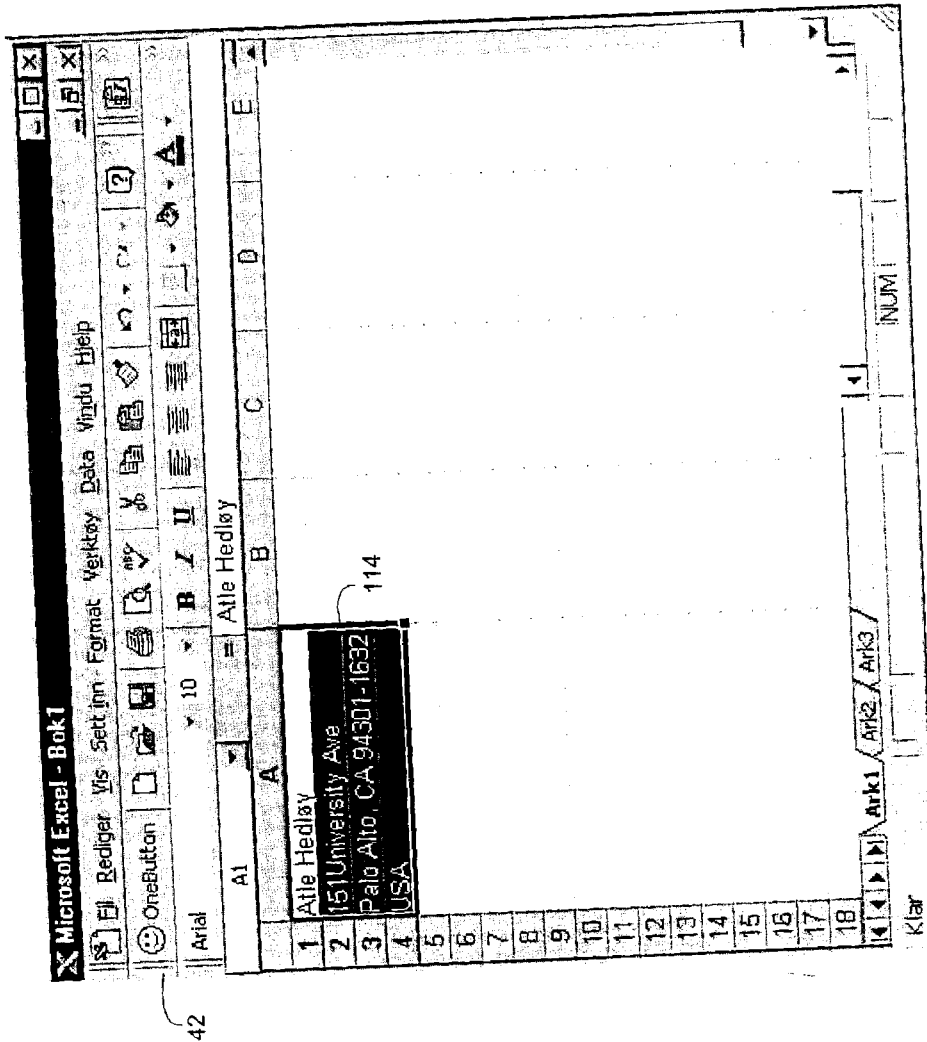


Figure 15

FIG. 16

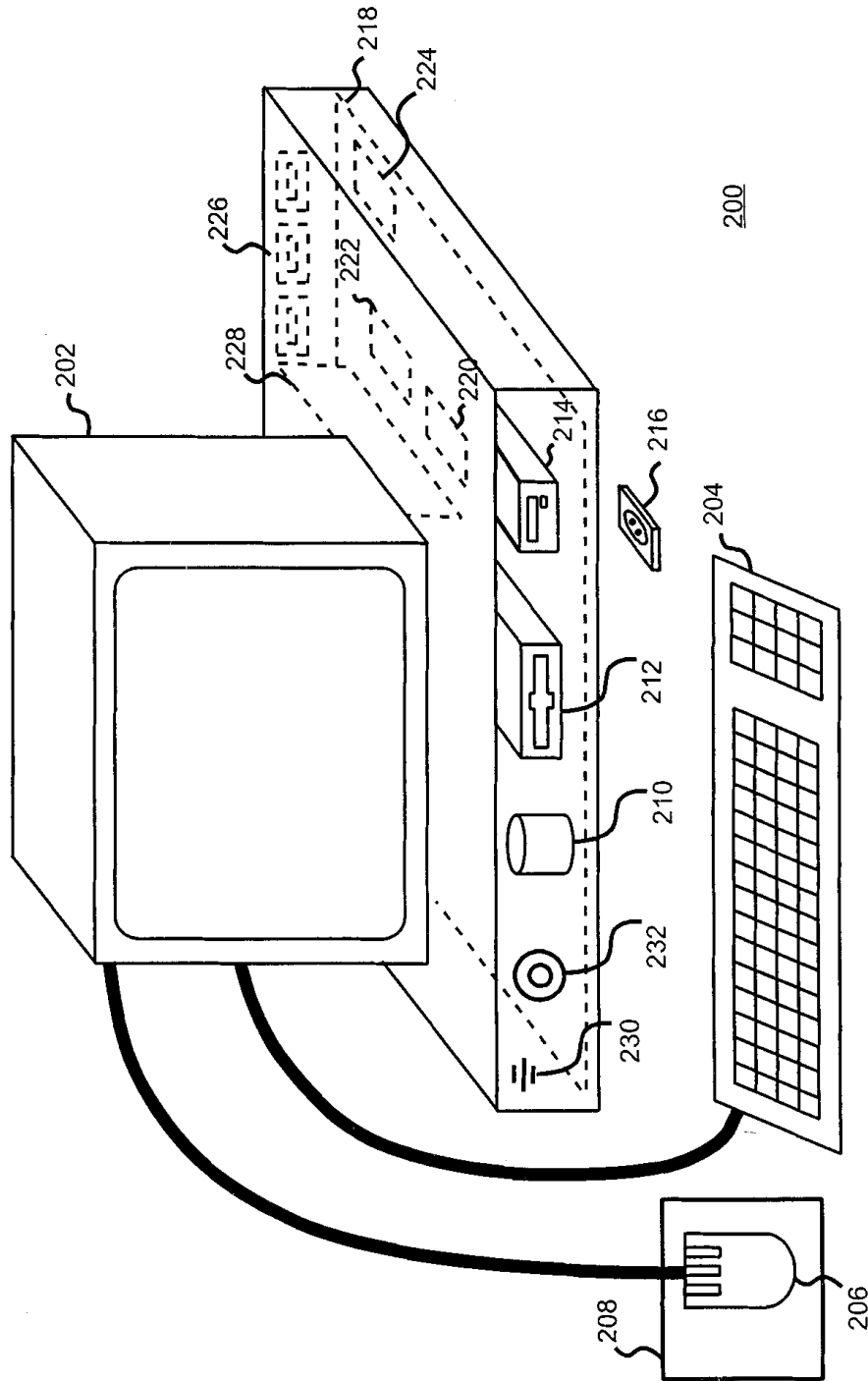


Figure 16

One Button Contact and Address Invention
 Flow Chart
 In principle: Exact implementation may vary

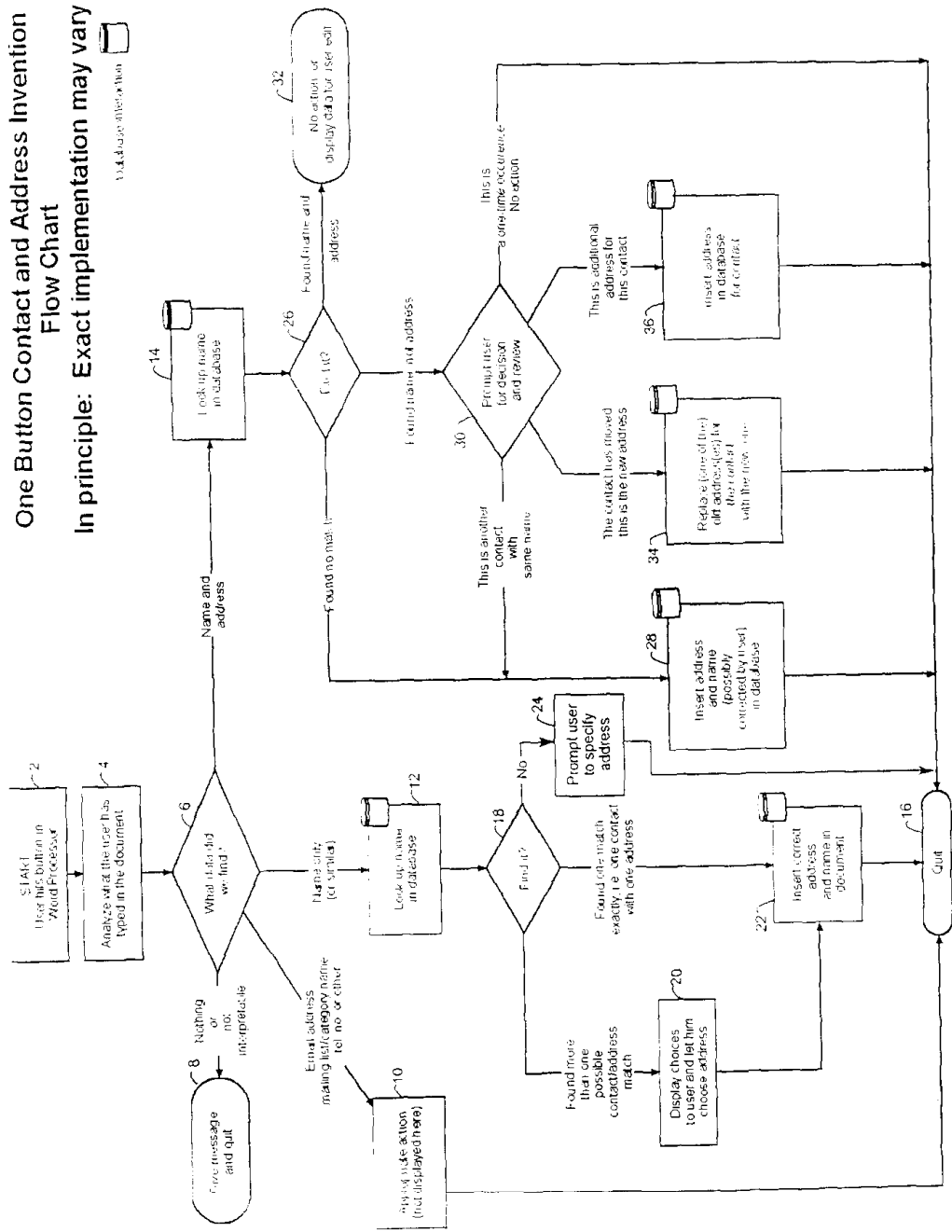


Figure 1

16 R95.

One Button Contact and Address Invention
 Flow Chart

In principle: Exact implementation may vary

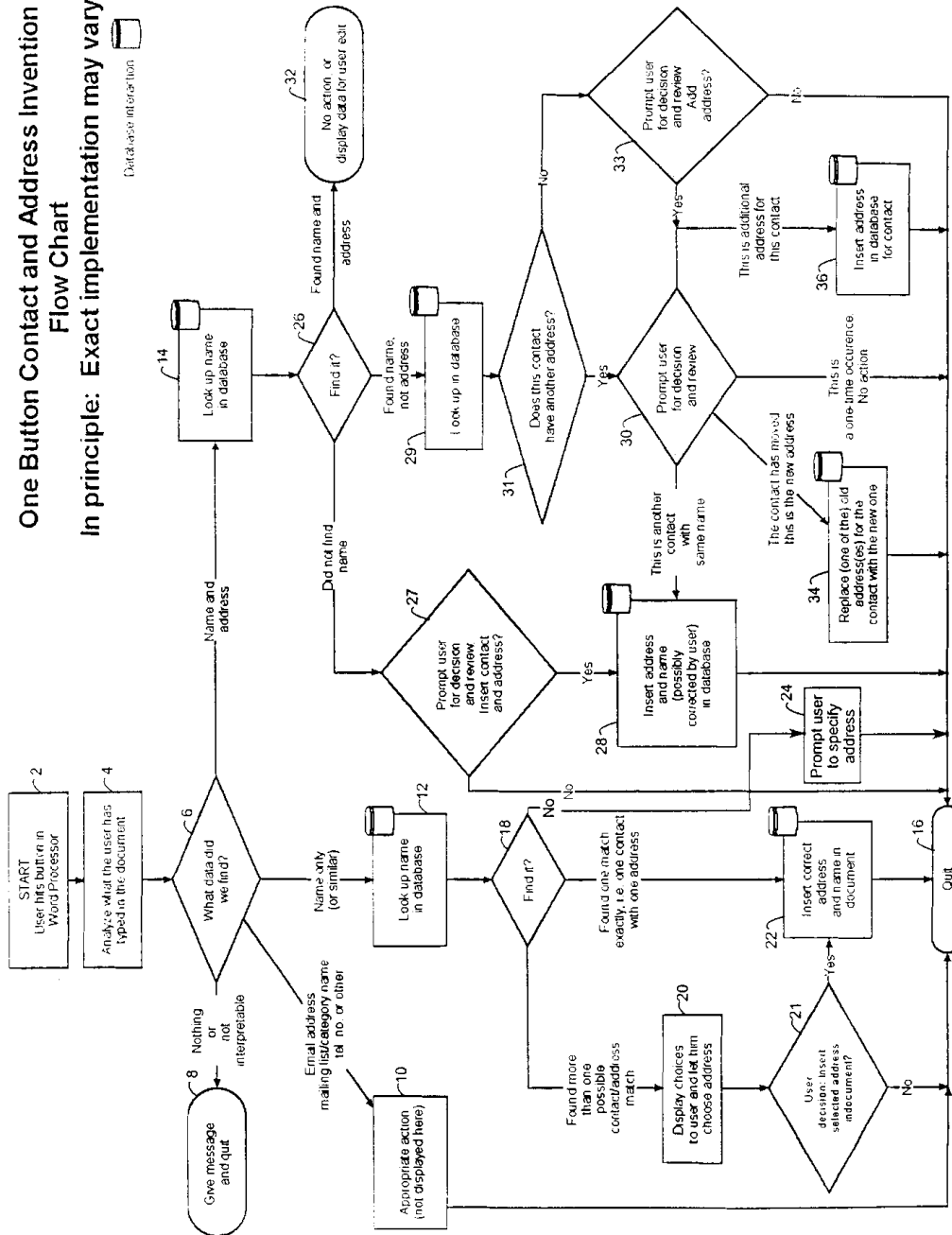


Figure 2

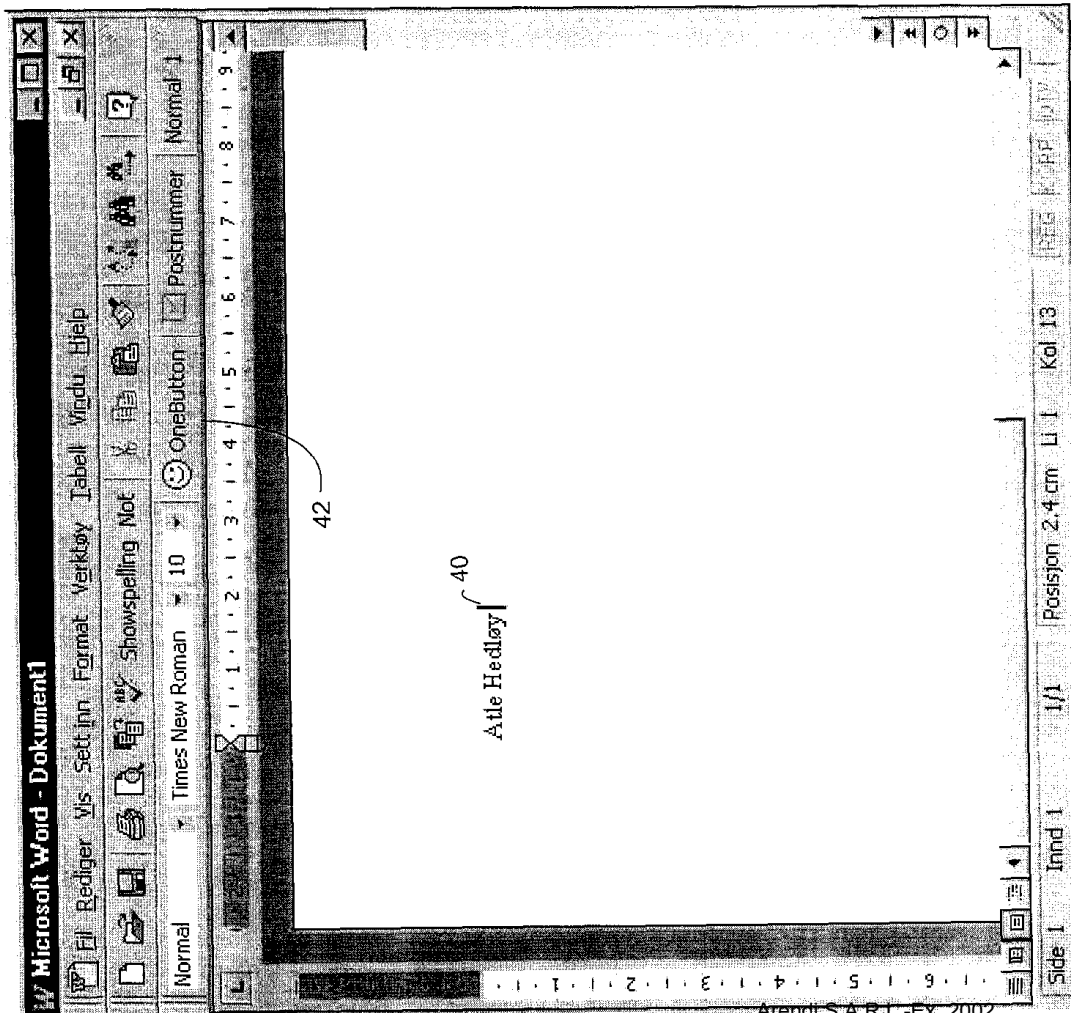


Figure 3

9877-0001-20

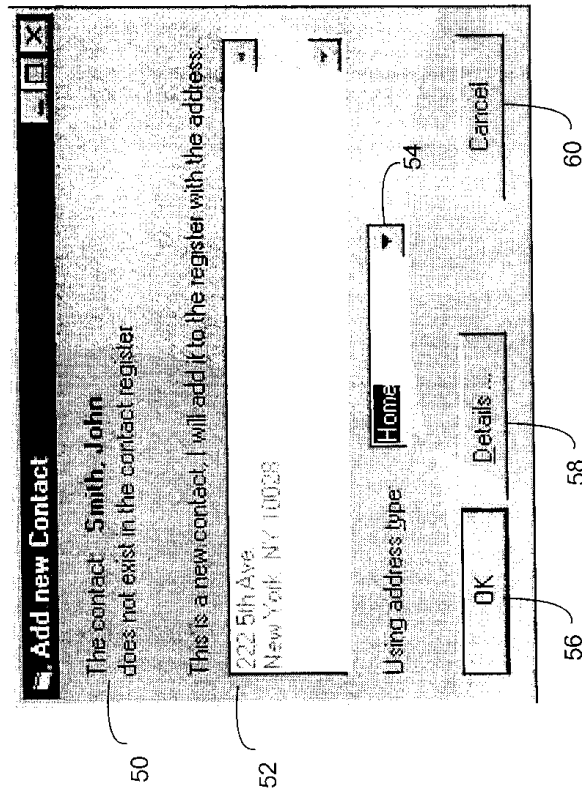


Figure 6

Arendi OneButton Contact Register

Name

Title

First: John

Middle:

Last: Smith

Suffix

Company

Add and Choose

Options...

Delete en test

Address type: Home

Street: 222 5th Ave.

City: New York

State/Province: NY

ZIP/Postal code: 10028

Country:

Cancel

62

64

66

Figure 7

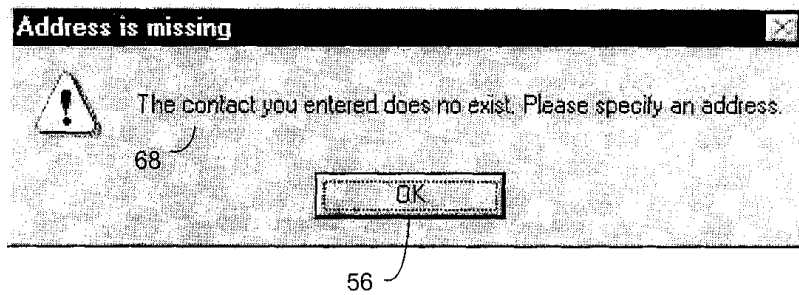


Figure 8

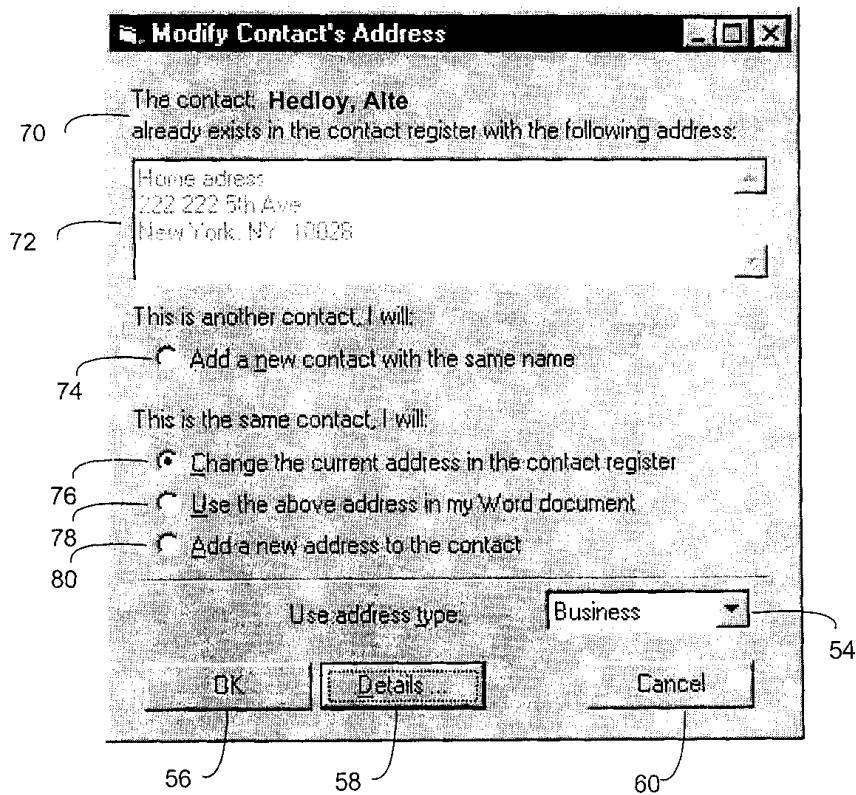


Figure 9

ADDRESS SUBSTITUTION

OBLON ET AL (703) 413-3000
DOCKET # 9877-0001-20
SHEET 9 OF 14

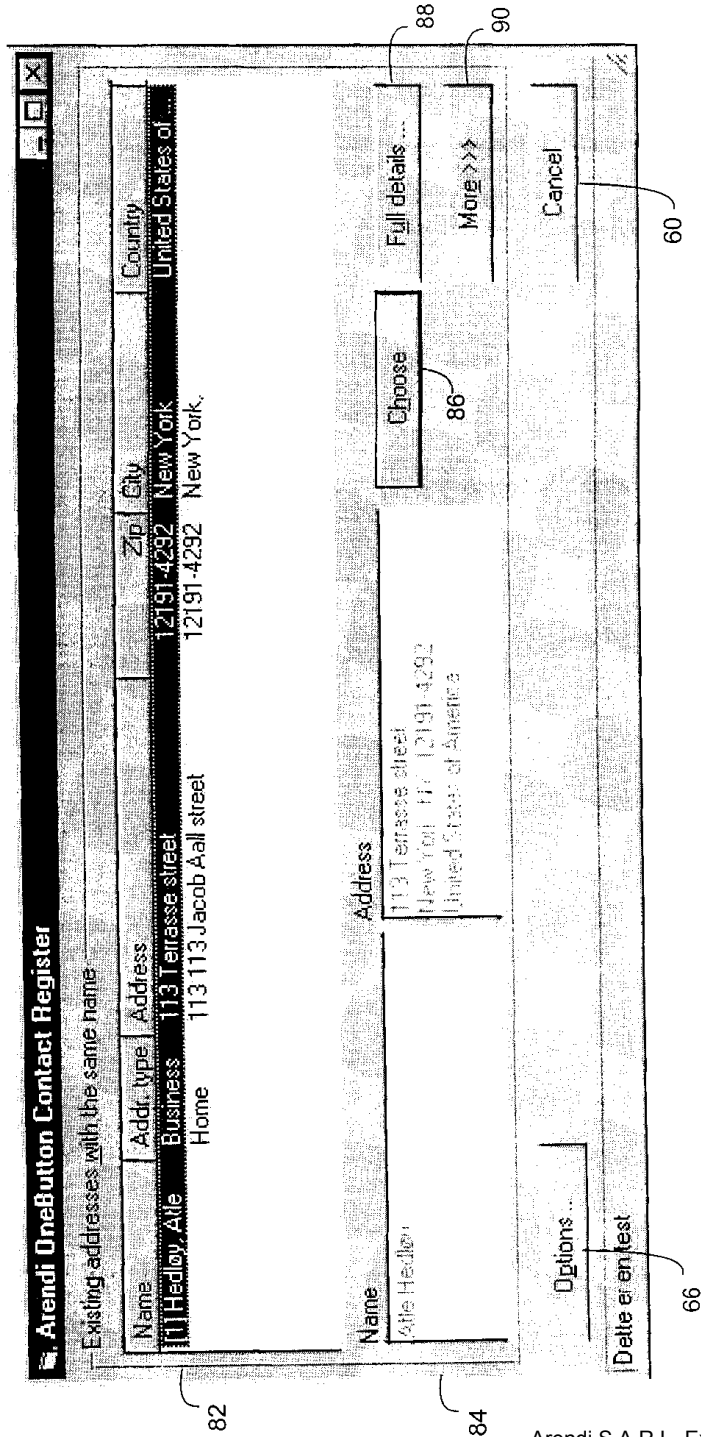


Figure 10

Arendi OneButton Contact Register

Existing addresses with the same name

Name	Addr. type	Address	Zip	City	Country
[1] Hedley, Ale	Business	113 Terrace street	12191-4292	New York	United States of ...
	Home	113 113 Jacob Aall street	12191-4292	New York	

82

84

Name: Ale Hedley

86

Choose

88

Full details...

90

<<< Less

62

Name: Title, First, Middle, Last, Suffix, Company

64

Add and Choose

Options...

Delete et en text

66

Address type: Home, Business

54

Home: 151 University Ave.

Address: Street, City, State/Province, ZIP/Postal code, Country

60

92

Add this address to: ... contact above

Cancel

Figure 11

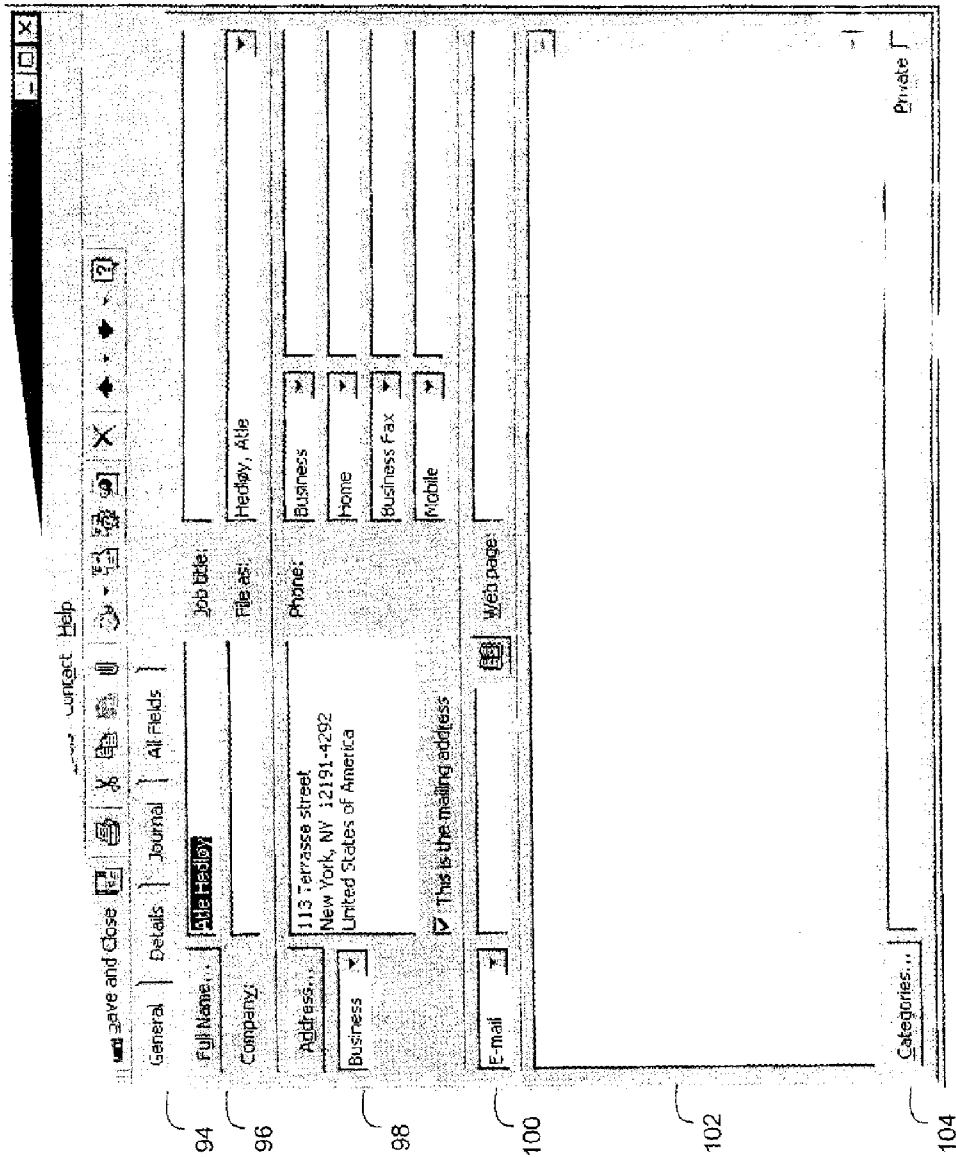


Figure 12

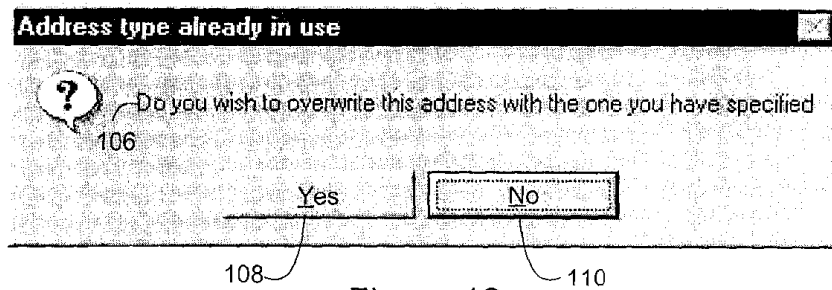


Figure 13

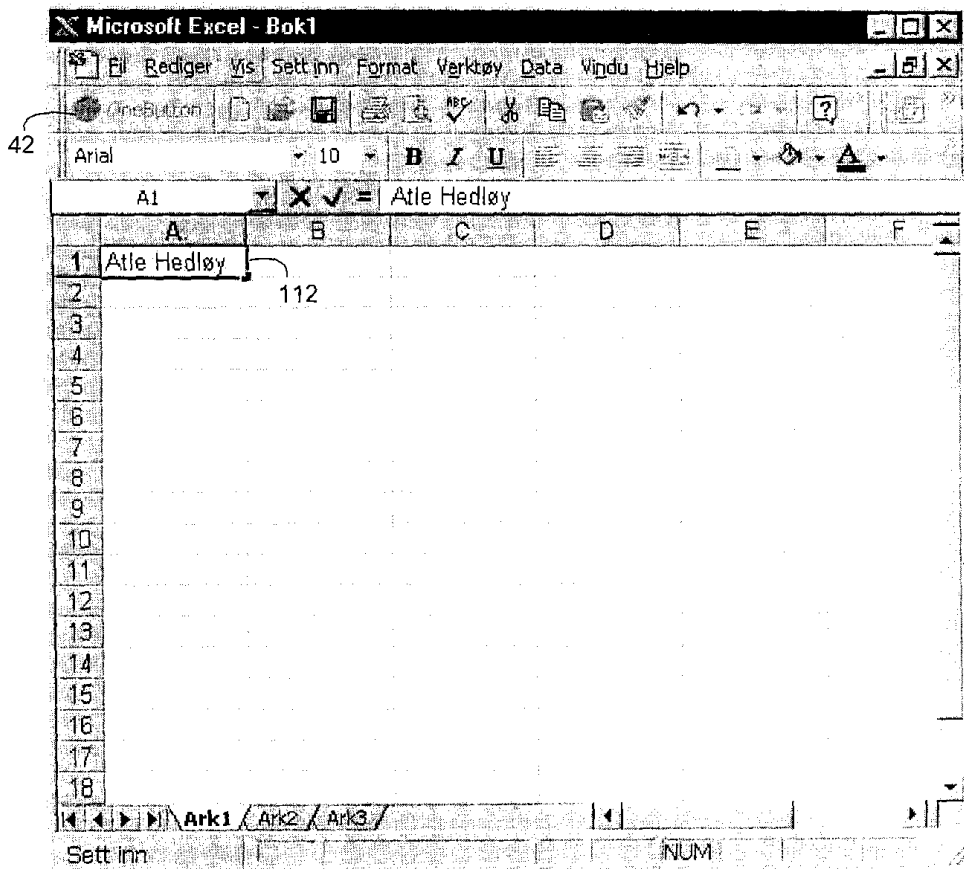


Figure 14

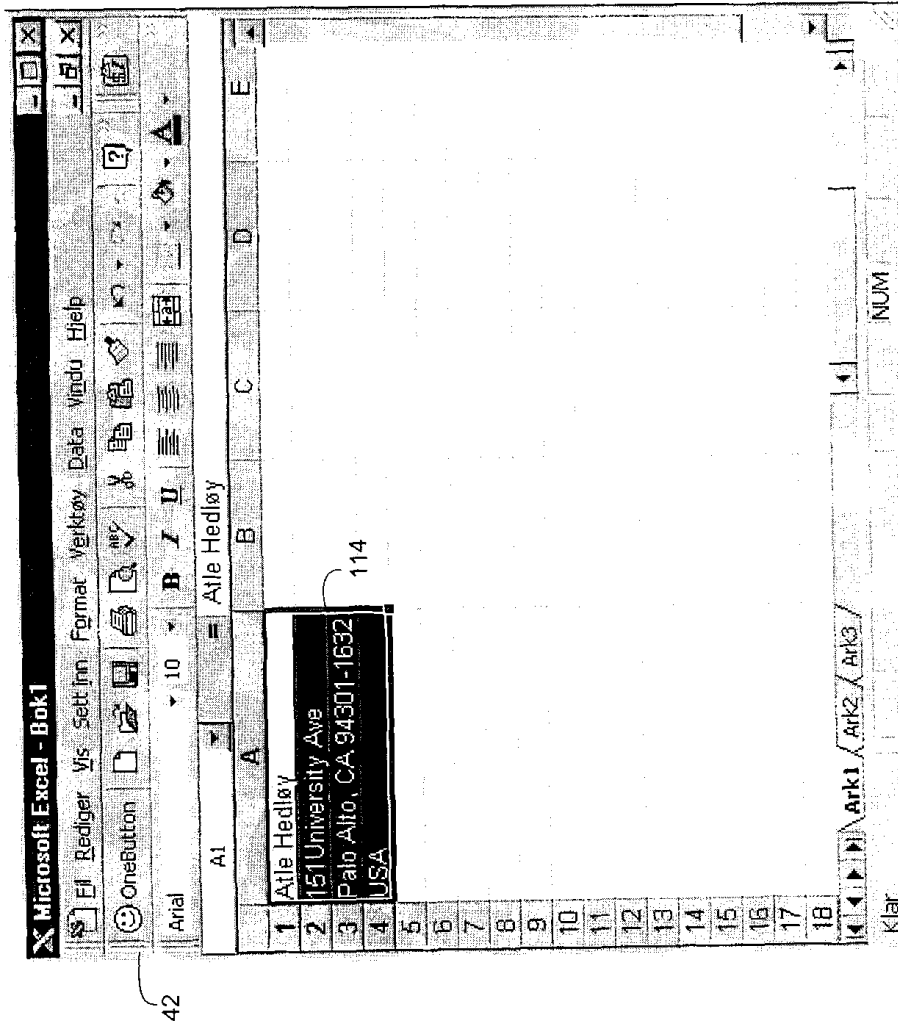


Figure 15

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

09/189626

CLAIMS AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	7 minus 20 = *	
INDEPENDENT CLAIMS	1 minus 3 = *	
MULTIPLE DEPENDENT CLAIM PRESENT		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

AMENDMENT A	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 105 Minus	** 20 =	85
Independent	* 1 Minus	*** 3 =	-
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT B	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 105 Minus	** 105 =	-
Independent	* 1 Minus	*** 1 =	-
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT C	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* Minus	** =	
Independent	* Minus	*** =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE <input type="checkbox"/>		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
	380.00	OR		760.00
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL		OR	TOTAL	760

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=	765	OR	X\$18=	
X39=		OR	X78=	
+130=	\$130	OR	+260=	
TOTAL ADDIT. FEE	895	OR	TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	
X39=		OR	X78=	
+130=		OR	+260=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

**MULTIPLE DEPENDENT CLAIM
FEE CALCULATION SHEET
(FOR USE WITH FORM PTO-875)**

SERIAL NO.

09/189 626

FILING DATE

11-10-98

APPLICANT(S)

ATLE HEDLOY


CLAIMS

	AS FILED		AFTER A 1st AMENDMENT		AFTER 2nd AMENDMENT		*Pre Amt A*		*	
	IND.	DEP.	IND.	DEP.	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	/									
2		/								
3		/								
4		/								
5		/								
6		/								
7		/								
8			/							
9				/						
10				/						
11				/						
12				/						
13				/						
14				/						
15				/						
16				/						
17				/						
18				/						
19				/						
20				/						
21				/						
22				14						
23				14						
24				/						
25				/						
26				/						
27				/						
28				/						
29				/						
30				/						
31				/						
32				/						
33				/						
34				/						
35				/						
36				/						
37				/						
38				/						
39				/						
40				/						
41				/						
42				/						
43				/						
44				/						
45				/						
46				/						
47				/						
48				/						
49				/						
50				/						
51				/						
52				/						
53				/						
54				/						
55				/						
56				/						
57				/						
58				/						
59				/						
60				/						
61				/						
62				/						
63				/						
64				/						
65				/						
66				/						
67				/						
68				/						
69				/						
70				/						
71				/						
72				/						
73				/						
74				/						
75				/						
76				/						
77				/						
78				/						
79				/						
80				/						
81				/						
82				/						
83				/						
84				/						
85				/						
86				/						
87				/						
88				/						
89				/						
90				/						
91				/						
92				/						
93				/						
94				/						
95				/						
96				/						
97				/						
98				/						
99				/						
100				/						
TOTAL IND.	6									
TOTAL DEP.		6								
TOTAL CLAIMS	7									
TOTAL IND.							1			
TOTAL DEP.								104		
TOTAL CLAIMS							105			

UTILITY PATENT APPLICATION TRANSMITTAL <small>for nonprovisional applications under 37 CFR 1.53(b)</small>	Attorney Docket No.	9877-0001-20
	First Inventor or Application Identifier	ATLE HEDLOY
	Title	METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

0610/98
 11/10/98
 3551 U.S. PTO
 09/189626
 11/10/98

<p>APPLICATION ELEMENTS <small>see MPEP chapter 600 concerning utility patent application contents</small></p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="22"/></p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets <input type="text" value="14"/></p> <p>4. <input type="checkbox"/> Oath or Declaration Total Pages <input type="text"/></p> <p style="margin-left: 20px;">a. <input type="checkbox"/> Newly executed (original or copy)</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <small>(for continuation/divisional with box 15 completed)</small></p> <p style="margin-left: 40px;">i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</small></p> <p>5. <input type="checkbox"/> Incorporation By Reference <small>(usable if box 4B is checked)</small> <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small></p>	<p>ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231</p> <p style="text-align: center;">ACCOMPANYING APPLICATION PARTS</p> <p>6. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>7. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></p> <p>8. <input type="checkbox"/> English Translation Document <small>(if applicable)</small></p> <p>9. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>10. <input type="checkbox"/> Preliminary Amendment</p> <p>11. <input checked="" type="checkbox"/> White Advance Serial No. Postcard</p> <p>12. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application. Status still proper and desired.</p> <p>13. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>14. <input checked="" type="checkbox"/> Other: LIST OF INVENTORS</p>
<p>15. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.:</p> <p>Prior application information: Examiner: Group Art Unit:</p>	
<p>16. Amend the specification by inserting before the first line the sentence:</p> <p><input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of application Serial No. Filed on</p> <p><input type="checkbox"/> This application claims priority of provisional application Serial No. Filed</p>	
<p>17. CORRESPONDENCE ADDRESS</p> <p>OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202 (703) 413-3000 FACSIMILE: (703) 413-2220</p>	

Name:	Eckhard H. Kuesters Attorney of Record	Registration No.:	28,870
Signature:		Date:	11/10/98
Name:	Carlos R. Villamar	Registration No.:	43,224

Docket No. 9877-0001-20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) ATLE HEDLOY

SERIAL NO: NEW APPLICATION

FILING DATE: HEREWITH

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

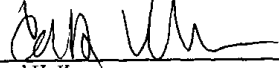
FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	7 - 20 =	0	× \$22 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	× \$82 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$790.00
TOTAL OF ABOVE CALCULATIONS				\$920.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$920.00

COPY TO BE FILED

- Please charge Deposit Account No. 15-0030 in the amount of _____ A duplicate copy of this sheet is enclosed.
- A check in the amount of \$920.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Eckhard H. Kuesters

Date: 11/10/98

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)

Registration No. 28,870
Attorney of Record
Carlos R. Villamar
Registration No. 43,224



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE

#2

DATE MAILED:

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a small entity (statement filed) non-small entity is \$ _____.

- 1. The statutory basic filing fee is:
 - missing.
 - insufficient.
 Applicant must submit \$ _____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.
 - \$ _____ for _____ independent claims over 3.
 - \$ _____ for _____ dependent claims over 20.
 - \$ _____ for multiple dependent claim surcharge.
 Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- 3. The oath or declaration:
 - is missing or unexecuted.
 - does not cover the newly submitted items.
 - does not identify the application to which it applies.
 - does not include the city and state or foreign country of applicant's residence.
 An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.
- 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- 7. Your filing receipt was mailed in error because your check was returned without payment.
- 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."
- 9. OTHER: _____

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Customer Service Center
 Initial Patent Examination Division (703) 308-1202

Arendi S.A.R.L.-Ex. 2002
 Page 92 of 210

Declaration, Power Of Attorney and Petition



WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A
COMPUTER PROGRAM

the specification of which

is attached hereto.

was filed on November 10, 1998 as
Attorney's Docket
Application Serial No. 9877-0001-20
and amended on _____.

was filed as PCT international application
Number _____
on _____,
and was amended under PCT Article 19
on _____ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Priority Claimed	
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

We (I) hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

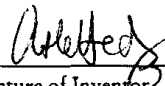
We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States 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 in 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.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
_____	_____	_____
_____	_____	_____
_____	_____	_____

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,599; Arthur I. Neustadt, Registration Number 24,854; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert F. Gnuse, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Baxter, Registration Number 32,884; Martin M. Zoltick, Registration Number 35,745; Robert W. Hahl, Registration Number 33,893; Richard L. Treanor, Registration Number 36,379; Steven P. Weihrouch, Registration Number 32,829; John T. Goolkasian, Registration Number 26,142; Marc R. Labgold, Registration Number 34,651; William J. Healey, Registration Number 36,160; Richard L. Chinn, Registration Number 34,305; Steven E. Lipman, Registration Number 30,011; Carl E. Schlier, Registration Number 34,426; James J. Kulbaski, Registration Number 34,648; Catherine B. Richardson, Registration Number 39,007; Richard A. Neifeld, Registration Number 35,299; J. Derek Mason, Registration Number 35,270; and Surinder Sachar 34,423; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (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 Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

ATLE HEDLOY
NAME OF FIRST SOLE INVENTOR


Signature of Inventor

Dec. 21- 1998
Date

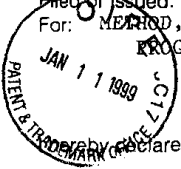
Residence: Terrasseveien 12
1320 Stabekk
Norway
Citizen of: Norway
Post Office Address: same as above

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

efm 3 of 3

Applicant or Patentee: Atle Hedloy
Serial or Patent No.: _____ Atty. Dkt. No.: 9877-0001-20
Filed or Issued: November 10, 1998

For: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM



**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**



I declare that I am

- (X) the owner of the small business concern identified below:
- () an official of the small business concern empowered to act on behalf of the concern identified below:

OBLON, SPIVAK, McCLELLAND
MAIER & NEUSTADT, P.C.

NAME OF CONCERN ARENDI AS
ADDRESS OF CONCERN P.O. Box 139
1321 Stabekk, Norway

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM by inventor(s) Atle Hedloy

described in

- () the specification filed herewith
- (X) application serial no. _____, filed November 10, 1998,
- () patent no. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____
 () INDIVIDUAL () SMALL BUSINESS CONCERN () NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
 () INDIVIDUAL () SMALL BUSINESS CONCERN () NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

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 section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Atle Hedloy
TITLE OF PERSON OTHER THAN OWNER _____
ADDRESS OF PERSON SIGNING Terrasseveien 12, 1320 Stabekk, Norway

SIGNATURE [Signature] DATE DEC. 21, 1998

DOCKET NO: 9877-0001-20

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Title HEDLOY

ATTENTION:
APPLICATION BRANCH

SERIAL NO: 09/189,626

FILED: NOVEMBER 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE...

SUBMISSION OF VERIFIED STATEMENT CLAIMING
SMALL ENTITY STATUS UNDER 37 CFR 1.28(a)

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

In accordance with the provisions of 37 CFR 1.28(a), Applicant submits herewith a Verified Statement Claiming Small Entity Status in a timely manner.

Further, it is requested that the additional fees paid upon filing the subject application be refunded to Deposit Account 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No: 28,870

Registration Number 27,295

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax No.: (703) 413-2220



UNITED STATES DEPARTMENT OF COMMERCE
 Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

#3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/189,626	11/10/98	HEDLOY	



0732/1204
 ALON RIVAR MOULLELAND MAIER / DEUSTANT
 1755 JEFFERSON DAVIS HIGHWAY
 4TH FLOOR
 ARLINGTON VA 22202

9872-4001 20
 NOT ASSIGNED
 12/11/98

DATE MAILED:

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

Rec'd Dec 2-11-09

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

small entity (statement filed) non-small entity is \$ 0

- 1. The statutory basic filing fee is:
 - missing.
 - insufficient.
 Applicant must submit \$ _____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27):
- 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.
 - \$ _____ for _____ independent claims over 3.
 - \$ _____ for _____ dependent claims over 20.
 - \$ _____ for multiple dependent claim surcharge.
 Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- 3. The oath or declaration:
 - is missing or unexecuted.
 - does not cover the newly submitted items.
 - does not identify the application to which it applies.
 - does not include the city and state or foreign country of applicant's residence.
 An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
 A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

 An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.
- 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- 7. Your filing receipt was mailed in error because your check was returned without payment.
- 8. The application does not comply with the Sequence Rules.
 See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."
- 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Customer Service Center
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FORM PTO-1533 (REV.9-97)



DOCKET NO: 9877-0001-20

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Atle HEDLOY

ATTENTION:
APPLICATION BRANCH

SERIAL NO: 09/189,626

FILED: NOVEMBER 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE...

SUBMISSION OF VERIFIED STATEMENT CLAIMING
SMALL ENTITY STATUS UNDER 37 CFR 1.28(a)

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

In accordance with the provisions of 37 CFR 1.28(a), Applicant submits herewith a Verified Statement Claiming Small Entity Status in a timely manner.

Further, it is requested that the additional fees paid upon filing the subject application be refunded to Deposit Account 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

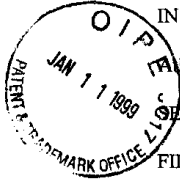
Eckhard H. Kuesters
Attorney of Record
Registration No: 28,870

Robert F. Grosse
Registration Number 27,295

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax No.: (703) 413-2220

Docket No.: 9877-0001-20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE APPLICATION OF:

He HEDLOY

SERIAL NO.: 09/189,626

FILED: NOVEMBER 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER
READABLE...

ATTN: APPLICATION PROCESSING DIVISION

SUBMISSION OF DECLARATION IN
COMPLIANCE WITH 37 C.F.R. 1.53(f)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the notification dated DECEMBER 4, 1998, and in accordance with the provisions of 37 C.F.R. 1.53(f), Applicants submit herewith a Rule 63 Declaration. The required fee was paid at the time of filing the application.

The Declaration enclosed herewith contains the following information:

Name of Inventor(s)
Title of Invention
Attorney Docket Number
Filing Date

thereby adequately identifying the above-identified application in accordance with 37 C.F.R. 1.63, as set forth in MPEP Section 601.01.

In light of the foregoing, the application is deemed to be complete and in condition for examination, and such favorable action is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

A handwritten signature in black ink, appearing to read "Eckhard H. Kuesters".

Eckhard H. Kuesters
Registration No. 28,870
Attorney of Record

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia, 22202
(703) 413-3000/ Fax No. (703) 413-2220
(OSMMN 1/97)
EHK:ttb

Robert F. Guss
Registration Number 27,295

0300

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202 U.S.A.

(703) 413-3000

(703) 413-2220 FACSIMILE

OBLONPAT@OBLON.COM

WWW.OBLON.COM

PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED FEDERAL AND ITC LITIGATION



NORMAN F. OBLON
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
RICHARD D. KELLY
JAMES D. HAMILTON
ECKHARD H. KUESTERS
ROBERT T. POULS
DAVID J. KERR
CHARLES L. GHOLZ
VINCENT J. SUNDERDICK*
WILLIAM E. BEALMONT
STEVEN B. KELBER*
ROBERT F. GAULISE
JEAN-PAUL LAVALLEYE, PH.D.
JEFFREY H. KAUFMAN
BRIAN D. ANDERSON
ROBERT S. BREN
STEPHEN G. BAXTER, PH.D.
MARTIN M. ZOLTICK
ROBERT W. HAHN, PH.D.
RICHARD L. TREADER, PH.D.
STEPHEN F. WEIBROUCH
JOHN T. GOOLKASIAN*
MARTIN R. LABGOLD, PH.D.*
RICHARD L. CHIAN, PH.D.
STEPHEN LIPMAN
CARL MAIER
JAY S. SEBASTIAN
CATHY B. BROWN*
RICHARD A. NEFFELI, PH.D.
JAMES MASON, PH.D.
STEPHEN SACHAR
JOHN HUDIS

GERALD J. MOSSINGHOFF
MILTON STERMAN
SAMUEL H. BLECH*
JOHN D. TRESANSKY*
ALTON D. ROLLINS
JAMES R. BOLER*
HARRIS A. PITLUCK*
RAYMOND F. CARDILLO, JR.
WILLIAM T. ENOS*
MASAYASU MORI*†
FRANK J. WESS*
SHARON E. CRANE, PH.D.*
BRADLEY D. LYTLE
CHRISTINA M. GADIANO
KARL D. KOVACH*
JEFFREY B. MCINTYRE*
KATHLEEN COONEY-PORTER*
ANDREW M. OLLUS
MARGO LIVESAY, PH.D.*
AMY L. HULINA
MICHAEL A. GUILIANA*
MARY F. LOVE*
CORWIN P. LIMBACH, PH.D.
ROB MYERS*
PAUL E. RAUICH, PH.D.*
MICHAEL R. CASEY, PH.D.*
JOHN R. PINE, PH.D.*
GEORGE F. LESMES*
JAMES J. KELLY, PH.D.*
CARLOS R. VILLAMAR*
DAVID A. BLEDDING*
STAMATIOS MYLONAKIS, PH.D.*
ROBERT C. MATTSOY*

DOCKET NO: 9877-0010

ATTN: APPLICATION BRANCH

**THIS IS A RESPONSE TO A
NOTICE TO FILE MISSING PARTS OF APPLICATION**

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Re: Inventor: Atle HEDLOY
Serial No.: 09/189,626
Filed: NOVEMBER 10, 1998
For: METHOD, SYSTEM AND COMPUTER
READABLE...

SIR:
Attached hereto for filing are the following papers:

- Submission of Verified Statement
- Verified Statement
- Notice to File Missing Parts
- Submission of Declaration/Declaration

Our check in the amount of \$ 00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870
Robert F. Gnuise

Registration Number 27,295

Docket No. 9877-0001-20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE APPLICATION OF: Atle HEDLOY
SERIAL NO: 09/189,626
FILED: NOVEMBER 10, 1998
FOR: METHOD, SYSTEM AND COMPUTER PROGRAM



GAU: 2774
EXAMINER: UNASSIGNED

#HAKS
1011018
1-239
KFW

RECEIVED
MAR 25 1999

Group 2700

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RECEIVED

SIR:
Applicant(s) wish to disclose the following information.

APR 21 1999

Group 2700

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

PETITION

- Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR §1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Registration No. 28,870

Carlos R. Villamar
Registration No. 43,224

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)



ATTACH TO PAPER #7
SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 9877-0001-20		SERIAL NO. 09/189,626	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Atle Hedloy		MAR 25 1999	
				FILING DATE November 10, 1998		GROUP Group 2700 2774 2773	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Cnd	AA	5,226,117	07/06/93	Miklos	345	356	
	AB	5,331,555	07/19/94	Hashimoto et al	707	531	
	AC	5,416,901	05/16/95	Torres	5	348	
	AD	5,491,783	02/13/96	Douglas et al		335	
	AE	5,491,784	02/13/96	Douglas et al	345	352	
	AF	5,500,859	03/19/96	Shama et al	377	468	
	AG	5,530,853	06/25/96	Schell et al		1	
	AH	5,546,447	08/13/96	Skarbo et al		142	
	AI	5,606,712	02/25/97	Hidaka	707	1	
	AJ	5,640,565	06/17/97	Dickinson	707		
	AK	5,666,502	09/09/97	Capps	345		
	AL	5,708,804	01/13/98	Goodwin et al	707	3	
	AM	5,761,856	06/02/98	Ben-Shachar	707	4	
	AN	5,805,886	09/08/98	Skarbo et al	707	318	
	AQ	5,826,257	10/20/98	Snelling, Jr.	707	4	
	AP	5,835,089	11/10/98	Skarbo et al	345	335	
Cnd	AQ	5,859,636	01/12/99	Pandit	345	335	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
		AO					
		AP					
		AQ					
		AR					
		AS					
		AT					
		AU					
		AV					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AY						
	AZ						
Examiner C. DELA TORRE					Date Considered 4/14/00		
*Examiner: Initial if reference is 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 form with next communication to applicant.							

#5/A
5-28-99
B. Hilliard



9877-0001-20

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
ATLE HEDLOY : EXAMINER:
SERIAL NO: 09/189,626 :
FILED: NOVEMBER 10, 1998 : GROUP ART UNIT: 2774
FOR: METHOD, SYSTEM AND :
COMPUTER READABLE MEDIUM :
FOR ADDRESSING HANDLING :
FROM A COMPUTER PROGRAM :

RECEIVED
MAY 04 1999
Group 2700

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:
Prior to examination on the merits, please amend the above-identified patent application as follows:

IN THE CLAIMS

~~Please cancel Claims 1-7 without prejudice or disclaimer.~~

~~Please add new Claims 8-86 as follows:~~

Sub
B¹
A¹

~~8. (New) A computerized method for information handling within a document created using an application program, comprising:
providing a record retrieval program;
providing an input device configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program;~~

using said application program to one of enter first information into said document and retrieve said document with first information provided therein;
entering the execute command using the input device after the step of entering the first information;
searching, using the record retrieval program, the information source for second information associated with the first information; and
when the information source includes second information associated with and the first information, performing one of
displaying the second information, and
at least one of inserting and completing at least one of the first and second information in the document.

29. (New) The method of Claim 8, further comprising one of the following steps:
storing the first information in the information source if no second information associated with the first information is found in the information source during said searching step,
changing the second information in the information source based on one of differences and similarities between the first information and the second information,
completing the first information in the document using the second information,
adding one of all and part of the first information to an existing record in the information source associated with one of all and part of the first information,
correcting the first information in the document using the second information,
adding information about said document to said information source, and
adding information about said document to said information source, said added information associated with said second information.

A1

³
~~10~~. (New) The method of Claim ~~8~~¹, wherein said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information.

⁴ ~~11~~. (New) The method of Claim ~~8~~¹, wherein said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

A'
performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information automatically.

⁵ ~~12~~. (New) The method of Claim ~~8~~¹, wherein said second information includes at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof, further comprising:

performing at least one of completing and correcting at least one of a zip code, a city, a state, a county, a country, a street name, a house number, an apartment number, a telephone number, an email address and abbreviations or misspellings thereof in the first information based on the second information with assistance from a user.

~~6~~/¹ 13. (New) The method of Claim ~~8~~/¹, wherein said first information includes an identification of a list of addressees, further comprising:

addressing said document to all of said addressees based on the second information associated with said identification of said list of addressees.

~~7~~/¹ 14. (New) The method of Claim ~~8~~/¹, further comprising:

providing a user the option of making changes to the second information directly in the information source.

~~8~~/¹ 15. (New) The method of Claim ~~8~~/¹, wherein:

A¹ the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

~~9~~/¹ 16. (New) The method of Claim ~~8~~/¹, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

¹⁰
~~17~~ (New) The method of Claim ~~8~~¹, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

¹¹ ~~18~~ (New) The method of Claim ~~8~~¹, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

A'

¹² ~~19~~ (New) The method of Claim ~~8~~¹, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

¹³ ~~20~~ (New) The method of Claim ~~8~~¹, further comprising the step of indicating which part of information in said document is said first information.

¹⁴ ~~21~~ (New) The method of Claim ~~8~~¹, further comprising the step of automatically interpreting which part of information in said document is said first information.

¹⁵ ~~22~~ (New) A computer system configured to perform the steps recited in one of Claims ~~8-21~~^{1, 14}.

¹⁶ ~~23~~ (New) A storage medium storing a program for performing the steps recited in one of Claims ~~8-21~~^{1, 14}.

¹⁷ ~~24~~ (New) The method of Claim ~~8~~², wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

~~18~~³ 25. (New) The method of Claim ~~10~~³, wherein:

A' the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

~~19~~⁴ 26. (New) The method of Claim ~~11~~⁴, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's

title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

~~20~~²⁷ (New) The method of Claim ~~12~~⁵, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

A'

~~21~~²⁸ (New) The method of Claim ~~13~~⁶, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

~~22~~²⁹ (New) The method of Claim ~~14~~⁷, wherein:

the step of using said application program comprises using said application program to enter first information comprising one of a person's name, a person's title, a person's name

and address, a business name, a business name and address, a telephone number, and an email address, or a part thereof, into said document; and

the step of searching comprises searching, using the record retrieval program, the information source for second information comprising one of a person's name, a person's title, a person's name and address, a business name, a business name and address, a telephone number, and an email address, associated with the first information.

23
30. (New) The method of Claim 2, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

A
the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

24
31. (New) The method of Claim 3, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

25
32. (New) The method of Claim 4, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

26~~3~~ (New) The method of Claim ~~12~~⁵, wherein:

A' the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

27~~3~~ (New) The method of Claim ~~13~~⁸, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

28~~3~~ (New) The method of Claim ~~14~~⁷, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

²⁹~~36~~. (New) The method of Claim ~~13~~⁸, wherein:

the step of providing an input device comprises providing an input device comprising one of a touch screen, a keyboard button, an icon, a menu and a voice command device, and configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program; and

the step of displaying the second information comprises displaying the second information comprising one of displaying a message screen with the second information and providing a voiced response of the second information.

³⁰~~37~~. (New) The method of Claim ~~9~~², wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

³¹~~38~~. (New) The method of Claim ~~10~~³, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~32~~⁴ 39. (New) The method of Claim ~~11~~, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~33~~⁵ 40. (New) The method of Claim ~~12~~, wherein the step of using said application program comprises:

A using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~34~~⁶ 41. (New) The method of Claim ~~13~~, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~35~~⁷ 42. (New) The method of Claim ~~14~~, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~36~~ 43. (New) The method of Claim ~~15~~⁸, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

~~37~~ 44. (New) The method of Claim ~~16~~⁹, wherein the step of using said application program comprises:

using one of a word processing program and a spreadsheet program to enter first information into a respective one of a word processing document and a spreadsheet document.

A' ~~38~~ 45. (New) The method of Claim ~~17~~², wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~39~~ 46. (New) The method of Claim ~~18~~³, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~40~~ 47. (New) The method of Claim ~~19~~⁴, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~41/48~~ (New) The method of Claim ~~12~~⁵, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~42/49~~ (New) The method of Claim ~~13~~⁶, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~43/50~~ (New) The method of Claim ~~14~~⁷, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

~~44/51~~ (New) The method of Claim ~~15~~⁸, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

45 ~~52~~ (New) The method of Claim ~~16~~⁹, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

A 46 ~~53~~ (New) The method of Claim ~~17~~¹⁰, wherein the step of providing an input device comprises:

providing an input device configured to enter an execute command which initiates a record retrieval from an information source comprising at least one of a file, a database, a database program, a computer network, and a contact management program, using the record retrieval program.

47 ~~54~~ (New) The method of Claim ~~18~~², wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

48 ~~55~~ (New) The method of Claim ~~19~~³, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁴
~~49~~ 56. (New) The method of Claim ~~11~~, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁵
~~50~~ 57. (New) The method of Claim ~~12~~, wherein said first information includes an identification of a list of addressees, further comprising:

A

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁶
~~51~~ 58. (New) The method of Claim ~~13~~, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁷
~~52~~ 59. (New) The method of Claim ~~14~~, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

³³
~~60~~. (New) The method of Claim ~~15~~⁸, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁵⁴
~~61~~. (New) The method of Claim ~~16~~⁹, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁵⁵
~~62~~. (New) The method of Claim ~~17~~¹⁰, wherein said first information includes an identification of a list of addressees, further comprising:

^A
creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁵⁶
~~63~~. (New) The method of Claim ~~18~~¹¹, wherein said first information includes an identification of a list of addressees, further comprising:

creating copies of said document, each addressed to one of addressees in said list identified by said first information, based on said second information associated with said identification of said list of addressees.

⁵⁷
~~64~~. (New) The method of Claim ~~9~~², further comprising the step of indicating which part of information in said document is said first information.

⁵⁸
~~65~~. (New) The method of Claim ~~10~~³, further comprising the step of indicating which part of information in said document is said first information.

⁵⁹
~~66~~. (New) The method of Claim ~~11~~⁴, further comprising the step of indicating which part of information in said document is said first information.

⁶⁰
~~67~~. (New) The method of Claim ~~12~~⁵, further comprising the step of indicating which part of information in said document is said first information.

⁶¹
~~68~~. (New) The method of Claim ~~13~~⁶, further comprising the step of indicating which part of information in said document is said first information.

⁶²
~~69~~. (New) The method of Claim ~~14~~⁷, further comprising the step of indicating which part of information in said document is said first information.

⁶³
~~70~~. (New) The method of Claim ~~15~~⁸, further comprising the step of indicating which part of information in said document is said first information.

⁶⁴
~~71~~. (New) The method of Claim ~~16~~⁹, further comprising the step of indicating which part of information in said document is said first information.

⁶⁵
~~72~~. (New) The method of Claim ~~17~~¹⁰, further comprising the step of indicating which part of information in said document is said first information.

⁶⁶
~~73~~. (New) The method of Claim ~~18~~¹¹, further comprising the step of indicating which part of information in said document is said first information.

⁶⁷
~~74~~. (New) The method of Claim ~~19~~¹², further comprising the step of indicating which part of information in said document is said first information.

⁶⁸
~~75~~. (New) The method of Claim ~~20~~², further comprising the step of automatically interpreting which part of information in said document is said first information.

⁶⁹
~~76~~. (New) The method of Claim ~~21~~³, further comprising the step of automatically interpreting which part of information in said document is said first information.

⁷⁰
~~77~~. (New) The method of Claim ~~22~~⁴, further comprising the step of automatically interpreting which part of information in said document is said first information.

A

37

AR

- 71
78. (New) The method of Claim ~~12~~⁵, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 72
79. (New) The method of Claim ~~13~~⁶, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 73
80. (New) The method of Claim ~~14~~⁷, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 74
81. (New) The method of Claim ~~15~~⁸, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 75
82. (New) The method of Claim ~~16~~⁹, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 76
83. (New) The method of Claim ~~17~~¹⁰, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 77
84. (New) The method of Claim ~~18~~¹¹, further comprising the step of automatically interpreting which part of information in said document is said first information.
- 78
85. (New) The method of Claim ~~19~~¹², further comprising the step of automatically interpreting which part of information in said document is said first information.
- 79
86. (New) The method of Claim ~~20~~¹³, further comprising the step of automatically interpreting which part of information in said document is said first information.

A'

REMARKS

Favorable consideration of the present application is respectfully requested. Claims 8-86 are presently active in the case with Claims 1-7 cancelled and new Claims 8-86 added to correct discovered informalities, place the claims in a typical U.S. format and recite various

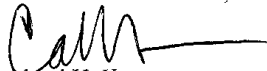
24

features of the invention. Applicant respectfully submits that no new matter has been introduced.

Applicant respectfully submits that claims 8-86 are now ready for examination on the merits and early action is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870
Carlos R. Villamar
Registration No. 43,224

Crystal Square Five - Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax #: (703) 413-2220
J:\atty\CRV\9877\98770001.pre; GJM:CRV:crv

Docket No. 9877-0001-20

IN RE APPLICATION OF: Atle HEDLOY

SERIAL NO: 09/189,626

FILED: November 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM



Sp 2774 \$

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RECEIVED

MAY 04 1999

SIR:

Transmitted herewith is an amendment in the above-identified application.

Group 2700

- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.
- Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	105	MINUS	20	85	× \$18 =	\$1,530.00
INDEPENDENT	1	MINUS	3	0	× \$78 =	\$0.00
		<input checked="" type="checkbox"/>	MULTIPLE DEPENDENT CLAIMS		+ \$260 =	\$260.00
			TOTAL OF ABOVE CALCULATIONS			\$1,790.00
		<input checked="" type="checkbox"/>	Reduction by 50% for filing by Small Entity			-\$895.00
		<input type="checkbox"/>	Recordation of Assignment		+ \$40 =	\$0.00
			TOTAL			\$895.00

- A check in the amount of **\$895.00** is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Registration No. 28,870

Carlos R. Villamar
Registration No. 43,224

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)

9877-0001-20

#6
3-28-99
B. Hillard

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Atle HEDLOY



EXAMINER: To be Assigned

SERIAL NO: 09/189,626

FILED: November 10, 1998

GROUP ART UNIT: 2774

RECEIVED

MAY 27 1999

Group 2700

FOR: METHOD, SYSTEM AND :
COMPUTER READABLE MEDIUM
FOR ADDRESSING HANDLING
FROM A COMPUTER PROGRAM

REQUEST FOR ACCEPTANCE OF SUBSTITUTE DECLARATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Attached hereto is a Substitute Declaration which is being submitted for the purpose of establishing foreign priority to Norwegian Patent Application 984066, filed on September 3, 1998. A certified copy of the Norwegian Patent Application will be submitted at a later date.

In view of the foregoing, favorable consideration of this Substitute Declaration is felt to be in order and the same is hereby respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, MCCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Registration No. 28,870
Attorney of Record
Carlos R. Villamar
Registration No. 43,224

Crystal Square Five - Fourth Floor
1755 Jefferson Davis Highway
Arlington, VA 22202
(703) 413-3000
Fax (703) 413-2220
/arh

I:\atty\CRV\9877\98770001.SUBMISSION.SUBDEC

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202 U.S.A.

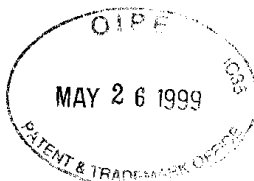
(703) 413-3000

(703) 413-2220 FACSIMILE

OBLONPAT@OBLON.COM

WWW.OBLON.COM

PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED FEDERAL AND ITC LITIGATION



ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

Group Art Unit: 2774

Our Ref: 9877-0001-20

Re: Inventor: Atle HEDLOY

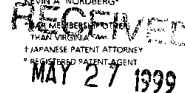
Serial No: 09/189,626

Filed: November 10, 1998

For: METHOD, SYSTEM AND COMPUTER READABLE
MEDIUM FOR ADDRESSING HANDLING FROM A...

NORMAN F. OBLON
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
RICHARD D. KELLY
JAMES D. HAMILTON
ECKHARD H. KUESTERS
ROBERT T. POLS
DAVID J. KERA
CHARLES L. GHOLZ
VINCENT J. SUNDBERG
WILLIAM E. NEALMONT
ROBERT F. GNUSE
JEAN-PAUL LAVALLEY, PH.D.
JEFFREY H. KAUFMAN
BRIAN D. ANDERSON
ROBERTA S. BREN
STEPHEN G. BAXTER, PH.D.
MARTIN M. ZDZICK
ROBERT W. HIRSH, PH.D.
RICHARD L. TREANOR, PH.D.
STEVEN P. WEHRLOUCH
JOHN T. GOOLKASIAN
RICHARD L. CHIN, PH.D.
STEVEN E. LIPMAN
CARL E. SCHUER
P. JAY HINES
JAMES J. KULBASKI
RICHARD A. NEIFELD, PH.D.
J. DEREK MASON, PH.D.
SUNINDER SACHAR
JONATHAN HUDIS
CHRISTINA M. GADIANO
JEFFREY B. MCINTYRE
PAUL E. RAUCH, PH.D.

GERALD J. MOSSINGHOFF
MILTON STERMAN
SAMUEL W. BLECH
JOHN O. TRESANSKY
ALTON D. ROLLINS
JAMES R. BOLER
HARRIS A. PFLUCK
RAYMOND F. CARDILLO, JR.
WILLIAM T. ENOS
JORDAN S. WEINSTEIN
MASAYASU MOH
FRANK J. WEST
BRADLEY D. LYLE
KATHLEEN COONEY-PORTER
ANDREW M. OLLIS
MARGO LIVESAY, PH.D.
MICHAEL A. GULLIANA
CORWIN P. LINBACH, PH.D.
W. TODD BAKER
DAVID D'ZURILLA
JOSEPH A. SCARFETTA, JR.
FREDERICK D. VASTINE, PH.D.
MICHAEL R. CASE, PH.D.
JOHN K. PIKE, PH.D.
GEORGE F. LESMES
JAMES J. KELLY, PH.D.
CARLOS R. VILLAMAR
DAVID A. BLODEAU
STAMATIOS MYLONAKIS, PH.D.
ROBERT C. MATTSON
PHILIPPE J. C. SIGNORE, PH.D.
KEVIN A. NORDBERG
JAPANESE PATENT ATTORNEY
* REGISTERED PATENT AGENT



Group 2700

Sir:

Attached hereto for filing are the following papers:

- REQUEST FOR ACCEPTANCE OF SUBSTITUTE DECLARATION
- SUBSTITUTE DECLARATION

Our check in the amount of \$ -0- is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Registration No: 28,870
Attorney of Record
Carlos R. Villamar
Registration No: 43,224

GJM:CRV:arh

Substitute Declaration

9877-0001-20 #6

Declaration, Power Of Attorney and Petition

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM

A COMPUTER PROGRAM

the specification of which

- is attached hereto.
- was filed on November 10, 1998 as
Application Serial No. 09/189,626
and amended on April 29, 1999
- was filed as PCT international application
Number _____
on _____
and was amended under PCT Article 19
on _____ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Priority Claimed	
<u>984056</u>	<u>Norway</u>	<u>3 Sept. 1998</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No

1/96

25/05/1999 09:04 47-671 431
MAY.24.1999 3:41PM IN:SPIVAK

ARENDI AS

SIDE 03

NO. 170 P. 3

Page 2 of 2
Declaration

We (I) hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

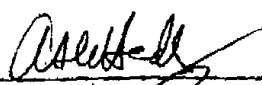
(Application Number)	Filing Date
(Application Number)	(Filing Date)

We (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, 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 in 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.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)

And we (I) hereby appoint: Norman F. Oblon, Registration Number 24,618; Marvin J. Spivak, Registration Number 24,913; C. Irvin McClelland, Registration Number 21,124; Gregory J. Maier, Registration Number 25,599; Arthur L. Neustadt, Registration Number 24,854; Richard D. Kelly, Registration Number 27,757; James D. Hamilton, Registration Number 28,421; Eckhard H. Kuesters, Registration Number 28,870; Robert T. Pous, Registration Number 29,099; Charles L. Gholz, Registration Number 26,395; Vincent J. Sunderdick, Registration Number 29,004; William E. Beaumont, Registration Number 30,996; Steven B. Kelber, Registration Number 30,073; Robert F. Gause, Registration Number 27,295; Jean-Paul Lavalleye, Registration Number 31,451; Stephen G. Bomer, Registration Number 32,884; Martin M. Zoltick, Registration Number 35,745; Robert W. Hahl, Registration Number 33,893; Richard L. Treanor, Registration Number 36,379; Steven P. Wehrensch, Registration Number 32,829; John T. Goolkasian, Registration Number 26,142; Marc R. Labgold, Registration Number 34,651; William J. Healey, Registration Number 36,160; Richard L. Chinn, Registration Number 34,385; Steven E. Lipman, Registration Number 30,011; Carl E. Schlier, Registration Number 34,424; James J. Kulbaski, Registration Number 34,648; Catherine B. Richardson, Registration Number 39,007; Richard A. Neifeld, Registration Number 35,299; J. Derek Mason, Registration Number 35,270; and Surinder Sachar 34,423; our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C., whose Post Office Address is: Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202.

We (I) declare that all statements made herein of our (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 lies so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

ATLE HEDLOY
NAME OF ~~PRO~~SOLE INVENTOR

Signature of Inventor

Residence: Terrasseveien 12
1320 Stabekk
Norway
Citizen of: Norway
Post Office Address: same as above

25-5-1999
Date

1/98



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20531

CHANGE OF ADDRESS/POWER OF ATTORNEY

LOCATION 27C1 SERIAL NUMBER 09189626 PATENT NUMBER

THE CORRESPONDENCE ADDRESS HAS BEEN CHANGED TO CUSTOMER # 22850

THE PRACTITIONERS OF RECORD HAVE BEEN CHANGED TO CUSTOMER # 22850

ON 10/27/99 THE ADDRESS OF RECORD FOR CUSTOMER NUMBER 22850 IS:

OBLON SPIVAK MCCLELLAND MAIER & NUESTADT
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON VA 22202

AND THE PRACTITIONERS OF RECORD FOR CUSTOMER NUMBER 22850 ARE:

21124	24618	24854	24913	25599	26142	26395	27295	27757	28421
28870	29099	30001	30996	31451	32829	32884	33128	33893	34305
34423	34426	34648	35270	35299	36379	36867	37182	37628	

PTO INSTRUCTIONS: PLEASE TAKE THE FOLLOWING ACTION WHEN THE CORRESPONDENCE ADDRESS HAS BEEN CHANGED TO CUSTOMER NUMBER: RECORD, ON THE NEXT AVAILABLE CONTENTS LINE OF THE FILE JACKET, 'ADDRESS CHANGE TO CUSTOMER NUMBER'. LINE THROUGH THE OLD ADDRESS ON THE FILE JACKET LABEL AND ENTER ONLY THE 'CUSTOMER NUMBER' AS THE NEW ADDRESS. FILE THIS LETTER IN THE FILE JACKET. WHEN ABOVE CHANGES ARE ONLY TO FEE ADDRESS AND/OR PRACTITIONERS OF RECORD, FILE LETTER IN THE FILE JACKET.



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

aw

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/189,626	11/10/98	HEDLOY	A 98/000001-20
------------	----------	--------	----------------

002850 LM02/0425
 OBLON SPIVAK MCCLELLAND MAIER & NUESTADT
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON VA 22202

EXAMINER

ART UNIT	PAPER NUMBER
----------	--------------

2773
 DATE MAILED: 04/26/99


7

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 09/189,626	Applicant Hedloy
Examiner Crescelle Dela Torre	Group Art Unit 2773



- Responsive to communication(s) filed on _____
- This action is **FINAL**.
- Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11, 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

- Claim(s) 8-86 is/are pending in the application.
- Of the above, claim(s) _____ is/are withdrawn from consideration.
- Claim(s) _____ is/are allowed.
- Claim(s) 8-86 is/are rejected.
- Claim(s) _____ is/are objected to.
- Claims _____ are subject to restriction or election requirement.

Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- The drawing(s) filed on _____ is/are objected to by the Examiner.
- The proposed drawing correction, filed on _____ is approved disapproved.
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - All Some* None of the CERTIFIED copies of the priority documents have been received.
 - received in Application No. (Series Code/Serial Number) _____
 - received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- *Certified copies not received: _____
- Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s) 7
- Interview Summary, PTO-413
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2773

DETAILED ACTION

1. Claims 8 - 86 are pending in this application. Claim 8 is the sole independent claim. In the Preliminary Amendment, filed on 4/29/99, claims 1 - 7 were canceled, and claims 8 - 86 were added.

2. The present title of the invention is "Method, System and Computer Readable Medium for Addressing Handling from a Computer Program".

Priority

3. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in Norway on 9/3/98. It is noted, however, that applicant has not filed a certified copy of the patent application as required by 35 U.S.C. 119(b).

Claim Rejections - 35 U.S.C. § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2773

5. Claims 8 - 86 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pandit (U.S. patent 5,859,636) in view of Johnson et al. (U.S. patent 5,799,302).

As per claim 8, Pandit describes the following method for "information handling within a document created using an application program", comprising:

providing an input device, at col. 2, lines 15 - 18, configured to enter an execute command from an information source, at Figs. 3b, 3d, and 3f, using pull-down menus that "identify the operations and/or programs which relate to the class of text accented, highlighted, or otherwise indicated" at col. 2, lines 18 - 35;

using the application program to enter first information, such as highlighted text 11, 14, 16, into the document, as at Figs. 3a, 3c, and 3e;

entering the execute command after entering the first information, at Figs. 3b, 3d, and 3f.

Regarding claim 8, Pandit teaches the above aspects of applicant's invention, but does not specifically teach providing a record retrieval program for searching and displaying second information associated with the first information, and for editing the first or second information. However, Pandit describes that programs which relate to the class of highlighted text include an address book, at col. 2, lines 58 - 59. In addition, Pandit teaches that the type of text that can be recognized includes "names and street addresses" at col. 2, line 31.

Johnson et al., hereinafter Johnson, make up the missing elements in Pandit by teaching a record retrieval system, with the duplicate detection system, at col. 5, lines 6 - 7. For instance, Johnson teaches searching, using the duplicate detection system, the information source for

Art Unit: 2773

second information, associated with the first information, at col. 3, lines 9 - 16, wherein when the information source includes second information, the second information is displayed, at col. 7, lines 13 - 14, and first or second information is inserted or completed, at Fig. 3H, and col. 6, line 63 to col. 7, line 17. In Johnson, the first information includes "fields to be matched", at col. 5, lines 60 - 65, and Fig. 4, while the second information comprises "any data found in a field that corresponds to the blank field of the first record", at col. 7, lines 9 - 13.

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to include the record retrieval program of Johnson in the invention of Pandit because it provides for accessing address-related information associated with names or addresses contained within the document.

As per claim 9, Johnson describes the following:

storing first information if no second information is found, at col. 5, lines 25 - 34;

changing the second information based on differences or similarities between the first and second information, at col. 3, line 45;

completing the first information using the second information, at col. 7, lines 13 - 14;

adding first information to an existing record, at col. 7, lines 10 - 13;

correcting the first information using the second information, at col. 3, lines 17 - 24;

adding information about the document to the information source, at col. 7, lines 13 - 14;

and wherein the information is associated with the second information, also at col. 7, lines 9 - 14.

Art Unit: 2773

Johnson teaches correcting address information in the first information based on the second information [claim 10] at col. 3, lines 45 - 46, doing so automatically [claim 11] at col. 3, lines 17 - 23, and with assistance from a user [claim 12] at col. 3, lines 45 - 46.

Johnson teaches addressing the document to addresses based on the second information associated with the list of addresses [claim 13] at col. 7, line 17, and providing the user with the option of making changes to the second information [claim 14] at col. 3, lines 45 - 46.

As per claim 15, Johnson describes entering first information comprising address information, at col. 5, lines 9 - 10, and searching for second information comprising address information, at col. 6, lines 16 - 25.

In addition, as to claim 16, Johnson teaches that the input device comprises a menu, at col. 5, lines 12 - 13, and that the second information display comprises a message screen, at col. 7, lines 13 - 14.

Furthermore, Pandit teaches using a word processing program to enter first information [claim 17] at col. 5, line 21, and that the information source includes a database program [claim 18] at col. 5, line 21.

As to claim 19, Johnson teaches creating copies of the document, at col. 7, lines 56 - 58.

Pandit teaches indicating which information portion is the first information [claim 20] at Figs. 1a - 1f, with accented text 11, 14, 16, and automatically interpreting the first information [claim 21] at col. 5, lines 57 - 65.

Art Unit: 2773

In addition, Pandit teaches a computer system [claim 22] at col. 5, lines 25 - 27; and a storage medium storing a program [claim 23] at col. 5, lines 27 - 43, for performing the steps recited in one of claims 8 - 21.

Claims 24 - 29 each correspond to claim 15.

Claims 30 - 36 each correspond to claim 16.

Claims 37 - 44 each correspond to claim 17.

Claims 45 - 53 each correspond to claim 18.

Claims 54 - 63 each correspond to claim 19.

Claims 64 - 74 each correspond to claim 20.

Claims 75 - 86 each correspond to claim 21.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Cuthbertson et al. (U.S. patent 5,724,597) teach a method and system for matching names and addresses.

Dickinson (U.S. patent 5,732,229) describes the display of business cards withing an object oriented operating system.

Brown et al. (U.S. patent 6,026,398) detail a system and method for searching and matching databases.

Art Unit: 2773

Responses

7. Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 308-6606 for informal or draft communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

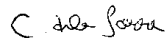
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Inquiries

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Crescelle dela Torre whose telephone number is (703) 305-9782. The examiner can normally be reached on Mondays-Thursdays from 8:30 am to 4:00 pm, and on alternating Fridays from 8:30 am to 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim, can be reached at (703) 305-3821.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.


CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
4/13/09

Notice of References Cited		Application No. 09/189,626	Applicant(s) Hedloy			
		Examiner Crescillo Dela Torre	Group Art Unit 2773	Page 1 of 1		
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	
A	5,724,597	3/1998	Cuthbertson et al.	707	531	
B	5,732,229	3/1998	Dickinson	345	334	
C	5,799,302	8/1998	Johnson et al.	707	7	
D	6,026,398	2/2000	Brown et al.	707	5	
E						
F						
G						
H						
I						
J						
K						
L						
M						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						
NON-PATENT DOCUMENTS						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE	
U						
V						
W						
X						

#8
mlf
6/2/00

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202 U.S.A.

(703) 413-3000

(703) 413-2220 FACSIMILE

OBLONPAT@OBLON.COM

WWW.OBLON.COM

PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED FEDERAL AND ITC LITIGATION

NORMAN F. OBLON
MARVIN J. SPIVAK
C. IRVIN McCLELLAND
GREGORY J. MAIER
ARTHUR I. NEUSTADT
RICHARD D. KELLY
JAMES D. HAMILTON
RICHARD H. KUESTERS
ROBERT T. POLS
DAVID J. KERA
CHARLES L. GHOLZ
VINCENT J. SUNDERDICK*
WILLIAM E. BEAUMONT
ROBERT F. GNUSE
JEAN-PAUL LAVAU EYE, PH.D.
JEFFREY W. KAUFMAN
BRIAN D. ANDERS*
ROBERT S. BREN
STEPHEN G. BAKT*
RICHARD L. TREAT*
STEVEN F. WEHRHO*
JOHN T. GOOLKASIAN*
RICHARD I. *MHN, PH.D.
STEVEN *AN
CARL E. SCHUER
P. JAY HINES
JAMES J. KULBASKI
RICHARD A. NEFELE* PH.D.
J. DEEKE WILSON, PH.D.
SURINDER SACHAR
JONATHAN HUDIS
CHRISTINA M. GADRIANO
JEFFREY B. MCINTYRE*
WILLIAM T. ENOS*
MICHAEL E. McCABE, JR.*
STEVEN C. TABACKMAN

GERALD J. MOSSINGHOFF
MILTON STERMAN
SAMUEL H. BLECH*
JOHN O. TRESANSKY*
ALTON D. ROLLINS
JAMES R. BOLES*
HARRIS A. RITLICK*
RAYMOND F. CARDILLO, JR.
ROBERT W. HAHN, PH.D.
JORDAN S. WEINSTEIN
MASAYASU MORI*
FRANK J. WEST*
BRADLEY D. LYTLE
KATHLEEN COONEY-PORTER*
ANDREW M. OLLIS
MARGO LVESEY, PH.D.*
MICHAEL A. GULLIANA*
CROWY P. UMBACH, PH.D.
RON KIVERS*
W. TODD BAKER*
DAVID D. ZURILLA
JOSEPH A. SCAFETTA, JR.
CARLOS R. VILLANAR
ROBERT C. MATTSOIN
MANDY M. PETROCELLI
EDWIN D. GARLEFF
ALEXANDER E. GASSER*
KETH DITTHAYONG
CHRISTOPHER D. WARD
THOMAS M. CLANNINGHAM, PH.D.
FREDERICK D. VASITINI, PH.D.*
MICHAEL R. CASEY, PH.D.*
JOHN K. PIKE, PH.D.*
GEORGE F. LESMES*
JAMES J. KELLY, PH.D.*
DAVID A. BLODEAU*
STAMATIOS MYLONAKIS, PH.D.*
PHILIPPE J.C. SIGNORE, PH.D.*
KEVIN A. NORDBERG*
* BAR MEMBERSHIP OTHER THAN VIRGINIA
* ILLINOIS PATENT ATTORNEY
* REGISTERED PATENT AGENT

April 25, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE
Box 16
Washington, D.C. 20231

Attn: Refund Department

Re: Deposit Account
150030

Please investigate the attached copies of filing papers for Serial Number **09/189,626**. A Verified Statement Claiming Small Entity Status due on 1/10/99 was timely filed within the two month time limit on **1/11/99, (1/10/99 being a Sunday)**. We requested that the additional fees paid when filing this application be refunded to our Deposit Account.

As of our Deposit Account Statement of 3/31/2000 we have not as yet received this refund.

Please refund \$460.00 to Deposit Account #150030.

Copies of the appropriate paper work are attached.

If you have questions please do not hesitate to contact me. My phone number is 703/412-6452.

With best regards,

OBLON, SPIVAK, McCLELLAND
MAIER & NEUSTADT, P.C.

Beverly J. Davison
Beverly J. Davison
Accounting Department

*Refund
Completed
mflletcher
6/2/00*

APR 27 11 36 AM '00

RECEIVED
ACCOUNTING DEPARTMENT

Docket No. 9877-0001-20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) ATLE HEDLOY

SERIAL NO: NEW APPLICATION

FILING DATE: HEREWITH

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	7 - 20 =	0	× \$22 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	× \$82 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$790.00
			TOTAL OF ABOVE CALCULATIONS	\$920.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$920.00

- Please charge Deposit Account No. 15-0030 in the amount of _____ A duplicate copy of this sheet is enclosed.
- A check in the amount of \$920.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: _____

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)

Eckhard H. Kuesters

Registration No. 28,870

Attorney of Record
Carlos R. Villamar

Registration No. 43,224

AS

Dept.: E/M

OSM&N File No.: 9877-0001-20

By: EHK:ttb

Serial No.: 09/189,626

In the Matter of the Application of: Atle HEDLOJ

For: METHOD SYSTEM AND COMPUTER READABLE...

The following has been received in the U.S. Patent Office on the date stamped hereon:

- pp. Specification & Claims/Drawings Sheets
 - Combined Declaration, Petition & Power of Attorney (2 pages)
 - Submission of Declaration
 - Notice to File Missing Parts
 - Submission of Verified Statement
 - Verified Statement
 - Assignment pages/PTO-1595
 - Letter to Official Draftsman
 - Letter Requesting Approval of Drawing Changes
 - Drawings sheets (Formal)
 - Letter (Cover)
 - Amendment
 - Information Disclosure Statement
 - Cited References ()
 - Search Report
 - Statement of Relevancy
 - IDS/Related/List of Related Cases
 - Restriction Response
 - Rule 132 Declaration
 - Request for Corrected Official Filing Receipt w/Attachment
 - Notice of Appeal
 - Brief
 - Issue Fee Transmittal
- Rule 62 Application
 - Priority Doc. ()
 - [REDACTED]
 - PTO-1449
 - Election Response



Due: Small Ent. 1/10/99
Dec: 2/4/99

DOCKET NO: 9877-0001-20

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Atle HEDLOY

ATTENTION:
APPLICATION BRANCH

SERIAL NO: 09/189,626

FILED: NOVEMBER 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE...

SUBMISSION OF VERIFIED STATEMENT CLAIMING
SMALL ENTITY STATUS UNDER 37 CFR 1.28(a)

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

In accordance with the provisions of 37 CFR 1.28(a), Applicant submits herewith a Verified Statement Claiming Small Entity Status in a timely manner.

Further, it is requested that the additional fees paid upon filing the subject application be refunded to Deposit Account 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Attorney of Record
Registration No: 28,870

Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
(703) 413-3000
Fax No.: (703) 413-2220

OSMM&N File No. 9877-0001-20
Serial No. NEW APPLICATION

E/M
By: GJM/CR

In the matter of the Application of: ATLE HEDLOY
For: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

The following has been received in the U.S. Patent Office on the date stamped hereon:

- 22 pp. Specification & 7 Claims/Drawings 14 Sheets
- Combined Declaration, Petition & Power of Attorney pages
- List of Inventor Names and Addresses
- Utility Patent Application CPA
- Notice of Priority Priority Doc
- Check for \$920.00 Dep. Acct. Order Form
- Fee Transmittal Form
- Assignment pages/PTO-1595
- Letter to Official Draftsman
- Letter Requesting Approval of Drawing Changes
- Drawings sheets Formal
- Letter Cover
- Amendment
- Information Disclosure Statement PTO-1449
- Cited References
- Search Report
- Statement of Relevancy
- IDS/Related/List of Related Cases
- Restriction Response Election Response
- Rule 132 Declaration
- Petition for Extension of Time
- Notice of Appeal
- Brief
- Issue Fee Transmittal
- White Advanced Serial Number Card
- Request for Priority
-





**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

BCS

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
07169.626	11/10/96	NEDLOY	9877-3101-20

022950 LA02-0614
 UNION SPIVAK MODERLAND MAIOR & NORRIS/OT
 FOURTH FLOOR
 1785 JEFFERSON DAVIS HIGHWAY
 ARLINGTON VA 22202

EXAMINER

SEE ABOVE

PT UNIT	PAPER NUMBER
2775	9

DATE MAILED: 06/14/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Interview Summary	Application No. 09/189,626	Applicant(s) Hedloy	
	Examiner Crescelle Dela Torre	Group Art Unit 2773	

All participants (applicant, applicant's representative, PTO personnel):

(1) Crescelle Dela Torre (3) _____

(2) Carlos Villamar (4) _____

Date of Interview Jun 12, 2000

Type: Telephonic Personal (copy is given to applicant applicant's representative)

Exhibit shown or demonstration conducted: Yes No. If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: 8 and 10

Identification of prior art discussed:
Pandit (U.S. patent 5,859,636)

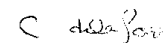
Description of the general nature of what was agreed to if an agreement was reached, or any other comments:
Applicant's representative discussed the differences between the present invention and the Pandit reference. For instance, it was pointed out that in Pandit, the user must accent text prior to recognizing the text, whereas in the present invention, the step of entering the execute command does not include highlighting or selecting the text, or first information. An amendment will be submitted which includes this difference.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

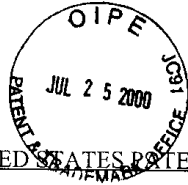
Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.


CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
 6/12/00

Examiner Note: You must sign and stamp this form unless it is an attachment to a signed Office action.

9877-0001-20



10/B
7-28-00
Hilward
RECEIVED
JUL 27 2000
TECH CENTER 2700

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
Atle HEDLOY : EXAMINER: Dela Torre, C.
SERIAL NO: 09/189,626 :
FILED: November 10, 1998 : GROUP ART UNIT: 273
FOR: METHOD, SYSTEM AND COMPUTER
READABLE MEDIUM FOR...

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action mailed April 25, 2000, and further to the discussions with Examine Dela Torre on June 12 and 20, 2000, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend independent Claim 8 as follows:

Sub
C
B

8. (Amended) A computerized method for information handling within a document created using an application program, the document including first information provided therein, the method comprising:
providing a record retrieval program;
providing an input device configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program;

~~[using said application program to one of enter first information into said document and retrieve said document with first information provided therein; entering] upon a single entry of the execute command [using] by means of the input device, [after the step of entering the first information;] searching, using the record retrieval program, the information source for second information associated with the first information; and when the information source includes second information associated with [and] the first information, performing at least one of,~~

- ~~(a) displaying the second information, [and]~~
- ~~(b) [at least one of] inserting the second information in the document, and~~
- ~~(c) completing [at least one of] the first [and] information in the document based on the second information [in the document].~~

REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 8-86 are presently active in this case, with Claim 8 amended, by way of the present amendment, without the introduction of new matter.

In the outstanding Office Action, Claims 8-86 were rejected under 35 U.S.C. §103(a) as being unpatentable over Pandit (5,859,636) in view of Johnson et al (5,799,302).

First, Applicant wishes to thank Examiner Dela Torre for the courtesy of an interview granted to Applicant's attorney on June 12, 2000 and the follow-up discussions on June 20, 2000 in regard to the outstanding issues in the present application. During the discussions, Applicants' attorney noted that Pandit is directed to a method wherein, when text within a document is accented (i.e., selected or highlighted) by a user, a menu heading for a drop

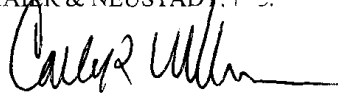
down menu associated with the accented text is bolded, and the bolded drop down menu includes various applications associated with the accented text. It was thus explained that the invention of Pandit requires the user to (i) accent text within a document, (ii) select a drop down menu and (iii) select an application program within the drop down menu. It was further noted that although Johnson et al may teach a record retrieval program, Johnson et al fail to cure the noted deficiencies in Pandit and that Pandit and Johnson et al, alone or in combination, fail to teach or suggest Applicant's invention, wherein upon a single entry of the execute command by means of the input device, searches, using a record retrieval program, an information source for second information associated with first information. No agreement was reached, pending the Examiner's detailed reconsideration of the application upon formal submission of an amendment and subject to the Examiner updating her search.

In light of the several discussions with the Examiner, Claim 8 has been amended to clarify that according to Applicants' invention, upon a single entry of the execute command by means of the input device, the present invention performs searching, using the record retrieval program, the information source for second information associated with the first information; and when the information source includes second information associated with the first information, performing at least one of (a) displaying the second information, (b) inserting the second information in the document, and (c) completing the first information in the document based on the second information. These changes are not believed to add new matter, and are believed to be patentably distinguishing over the applied prior art for the reasons discussed with the Examiner on June 10 and 20, 2000, as above noted.

Consequently, in view of the present amendment, no further issues are believed to be outstanding, and the application as amended herewith is believed to be in condition for formal Allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, MCCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870
Carlos R. Villamar
Registration No. 43,224



22850

(703) 413-3000

I:\atty\CRV\9877\98770001.am; EHK/CRV/crv

Docket No. 9877-0001-20

IN RE APPLICATION OF: Atle HEDLOY

SERIAL NO: 09/189,626

FILED: November 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR...



RECEIVED
JUL 27 2000
TECH CENTER 2700

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.
- Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	105	MINUS	105	0	× \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	× \$78 =	\$0.00
		<input type="checkbox"/>	MULTIPLE DEPENDENT CLAIMS		+ \$260 =	\$0.00
			TOTAL OF ABOVE CALCULATIONS			\$0.00
		<input type="checkbox"/>	Reduction by 50% for filing by Small Entity			\$0.00
		<input type="checkbox"/>	Recordation of Assignment		+ \$40 =	\$0.00
			TOTAL			\$0.00

- A check in the amount of _____ is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Registration No. 28,870

Carlos R. Villamar
Registration No. 43,224



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JS.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.
09/189,626	11/10/98	HEDLOY	A	9877-0001-20

022850 LMC1/0918
 OBLON SPIVAK MCCLELLAND MAIER & NUESTADT
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON VA 22202

EXAMINER

DELA TORRE, C

ART UNIT	PAPER NUMBER
----------	--------------

2773	<i>11</i>
------	-----------


DATE MAILED: 09/18/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 09/189,626	Applicant(s) Hedloy
Examiner Crescelle Dela Torre	Group Art Unit 2773



Responsive to communication(s) filed on Jul 25, 2000

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

- Claim(s) 8-86 is/are pending in the application.
- Of the above, claim(s) _____ is/are withdrawn from consideration.
- Claim(s) _____ is/are allowed.
- Claim(s) 8-86 is/are rejected.
- Claim(s) _____ is/are objected to.
- Claims _____ are subject to restriction or election requirement.

Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- The drawing(s) filed on _____ is/are objected to by the Examiner.
- The proposed drawing correction, filed on _____ is approved disapproved.
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- All Some* None of the CERTIFIED copies of the priority documents have been received.
- received in Application No. (Series Code/Serial Number) _____
- received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- *Certified copies not received: _____
- Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- Interview Summary, PTO-413
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Application/Control Number: 09/189,626

Page 2

Art Unit: 2773

DETAILED ACTION

1. This action is responsive to communications: Amendment, filed on 7/25/00.

This action is final.

2. Claims 8 - 86 are pending in this application. Claim 8 is the sole independent claim. In the Amendment, filed on 7/25/00, claim 8 was amended.

3. The present title of the invention is "Method, System and Computer Readable Medium for Addressing Handling from a Computer Program".

Priority

4. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in Norway on 9/3/98. It is noted, however, that applicant has not filed a certified copy of the patent application as required by 35 U.S.C. 119(b).

Claim Rejections - 35 U.S.C. § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

Art Unit: 2773

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

6. Claims 8 - 86 are rejected under 35 U.S.C. 102(e) as being anticipated by Tso (U.S. patent 6,085,201).

As per claim 8, Tso teaches the following subject matter:

providing a record retrieval program, with data retrieval 51, at Fig. 2, and col. 4, lines 25 - 26;

providing an input device configured to enter an execute command which initiates a record retrieval from an information source, at col. 4, lines 35 - 42;

upon a single entry of the execute command, searching, using the record retrieval program, the information source for second information associated with the first information, by pressing an "ENTER" key, at col. 4, lines 40 - 42;

when the information source includes second information associated with the first information, performing at least one of

a) displaying the second information, at col. 5, lines 42 - 44, and Fig. 4;

b) inserting the second information in the document, at col. 6, line 66 to col. 7, line 2;

c) completing the first information in the document based on the second information, at col. 6, lines 6 - 10.

As per claim 9, Tso describes the following:

Art Unit: 2773

changing the second information based on differences or similarities between the first and second information, at col. 6, lines 16 - 24;

completing the first information using the second information, at col. 6, lines 6 - 10, and Fig. 4;

adding first information to an existing record, at col. 5, line 61 to col. 6, line 5;

correcting the first information using the second information, at col. 6, lines 59 - 65;

adding information about the document to the information source, at col. 6, lines 47 - 51;

and wherein the information is associated with the second information, at col. 6, lines 47 - 51.

Tso teaches correcting address information, in the first information based on the second information [claim 10], such as a “place” or “where”, at col. 5, lines 23 - 41, doing so automatically [claim 11] at col. 7, lines 3 - 4, and with assistance from a user [claim 12] at col. 6, lines 59 - 62.

Tso teaches addressing the document to addresses based on the second information associated with the list of addresses [claim 13] at 6, line 66 to col. 7, line 2, and providing the user with the option of making changes to the second information [claim 14] at col. 6, lines 59 - 65.

As per claim 15, Tso describes entering first information, at col. 5, lines 1 - 6, comprising address information, such as “place” or “where”, at col. 5, lines 23 - 41, and searching for second information, at col. 5, lines 7 - 17, such as “place” or “where”, at col. 5, lines 23 - 41.

Art Unit: 2773

As to claim 16, Tso teaches that the input device comprises a touch keypad, at col. 4, lines 41 - 42, and that the second information display comprises a message screen, at Fig. 4.

Furthermore, Tso teaches using a word processing program to enter first information [claim 17] at col. 7, lines 55 - 57, and that the information source includes a database [claim 18] with template database 4, at Fig. 2, and col. 3, line 46.

As to claim 19, Tso teaches creating copies of the document, at col. 6, line 66 to col. 7, line 2.

Tso teaches indicating which information portion is the first information [claim 20] at col. 4, lines 32 - 35, and automatically interpreting the first information [claim 21] at col. 4, lines 48 - 67.

In addition, Tso teaches a computer system [claim 22] at Fig. 1; and a storage medium storing a program [claim 23] at col. 8, lines 2 - 4, for performing the steps recited in one of claims 8 - 21.

Claims 24 - 29 each correspond to claim 15.

Claims 30 - 36 each correspond to claim 16.

Claims 37 - 44 each correspond to claim 17.

Claims 45 - 53 each correspond to claim 18.

Claims 54 - 63 each correspond to claim 19.

Claims 64 - 74 each correspond to claim 20.

Claims 75 - 86 each correspond to claim 21.

Art Unit: 2773

Response to Arguments

7. Applicant's arguments with respect to claims 8 - 86 have been considered but are moot in view of the new ground(s) of rejection.

Examiner agrees that the combination of Pandit and Johnson do not disclose the claim limitations as amended. Rather, the claims have been rejected in view of Tso.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Borovoy et al. (U.S. patent 5,873,107) teach the automatic retrieval of information relevant to authored text.

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

Art Unit: 2773

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Responses

10. Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 308-6606 for informal or draft communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Inquiries

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Crescelle dela Torre whose telephone number is (703) 305-9782. The examiner can normally be reached on Mondays-Thursdays from 8:30 am to 4:00 pm, and on alternating Fridays from 8:30 am to 3:00 pm.

Application/Control Number: 09/189,626

Page 8

Art Unit: 2773

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim, can be reached at (703) 305-3821.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

C. de la Torre
CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
3/14/00

Notice of References Cited		Application No. 09/189,626	Applicant: Hedloy		
		Examiner Crescelle Dela Torre	Group Art Unit 2773	Page 1 of 1	
U.S. PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,873,107	2/1999	Borovoy et al.	707	501
B	6,085,201	7/2000	Tso	707	505
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS
N					
O					
P					
Q					
R					
S					
T					
NON-PATENT DOCUMENTS					
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE
U					
V					
W					
X					

#12

Interview Summary	Application No. 09/189,626	Applicant(s) Hedloy	
	Examiner Crescelle Dela Torre	Group Art Unit 2173	

All participants (applicant, applicant's representative, PTO personnel):

(1) Crescelle Dela Torre (3) _____

(2) Carlos Villamar (4) _____

Date of Interview Oct 17, 2000

Type: Telephonic Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No. If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: 8

Identification of prior art discussed:
Tso (U.S. patent 6,085,201), Borovoy et al (U.S. patent 5,873,107)

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:
Applicant's representative discussed the differences between the Tso and Borovoy references and the present invention. For instance, it was pointed out that in the Tso reference, the user must select the text string to be processed, whereas in the present invention, the user does not have to select the text string to be analyzed. Applicant's representative may submit an After-Final Amendment that amends the independent claim to include this difference.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.

C. Dela Torre
CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
10/17/00

Examiner Note: You must sign and stamp this form unless it is an attachment to a signed Office action.

9877-0001-20

~~10/20~~
W. Lawyer
12/8/00

**RESPONSE UNDER 37 C.F.R. §1.116 -
EXPEDITED PROCEDURE EXAMINING GROUP 2773**

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
Atle HEDLOY : EXAMINER: Dela Torre, C.
SERIAL NO: 09/189,626 :
FILED: November 10, 1998 : GROUP ART UNIT: 2773
FOR: METHOD, SYSTEM AND COMPUTER
READABLE MEDIUM FOR...

AMENDMENT UNDER 37 C.F.R. §1.116

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Please
Enter
Amendment
Cnd
11/2/00

SIR:

RECEIVED
DEC 18 2000
TECH CENTER 2100

In response to the Official Action mailed September 18, 2000, and further to the discussion with Examine Dela Torre on October 17, 2000, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend independent Claim 8, as follows:

~~8.~~ (Twice Amended) A computerized method for information handling within a document created using an application program, the document including first information provided therein, the method comprising:

providing a record retrieval program;

providing an input device configured to enter an execute command which initiates a record retrieval from an information source using the record retrieval program;

C1

C2

C3

upon a single entry of the execute command by means of the input device;[,] analyzing the document to determine if the first information is contained therein, and if the first information is contained in the document, searching, using the record retrieval program, the information source for second information associated with the first information; and

when the information source includes second information associated with the first information, performing at least one of,

- (a) displaying the second information,
- (b) inserting the second information in the document, and
- (c) completing the first information in the document based on the second

information.→

REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 8-86 are presently active in this case, with Claim 8 amended, by way of the present amendment, without the introduction of new matter (see, e.g, Fig. 1, steps 2, 4, 6, 8, 10, 12 and 14 and the discussion in Applicants' disclosure thereof).

In the outstanding Office Action, Claims 8-86 were rejected under 35 U.S.C. §102(e) as being anticipated by the newly cited Tso (6,085,201) reference.

First, Applicant wishes to thank Examiner Dela Torre for the courtesy of an interview granted to Applicant's attorney on October 17, 2000, in regard to the outstanding issues in the present application. During the discussion, it was noted that columns 4-5 of Tso teach a user selecting a text string to be processed by clicking on the text string using various

selection means. In this respect, the present invention does not require the user to select a text string to be processed since it functions automatically upon a single click of an input device, such as a button, menu item, etc. No agreement was reached, however, pending the Examiner's detailed reconsideration of the application upon formal submission of an amendment and subject to the Examiner updating her search.

In light of the discussion with the Examiner, Claim 8 has been amended to clarify that according to Applicants' invention, upon a single entry of an execute command by means of an input device, a document is analyzed to determine if first information is contained therein, and if the first information is contained in the document, an information source is searched for second information associated with the first information using a record retrieval program. These changes are not believed to add new matter (see, e.g., Fig. 1, steps 2, 4, 6, 8, 10, 12 and 14 and the discussion in Applicants' disclosure thereof), and are believed to be patentably distinguishing over the applied prior art for the reasons discussed with the Examiner on October 17, 2000, as above noted.

The present amendment is submitted in accordance with the provisions of 37 C.F.R. §1.116, which after Final Rejection permits entry of amendments placing the claims in better form for consideration on appeal. As the present amendment is believed to overcome the outstanding rejection under 35 U.S.C. §102, the present amendment places the application in better form for consideration on appeal. It is therefore respectfully requested that 37 C.F.R. §1.116 be liberally construed, and that the present amendment be entered.

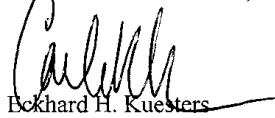
Consequently, in view of the present amendment, no further issues are believed to be outstanding, and the application as amended herewith is believed to be in condition for



formal Allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870
Carlos R. Villamar
Registration No. 43,224



22850

(703) 413-3000

I:\atty\CRV\9877\98770001.af; EHK/CRV/crv

Docket No. 9877-0001-20

IN RE APPLICATION OF: Atle HEDLOY

SERIAL NO: 09/189,626

FILED: November 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR...

RESPONSE UNDER 37 CFR 1.116-
EXPEDITED PROCEDURE EXAMINING
GROUP 2773

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith:


RECEIVED
DEC 18 2000
TECH CENTER 2700

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS	
TOTAL	105	MINUS	105	0	× \$18 =	\$0.00	
INDEPENDENT	1	MINUS	3	0	× \$80 =	\$0.00	
		<input type="checkbox"/>	MULTIPLE DEPENDENT CLAIMS			+ \$270 =	\$0.00
			TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input checked="" type="checkbox"/>	Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/>	Recordation of Assignment			+ \$40 =	\$0.00
			TOTAL				\$0.00

- A check in the amount of _____ is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Gregory J. Maier
Registration No. 25,599

Carlos R. Villamar
Registration No. 43,224




22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/00)

#14

Notice of Allowability

Application No. 09/189,626	Applicant(s) Hedloy
Examiner Crescelle Dela Torre	Group Art Unit 2173



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

- This communication is responsive to Dec 18, 2000
- The allowed claim(s) is/are 8-68
- The drawings filed on _____ are acceptable.
- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - All Some* None of the CERTIFIED copies of the priority documents have been received.
 - received in Application No. (Series Code/Serial Number) _____
 - received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- *Certified copies not received: NORWAY APPLICATION NO 984066
- Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- Applicant MUST submit NEW FORMAL DRAWINGS
 - because the originally filed drawings were declared by applicant to be informal.
 - including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. 14.
 - including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.
 - including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

- Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included

Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s) _____
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152
- Interview Summary, PTO-413
- Examiner's Amendment/Comment
- Examiner's Comment Regarding Requirement for Deposit of Biological Material
- Examiner's Statement of Reasons for Allowance

Art Unit: 2173

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

The present invention describes a computerized document information handling method wherein "upon single entry of the execute command", the document is analyzed to determine if first information is contained therein, and if the first information is contained in the document, an information source is searched for second information associated with the first information using a record retrieval program. The closest prior art, Tso (U.S. patent 6,085,201) similarly teaches a context sensitive template engine which "generates a context-sensitive text message corresponding to an input text string". However, in Tso, the text string to be processed is determined by the current cursor position, as specified by the user [see col. 4, line 31 to col. 5, line 67], whereas the present invention "does not require the user to select the text string to be processed since it functions automatically upon a single click of an input device" to determine if the first information is contained within the document.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Crescelle dela Torre whose telephone number is (703) 305-9782.

C. dela Torre
CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
1/2/01

ATTACHMENT TO AND MODIFICATION OF
NOTICE OF ALLOWABILITY (PTO-37)

(November, 2000)

NO EXTENSIONS OF TIME ARE PERMITTED TO FILE CORRECTED OR FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION, notwithstanding any indication to the contrary in the attached Notice of Allowability (PTO-37)

If the following language appears on the attached Notice of Allowability, the portion lined through below is of no force and effect and is to be ignored¹:

~~A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136.~~

Similar language appearing in any attachments to the Notice of Allowability, such as in an Examiner's Amendment/Comment or in a Notice of Draftperson's Patent Drawing Review, PTO-948, is also to be ignored.

¹ The language which is crossed out is contrary to amended 37 CFR 1.85(c) and 1.136. See "Changes to Implement the Patent Business Goals", 65 *Fed. Reg.* 54603, 54629, 54641, 54670, 54674 (September 8, 2000), 1238 *Off. Gaz. Pat. Office* 77, 99, 110, 135, 139 (September 19, 2000)

NOTICE OF DRAFTPERSO'S PATENT DRAWING REVIEW

The drawing filed (insert date) 11/10/98 are:

- A. not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
B. objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. Color drawing are not acceptable until petition is granted. Fig.(s)
2. PHOTOGRAPHS. 37 CFR 1.84(b) Photographs are not acceptable until petition is granted, 3 full-tone sets are required. Fig(s)
3. TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white and durable. Fig.(s)
4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4)
5. MARGINS. 37 CFR 18.4(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size
6. VIEWS. CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig.(s)
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s)
9. SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig.(s)
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig.(s)
11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig.(s)
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.48(p) Numbers and reference characters not plain and legible. Fig.(s)
13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig.(s)
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s)
15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s)
16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from PTO-948 dated
17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig.(s) Solid black shading not used for color contrast. Fig.(s)

COMMENTS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

#14

DAVID J. ARENDI
1000 WASHINGTON AVENUE, SUITE 1000
ARLINGTON, VA 22202

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
07/189,826	11/10/99	079	096A - 096A.01	11/10/99
First Named Applicant	DAVID J. ARENDI, ARLINGTON, VA			

TITLE OF INVENTION: METHOD AND APPARATUS FOR COMPUTER RESOURCE ALLOCATION AND SCHEDULING

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
07/189,826	731-0100	019	UTILITY	YES	\$200.00	02/09/01

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY status shown above.
 - If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
 - B. If the status is the same, pay the FEE DUE shown above.
 - If the SMALL ENTITY is shown as NO:
 - A. Pay FEE DUE shown above, or
 - B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

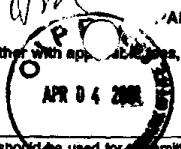
PATENT AND TRADEMARK OFFICE COPY

Arendi S.A.R.L.-Ex. 2002

Page 171 of 210

PART B—ISSUE FEE TRANSMITTAL

Complete and mail this form, together with appropriate fees, to: **Box ISSUE FEE**
Assistant Commissioner for Patents
Washington, D.C. 20231



MAILING INSTRUCTIONS: This form should be used by depositing the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. Correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying correspondence, such as an assignment or formal drawing, mailed by separate mailing.

Certificate of Mailing

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

New Address label



22850

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/189,626	11/10/98	079	DELA TORRE, C	2173 01/04/01
First Named Applicant	HEDLOY, Atle 35 USC 154(b) term ext. = 0 Days			

TITLE OF INVENTION: **METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM**

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2	9877-0001-20	345-339.000	A29	UTILITY	YES \$620.00	04/04/01

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" Indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. **OBLON, SPIVAK,**

2. **McCLELLAND, MAIER**

3. **& NEUSTADT, P.C.**

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Arendi AS

(B) RESIDENCE: (CITY & STATE OR COUNTRY)

Stabekk, NORWAY

Please check the appropriate assignee category indicated below (will not be printed on the patent)

- individual
- corporation or other private group entity
- government

4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks):

- Issue Fee
- Advance Order - # of Copies 0

4b. The following fees or deficiency in these fees should be charged to:

DEPOSIT ACCOUNT NUMBER 15-0030
 (ENCLOSE AN EXTRA COPY OF THIS FORM)

- Issue Fee
- Advance Order - # of Copies 0

The COMMISSIONER OF PATENTS AND TRADEMARKS IS requested to apply the Issue Fee to the application identified above.

(Authorized Signature) *Arendi As* 34,423 (Date) 4-4-01

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE

(E-10-96) Approved for use through 06/30/99. OMB 0651-0033

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



Handwritten scribble

**CA*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Atle HEDLOY

BATCH NO: A29

SERIAL NUMBER: 09/189,626

GROUP NO: 2173

FILED: 11/10/98

EXAMINER: C. DELA TORRE

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

REQUEST FOR SUPPLEMENTAL NOTICE OF ALLOWABILITY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

MATCH & RETURN

In the matter of the above-identified application, we hereby request a Supplemental Notice of Allowability for the following reasons:

THE ALLOWED CLAIMS ARE INCORRECT - THEY SHOULD BE:

8-86

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Joseph A. Scaretta, Jr.

Eckhard H. Kuesters
Attorney for Applicants
Registration No. 28,870



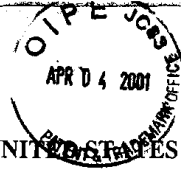
22850

Telephone: (703) 413-3000
Fax: 413-2220

Docket No: 9877-0001-20

Joseph A. Scaretta, Jr.
Registration No. 26,803

Docket No. 9877-0001-20



CV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Atle HEDLOY

GAU: 2173

SERIAL NO: 09/189,626

EXAMINER: DELA TORRE, C

FILED: November 10, 1998

FOR: METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR ADDRESSING HANDLING FROM A COMPUTER PROGRAM

#15
EA
9/17/01

REQUEST FOR PRIORITY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

- Full benefit of the filing date of U.S. Application Serial Number, filed, is claimed pursuant to the provisions of 35 U.S.C. §120.
- Full benefit of the filing date of U.S. Provisional Application Serial Number, filed, is claimed pursuant to the provisions of 35 U.S.C. §119(e).
- Applicants claim any right to priority from any earlier filed applications to which they may be entitled pursuant to the provisions of 35 U.S.C. §119, as noted below.

In the matter of the above-identified application for patent, notice is hereby given that the applicants claim as priority:

<u>COUNTRY</u>	<u>APPLICATION NUMBER</u>	<u>MONTH/DAY/YEAR</u>
NORWAY	984066	September 3, 1998

Certified copies of the corresponding Convention Application(s)

- are submitted herewith
- will be submitted prior to payment of the Final Fee
- were filed in prior application Serial No. filed
- were submitted to the International Bureau in PCT Application Number .
Receipt of the certified copies by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.
- (A) Application Serial No.(s) were filed in prior application Serial No. filed ; and
(B) Application Serial No.(s)
 - are submitted herewith
 - will be submitted prior to payment of the Final Fee

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Carlos Villamar
Registration No. 43,224

Surinder Sachar

Registration No. 34,423



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)



KONGERIKET NORGE

The Kingdom of Norway



Bekreftelse på patentsøknad nr

Certification of patent application no

1998 4066

Det bekreftes herved at vedheftede dokument er nøyaktig utskrift/kopi av ovennevnte søknad, som opprinnelig inngitt 1998.09.03

It is hereby certified that the annexed document is a true copy of the above-mentioned application, as originally filed on 1998.09.03

2001.01.30

Freddy Strømmen

Freddy Strømmen
Seksjonsleder

Ellen B. Olsen

Ellen B. Olsen



PATENTSTYRET
Styret for det industrielle rettsvern

Sammendrag

Funksjonsknapp, -ikon eller -meny knyttet til en enkelt brukeroperasjon i en datamaskin, så som et enkelt trykk på en datamaskintastaturtast, klikk på en knapp i et vindu eller program på en datamaskinskjerm eller valg av et enkelt menyvalg i et program, hvor den er innrettet for opphenting av navn og adresser og/eller til en annen person eller firma relatert informasjon, mens brukeren arbeider i et annet program, for eksempel et tekstbehandlingsprogram, at et trykk på knappen fører til at det med funksjonsknappen forbundne program søker i en database eller fil som er tilgjengelig på eller via datamaskinen med person-, firma- eller adresserelaterte data, for å finne data i overensstemmelse med det eller de på forhånd innskrevne, evt. delvis innskrevne data, for eksempel navn og/eller adresse i tekstbehandlingsprogrammet, at ønsket data fra databasen som er relatert til disse innskrevne data så som navnet på personen, firmaet eller adressen, evt. personene, firmaene eller adressene, fremvises og evt legges inn som tekst eller data i tekstbehandlingsprogrammet dersom relaterte data finnes.



3. SEP. 1998 14:55

TELEFAX
(original del. oversendes)

TANDBERGS PATENTKONTOR AS

TANDBERGS PATENTKONTOR S. 1/8

Søknad om pater.

PATENTSTYRET

Søknadsskriv

03.SEP98 984066

la - b

Til
Patentstyret
Boks 8160 Dep.
0033 Oslo

Utbylles av Styret } Behandlermedlem
Ink. Cl³ } 206 F EA

Søknadfullmektige referanse
(engle hvis ønsket):

64337-SS

3. sep 98 652442

P984066 1

0,00

Oppfinnelsens
benevnelse:

Funksjonsknapp for datamaskin Alm.tilgj - 6 MARS 2000

Hvis søknaden er
en internasjonal søknad
som videreføres etter
patentlovens § 31:

Den internasjonale søknadsnummer

Den internasjonale søknads inngivelsesdag

Søker:

Navn, bopæl og adresse.
(Hvis tilsett søkes av flere.
Opplysning om hvem som skal
være berettiget til å motta
meddelelser fra Styret på vegne
av søkerne).

Arendi as
Boks 139, 1320 STABEKK

(Forsett om nødvendig på neste side)

Oppfinner:

Navn og (privat) adresse.
(Forsett om nødvendig på neste side)

Atle Hedløy
Terrasseveien 12, 1320 STABEKK

Fullmektig:

Hvis søknad tidligere
er inngitt i eller
utenfor riket:

(Forsett om nødvendig på neste side)

Tandbergs Patentkontor AS

Prioritet kreves fra dato... Ingen ... sted ... nr.

Prioritet kreves fra dato... .. sted ... nr.

Prioritet kreves fra dato... .. sted ... nr.

Hvis avdelt søknad:

Den opprinnelige søknads nr.:og dennes inngivelsesdag

Hvis utskilt søknad:

Den opprinnelige søknads nr.:begjært inngivelsesdag

Deponert kultur av
mikroorganismer:

Søknaden omfatter kultur av mikroorganismer

Utlevering av prøve av
kulturen:

Prøve av den deponerte kultur av mikroorganisme skal bare utleveres til en særlig sakkyndig,
jfr. patentlovens § 22 åttende ledd og patentforskriftens § 38 første ledd

984066

Angivelse av tegnings-
figur som ønskes
publisert sammen med
sammendraget

Fig. nr.

POSTADRESSE
Boks 8160 Dep.
0033 Oslo

KONTORADRESSE
Københavnsgt. 10
Oslo

TELEFON
22 38 73 00

TELEKS
18 162
nospst n

TELEFAKS
22 38 73 01

POSTGIRO
nord 827770

BANKGIRO
1000 40 000 10

Arendi S.A.R.L.-Ex. 2006

64337-SS-

Foreliggende oppfinnelse angår en funksjonsknapp, -ikon eller -meny for adressering i et tekstbehandlingsprogram.

Kjente tekstbehandlingsprogrammer har ulike varianter for å hente opp adresser i brev og telefax, basert på opphenting av data fra databaser e.l. eller fra selve tekstbehandlingsprogrammet. Et adresseregister i en database må ajourføres ved direkte inngang i selve databasen eller databaseprogrammet. Dette krever at brukeren av tekstbehandlingsprogrammet også må lære og ha tilgang til databasen. En endring i en adresse eller et navn krever således at brukeren av tekstbehandlingsprogrammet utfører endringen i databasen, eventuelt, slik det foregår enkelte steder, at endringen foretas sentralt.

Med knappkommandoen ifølge foreliggende oppfinnelse forenkles i vesentlig grad etablering og oppdatering av adresser idet dette gjøres direkte fra tekstbehandlingsprogrammet. Dette oppnås med kommandoknappen eller -tasten ifølge foreliggende oppfinnelse slik den er beskrevet med de i kravene anførte trekk.

I et gitt tekstbehandlingsprogram velges fortrinnsvis en av funksjonsknappene eller et nytt ikon eller menyvalg legges til. Brukeren vil starte brevet med å skrive adressatens navn eller en del av dette for deretter å trykke på funksjonsknappen eventuelt klikke på ikonet. Programmet søker deretter i en database eller fil (heretter kalt databasen) for å finne frem til om den delen av navnet eller adressen som allerede er skrevet, gjenfinnes. Dersom programmet ikke finner dette navnet, vil brukeren bli spurt om navnet skal legges til databasen, og eventuelt fylle ut annen informasjon om navnet eller adressen, slik at dette kan lagres i databasen for senere bruk.

Dersom programmet finner den resterende del av adressatens navn, hhv adressen, kommer dette frem som utfylling av det allerede påbegynte skrevne og brukeren bekrefter eventuelt at dette er korrekt og skal brukes med nok et tastetrykk.

Dersom de inntastede data ikke stemmer overens med de data som allerede er lagret i databasen, medfører et trykk på knappen at brukeren får velge om dette er nye data (for eksempel ny adresse), om inntastede data skal endres til det som nettopp var tastet inn, om det dreier seg om en ny kontakt med samme navn som allerede er lagt inn i databasen, eller om de denne gang

benyttede data skal benyttes kun denne gang.

Dersom senere et navn med flere adresser opphentes, vil alle adresser komme frem og ønsket adresse kan velges ved bruk av piltaster.

5 Programmet kan utvides til også å omfatte telefonnum-
mer, telefaknummer, e-postadresser osv. Det kan også innbygges
en kombinasjon av bruk av adresseknappen og framhenting av
telefaknummer eller e-postadresse og likeledes også kommando for
utsendelse av e-post eller telefak. Med en postliste og en
10 utvalgt adresseliste kan likeledes flettebrev skrives ut.

For brukeren utgjør adresseknappsystemet ifølge
foreliggende oppfinnelse en vesentlig forenkling fra kjente
utførelser og krever liten eller ingen oppløring, idet korrekte
adresser hentes frem med et minimalt antall tastetrykk. I tillegg
15 vil et program som utfører de ovenfor beskrevne operasjoner kunne
programmeres og oppbygges i de fleste kjente programspråk og
knyttes til de fleste kjente tekstbehandlingsprogrammer.



23

30

35

64337-SS-

P a t e n t k r a v

5 1. Funksjonsknapp, -ikon eller -meny knyttet til en enkelt brukeroperasjon i en datamaskin, så som et enkelt trykk på en datamaskintastaturtast, klikk på en knapp i et vindu eller program på en datamaskinskjerm eller valg av et enkelt menyvalg i et program, **KARAKTERISERT VED** at den er innrettet for opphen-
10 ting av navn og adresser og/eller til en annen person eller firma relatert informasjon, mens brukeren arbeider i et annet program, for eksempel et tekstbehandlingsprogram, at et trykk på knappen fører til at det med funksjonsknappen forbundne program søker i en database eller fil som er tilgjengelig på eller via datama-
15 skinen med person-, firma- eller adresserelaterte data, for å finne data i overensstemmelse med det eller de på forhånd innskrevne, evt. delvis innskrevne data, for eksempel navn og/eller adresse i tekstbehandlingsprogrammet, at ønsket data fra databasen som er relatert til disse innskrevne data så som navnet
20 på personen, firmaet eller adressen, evt personene, firmaene eller adressene, fremvises og evt legges inn som tekst eller data i tekstbehandlingsprogrammet dersom relaterte data finnes.

2. Funksjonsknapp ifølge krav 1, **KARAKTERISERT VED** at dersom de på forhånd innskrevne data ikke stemmer overens med de
25 på forhånd i databasen lagrede data, vil føre til at brukeren får anledning til å velge om (a) nye data skal legges inn i databasen, eller (b) eksisterende data i databasen skal endres for å reflektere de nye data, eller (c) eksisterende data i databasen skal benyttes i tekstbehandlingsprogrammet istedenfor de nye, på
30 forhånd innskrevne data, eller (d) programmet tar ingen aksjon.

3. Funksjonsknapp ifølge krav 1, **KARAKTERISERT VED** at dersom den evt på forhånd innskrevne adresse er ufullstendig eller feil, vil føre til at programmet tilknyttet funksjonsknappen alene eller med brukerens assistanse fullfører eller
35 korrigerer adressen, basert på algoritmer og data tilgjengelige i og for funksjonaliteten for dette formål.

4. Funksjonsknapp ifølge krav 3, **KARAKTERISERT VED** at den ufullstendige eller feilaktige informasjon er at adressens postnummer, steds-, stats- eller gatenavn eller forkortelser av

4

disse, og at funksjonaliteten finner og eller korrigerer denne ufullstendige eller feilaktige informasjon, basert på algoritmer og data tilgjengelige i og for funksjonaliteten for dette formål.

5 5. Funksjonsknapp ifølge foregående krav, **KARAKTERISERT VED** at de på forhånd innskrevne data refererer til en kategori eller gruppe av personer eller firma, og at funksjonaliteten vil assistere brukeren med å opprette og eller sende dokumenter til alle medlemmer av kategorien eller gruppen.

6. Knapp ifølge krav 1, **KARAKTERISERT VED** at databasen 10 har tilkomstmuligheter for å gjøre endringer hhv behandlinger direkte i databasen.

7. Knapp ifølge foregående krav, **KARAKTERISERT VED** at de opplysninger som skal hentes kan innstilles på forhånd, postadresse, telefaknummer, e-postadresse etc.

15

20

25

30

35





UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/189,626	11/10/98	HEDLOY	A 9877-0001-20

022850 7542/0907
 GBLON SPIVAK MCCLELLAND MATER & NEUSTADT
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON VA 22202

EXAMINER	
DELA TORRE, C	
ART UNIT	PAPER NUMBER
2173	16

DATE MAILED: 09/07/01

PRIORITY ACKNOWLEDGMENT

- 1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119. The papers have been placed of record in the file.
- 2. Applicant's claim for priority, based on papers filed in parent application Serial No. _____ submitted under 35 U.S.C. 119, is acknowledged.
- 3. The priority papers, submitted _____, are not acknowledged since they were filed later than the date on which the issue fee was paid. To have the priority papers considered for entry, a petition must be filed in accordance with 37 CFR 1.55(b) requesting their entry together with the fee set forth in 37 CFR 1.17(i).

For C.A.
 Manager, Publishing Division
 Office of Patent Publication



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

✓

6

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/189,626	11/10/98	HEBLOY	A 9877-0001-20

022850 TM02/1002
ORLON SPIVAK MCCLELLAND MAIER & NEUSTADT
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON VA 22202

EXAMINER

ART UNIT	PAPER NUMBER
----------	--------------

2173
DATE MAILED:

10/02/01

17

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Supplemental v Notice of Allowability	Application No.	Applicant(s)	
	09/189,626	HEDLOY, ATLE	
	Examiner	Art Unit	
	Crescelle N dela Torre	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to _____.
2. The allowed claim(s) is/are 8-86.
3. The drawings filed on _____ are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) The translation of the foreign language provisional application has been received.
6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

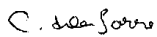
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. CORRECTED DRAWINGS must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No. 14.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1 <input type="checkbox"/> Notice of References Cited (PTO-892) 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____. 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____. 6 <input type="checkbox"/> Examiner's Amendment/Comment 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9 <input type="checkbox"/> Other |
|---|---|


CRESCELLE N. DELA TORRE
PRIMARY EXAMINER
 10/1/06



PATENTS
103176-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
SEP 04 2001
Technology Center 2100

In Re The Application of:)
Atle Hedloy)
Serial No.: 09/189,626)
Filed: November 10, 1998)
For: METHOD, SYSTEM AND COM-)
PUTER READABLE MEDIUM)
FOR ADDRESSING HANDLING)
FROM A COMPUTER PROGRAM)

Examiner: Dela Torre, C.

Art Unit: 2173

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
August 29, 2001

"Express Mail" Mailing-Label Number: EL 705604909US

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

**TRANSMITTAL OF REVOCATION OF POWER OF ATTORNEY AND POWER
OF ATTORNEY**

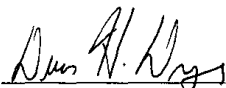
Enclosed for filing in connection with the above-identified patent application are
a Revocation of Power of Attorney or Authorization of Agent and a Power of Attorney
for Patent Application.

PATENTS
103176-0001

Please charge any additional fee occasioned by this paper to our Deposit Account

No. 03-1237.

Respectfully submitted,



Duane H. Dreger
Reg. No. P48,836
CESARI AND MCKENNA, LLP
88 Black Falcon Avenue
Boston, MA 02210-2414
(617) 951-2500



08-30-01

gp 2173
PATENTS
103176-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
SEP 04 2001
Technology Center 2100

In Re The Application of:)
Atle Hedloy)
Serial No.: 09/189,626)
Filed: November 10, 1998)
For: METHOD, SYSTEM AND COM-)
PUTER READABLE MEDIUM)
FOR ADDRESSING HANDLING)
FROM A COMPUTER PROGRAM)

Examiner: Dela Torre, C.

Art Unit: 2173

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
August 29, 2001

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EL 705604909US

The following papers are being deposited with the United States Postal Service
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

X Power of Attorney

X Revocation of Power of Attorney or
Authorization of Agent

X Transmittal Letter

Please type a plus sign (+) inside this box →

PTO/SB/82 (10-00)
 Approved for use through 10/31/2002. OMB 0651-0035
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#18
 10/10/01

O I P E
 AUG 29 2001
 PATENT & TRADEMARK OFFICE

REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	09/189,626
	Filing Date	November 10, 1998
	First Named Inventor	Atle Hedloy
	Group Art Unit	2173
	Examiner Name	Dela Torre, C.
	Attorney Docket Number	103176-0001

RECEIVED
 SEP 04 2001
 Technology Center 2100

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

- A Power of Attorney or Authorization of Agent is submitted herewith.
- OR
- Please change the correspondence address for the above-identified application to:

Customer Number →



OR

<input checked="" type="checkbox"/> Firm or Individual Name	Cesari and McKenna, LLP				
Address	88 Black Falcon Avenue				
Address					
City	Boston				
Country	U. S. A.	State	MA	ZIP	02210
Telephone	(617) 951-2500	Fax	(617) 951-3927		

I am the:

- Applicant/Inventor.
- Assignee of record of the entire interest. See 37 CFR 3.71.
 Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Atle Hedloy
Signature	<i>Atle Hedloy</i>
Date	August 6 th - 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours 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.



PATENTS
103176-0001

RECEIVED
SEP 04 2001
Technology Center 2100

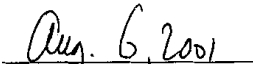
POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor,:

I hereby appoint Michael E. Attaya, Reg. No. 31,731; Charles J. Barbas, Reg. No. 32,959; Joseph H. Born, Reg. No. 28,283; John L. Capone, Reg. No. 41,656; Robert A. Cesari, Reg. No. 18,381; Kathleen Chapman, Reg. No. 46,094; Duane H. Dreger, Reg. No. 48,836; Howard S. Fuhrman, Reg. No. 33,175; Joseph E. Funk, Reg. No. 25,974; A. Sidney Johnston, Reg. No. 29,548; William A. Loginov, Reg. No. 34,863; John F. McKenna, Reg. No. 20,912; Martin J. O'Donnell, Reg. No. 24,204; Thomas C. O'Konski, Reg. No. 26,320; Edwin H. Paul, Reg. No. 31,405; Michael R. Reinemann, Reg. No. 38,280; Robert E. Rigby, Jr., Reg. No. 36,940; Rita M. Rooney, Reg. No. 30,585; and Patricia A. Sheehan, Reg. No. 32,301, Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, Mass. 02210, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Duane H. Dreger at (617) 951-2500. Please address all correspondence to Duane H. Dreger.



Atle Hedloy



Date



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY DOCKET NO./TITLE
09/189,626	11/10/1998	ATLE HEDLOY	9877-0001-20

22850
OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VA 22202

CONFIRMATION NO. 5689



#19

Date Mailed: 10/10/2001

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/29/2001.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Charlene Kimble
FOR MARQUITA MOORE
OPPD

OFFICE COPY



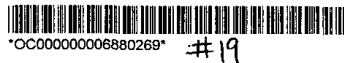
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/189,626	11/10/1998	ATLE HEDLOY	103176-0001

24267
CESARI AND MCKENNA, LLP
88 BLACK FALCON AVENUE
BOSTON, MA 02210

CONFIRMATION NO. 5689



Date Mailed: 10/10/2001

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/29/2001.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Charlene Kimble
For MARQUITA MOORE
OPPD

OFFICE COPY



20
J.G.

Docket No.: 9877-0001

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :

Atle HEDLOY : GROUP ART UNIT: 2173

SERIAL NO: 09/189,626 : BATCH: A29

FILED: November 10, 1998 : ALLOWED: January 4, 2001

FOR: METHOD, SYSTEM AND : EXAMINER: DELA TORRE, C.
COMPUTER READABLE...

LETTER TO THE OFFICIAL DRAFTSMAN

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

Any drawing corrections required by the Chief Draftsman or drawing amendments approved by the Examiner have been incorporated into the copies of the Formal Drawings submitted herewith. It is requested that the enclosed 17 sheets of Formal Drawings be entered to replace the drawings previously filed in this application.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Eckhard H. Kuesters
Attorney of Record
Registration No: 28,870

Surinder Sachar
Registration No. 34,423

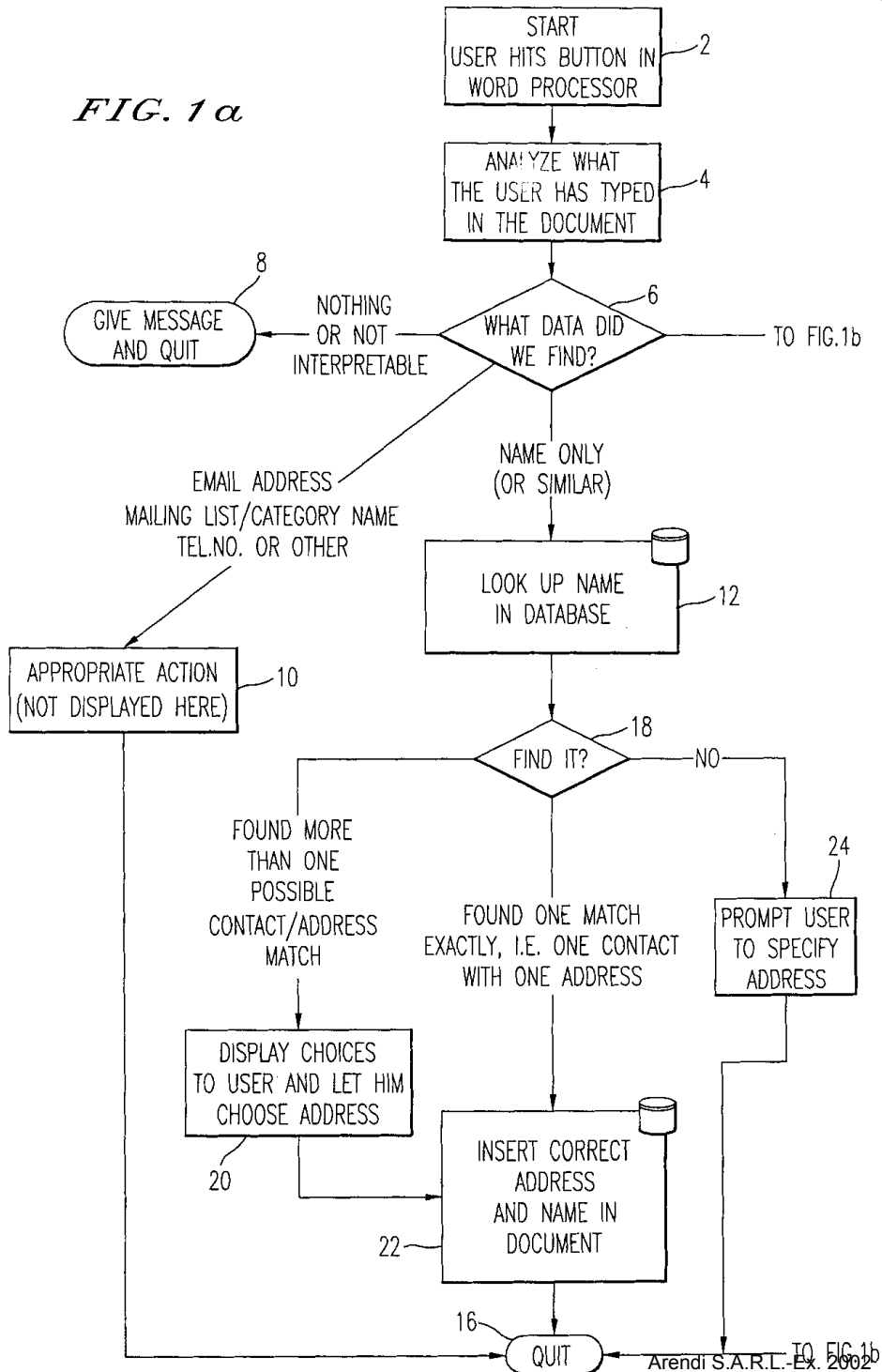


22850

Tel.: (703) 413-3000
Fax #: (703) 413-2220
/abs

6323853

FIG. 1a



ONE BUTTON CONTACT AND ADDRESS INVENTION
 FLOW CHART
 IN PRINCIPLE: EXACT IMPLEMENTATION MAY VARY
 DATABASE INTERACTION:

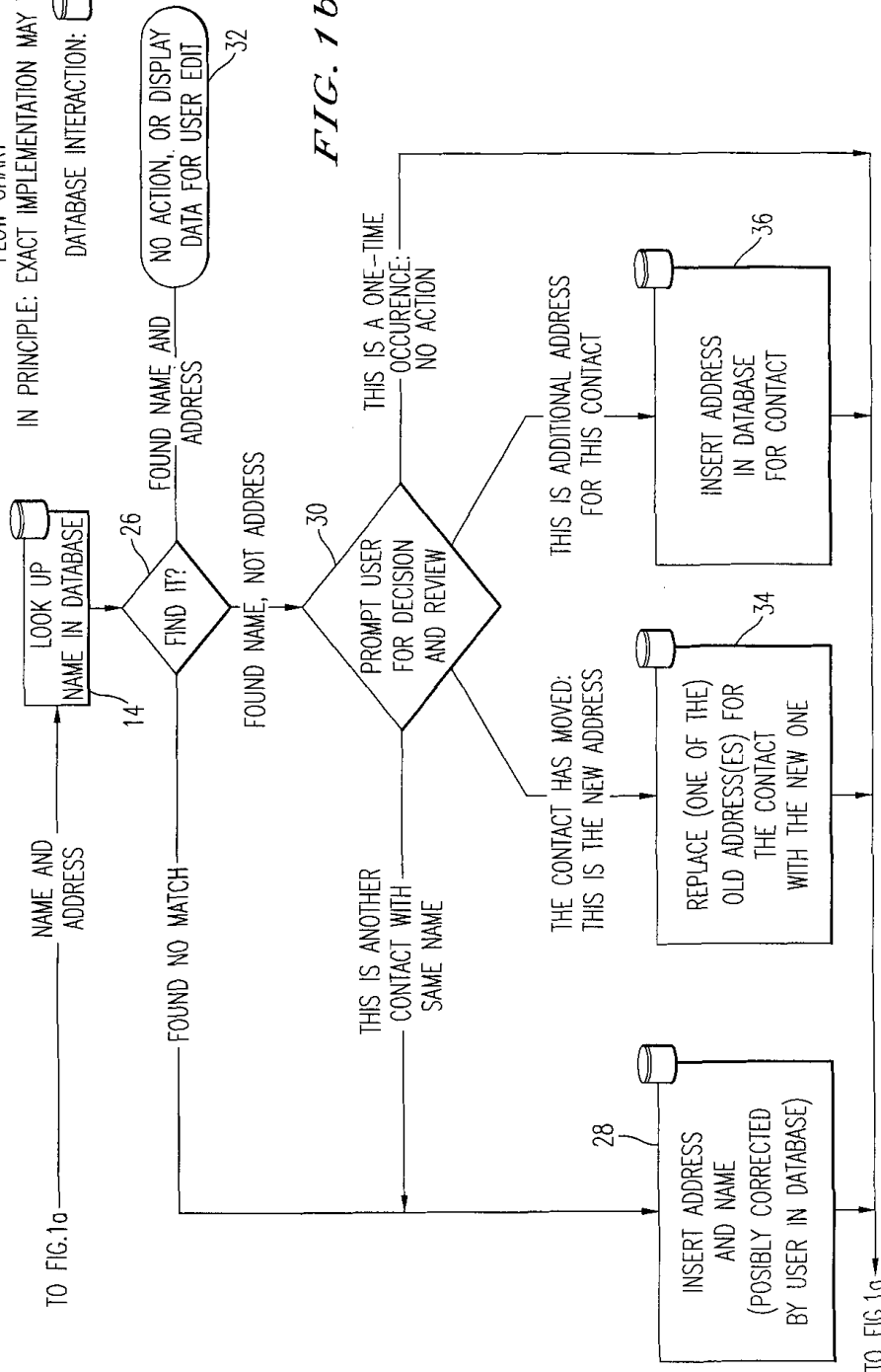
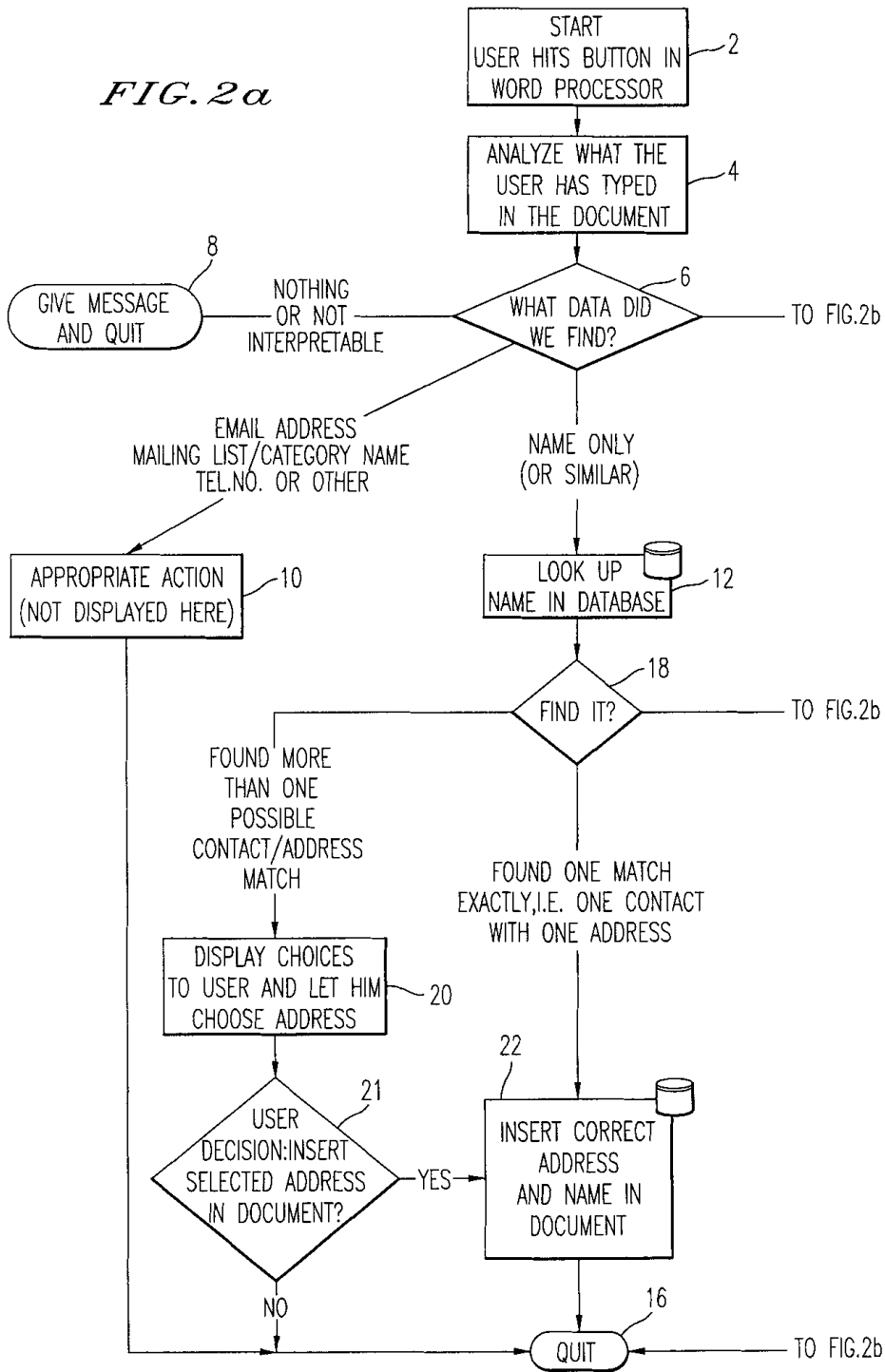
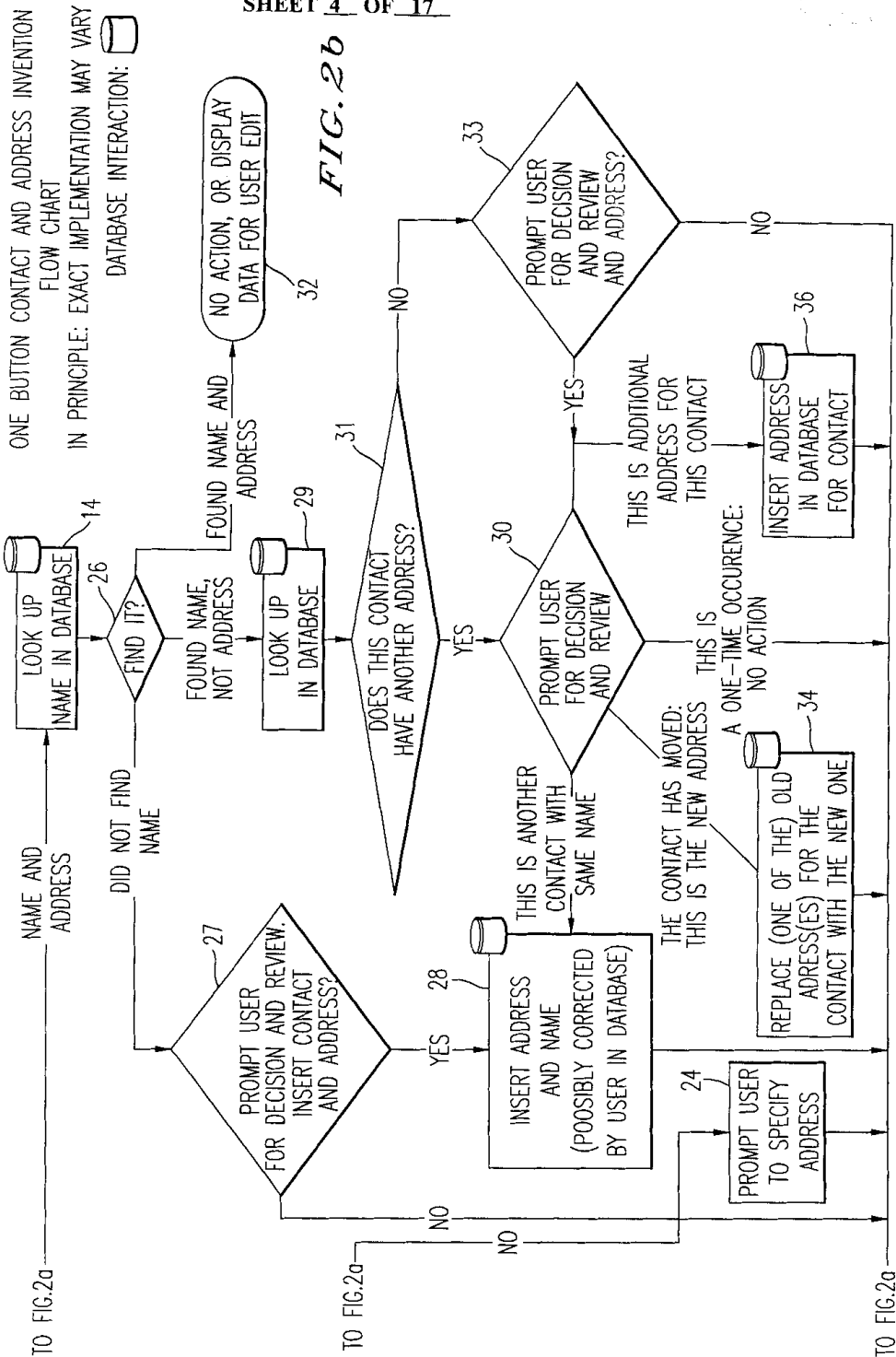


FIG. 1b

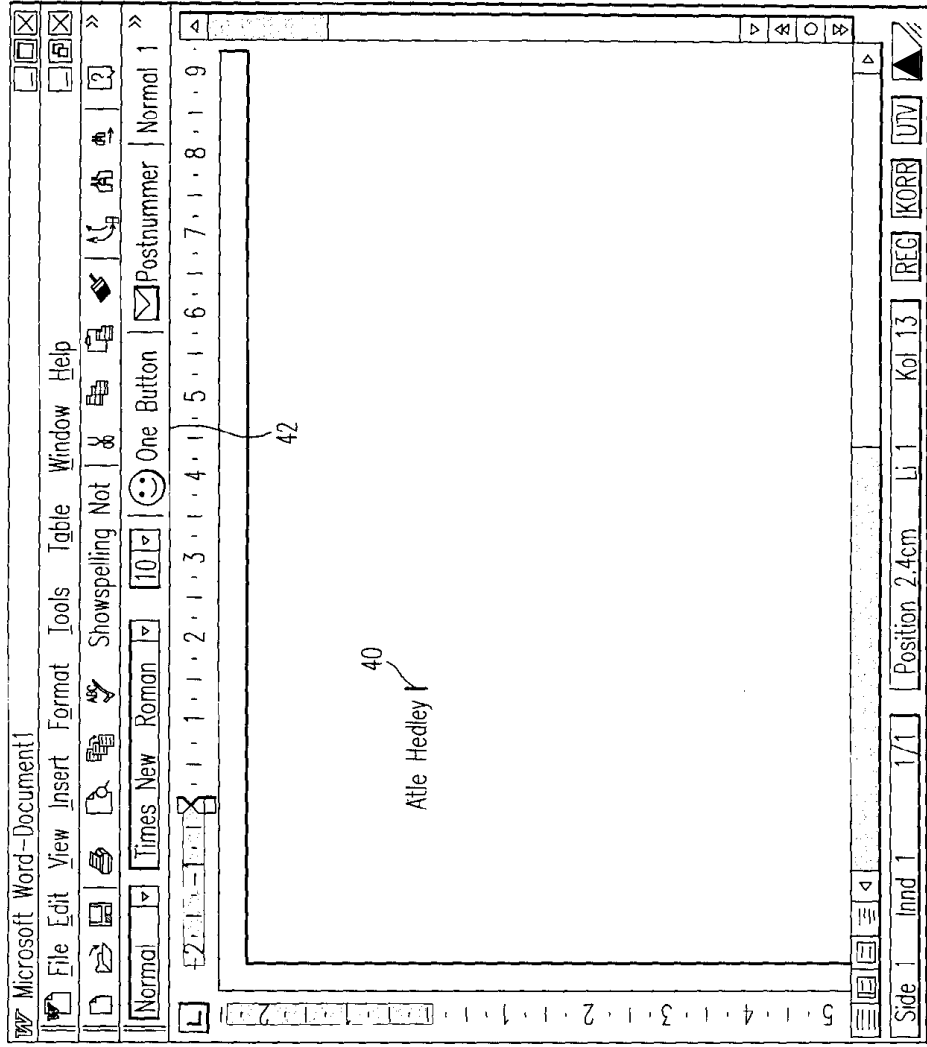
FIG. 2a





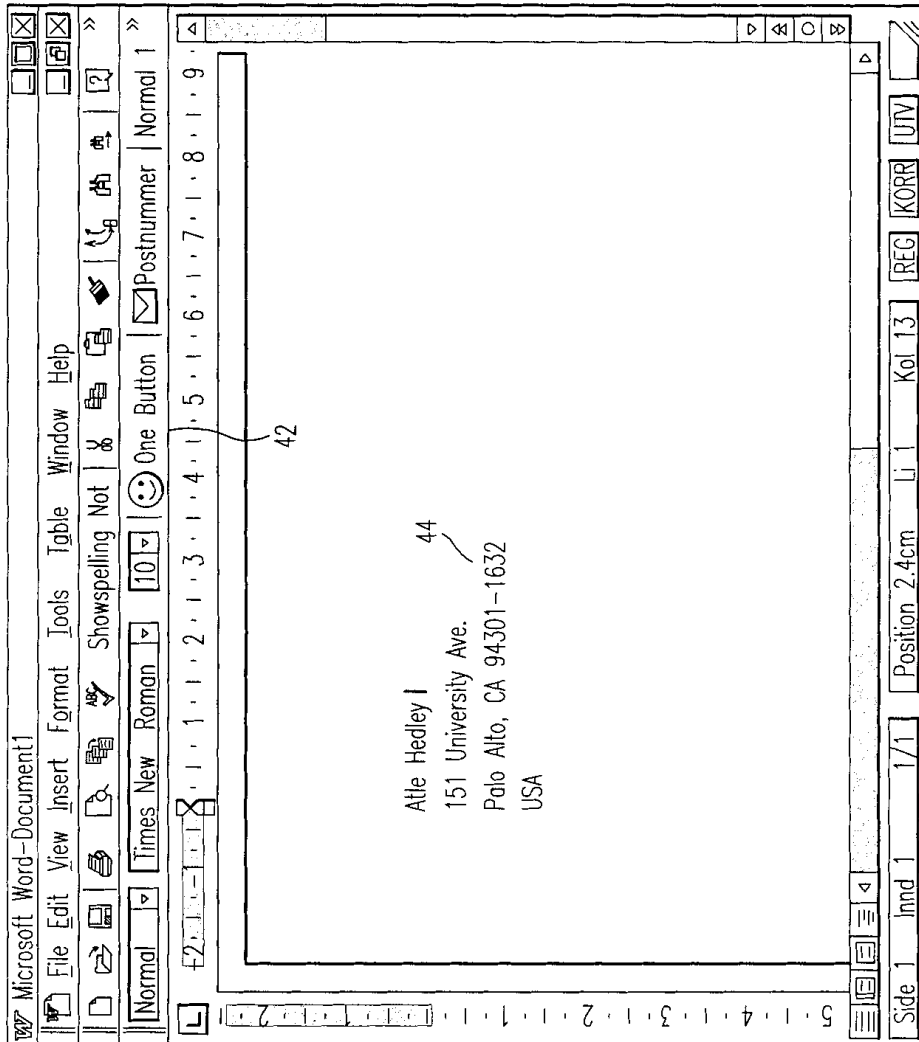
SERIAL NO: 09/189,626
INV: Atle HEDLOY
DOCKET # 9877-0001-20
BATCH: A29
SHEET 5 OF 17

FIG. 3



SERIAL NO: 09/189,626
INV: Atle HEDLOY
DOCKET # 9877-0001-20
BATCH: A29
SHEET 6 OF 17

FIG. 4



ERIAL NO: 09/189,626
INV: Atle HEDLOY
DOCKET # 9877-0001-20
BATCH: A29
SHEET 7 OF 17

FIG. 5

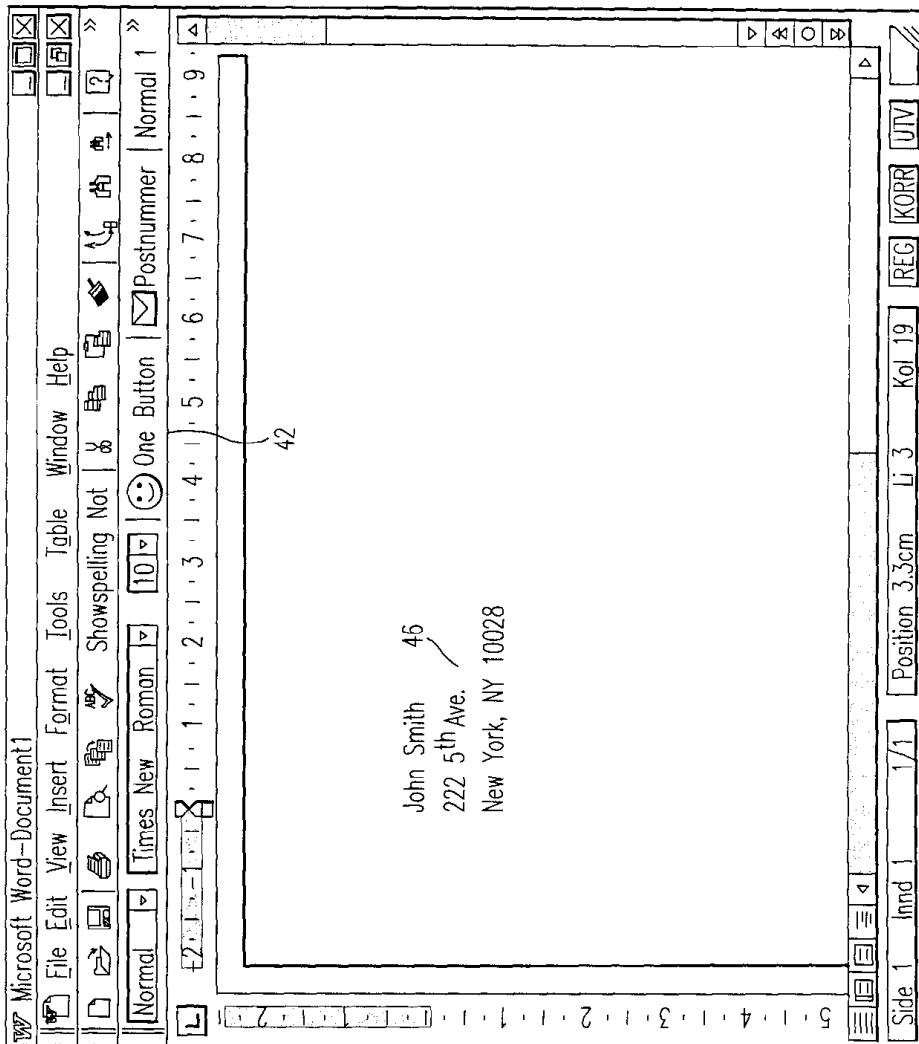


FIG. 6

