Exhibit B

(12) United States Patent Hedloy

(10) **Patent No.:**

US 7,496,854 B2

(45) Date of Patent:

Feb. 24, 2009

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

EP

0 093 250 A2 9/1983

FOREIGN PATENT DOCUMENTS

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

(Continued)

Assignee: Arendi Holding Limited, Grand

OTHER PUBLICATIONS

Cayman (KY)

User Manual For AddressMate and AddressMate Plus 1994-1995 by AddressMate Software.

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 20 days.

(Continued)

Appl. No.: 09/923,134

Notice:

(*)

(51)

Primary Examiner—Sy D. Luu

(22)Filed: Aug. 6, 2001 (74) Attorney, Agent, or Firm—Cesari and McKenna, LLP

(65)**Prior Publication Data** US 2002/0054092 A1 May 9, 2002

ABSTRACT

Related U.S. Application Data

Continuation of application No. 09/189,626, filed on Nov. 10, 1998, now Pat. No. 6,323,853.

Int. Cl.

G06F 3/00 (2006.01)(52)

345/705, 710, 744, 764, 804, 805, 808, 809, 345/835, 840, 853, 968; 707/1, 3, 500, 501.1, 707/505, 507, 513, 515, 530; 715/500, 501.1, 715/505, 507, 513, 515, 530, 780, 816

See application file for complete search history.

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.

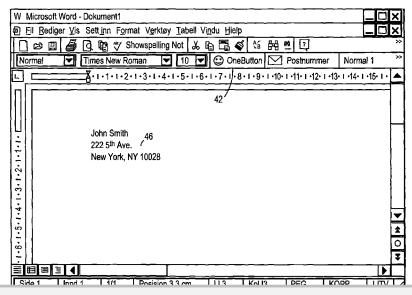
(56)References Cited

U.S. PATENT DOCUMENTS

4,674,065 A 6/1987 Lange et al.

(Continued)

101 Claims, 14 Drawing Sheets





US 7,496,854 B2

Page 2

U.S. PATENT DOCUMENTS

5,267,155 A 7/1994 Hashimoto et al. 707/531 5,375,200 A * 12/1994 Dugan et al. 345/804 5,392,386 A 2/1995 Chalas 5,416,901 A 5/1995 Torres 345/835 5,491,783 A 2/1996 Douglas et al. 345/846 5,491,784 A 2/1996 Douglas et al. 345/816 5,500,859 A 3/1996 Sharma et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 379/142.05 5,576,955 A 11/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,732,229 A 3/1998 Unibertson et al. 707/3 5,732,229 A 3/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 French et al. 345/826 5,794,259 A 8/1998 Kikinis 7007/507 5,805,886 A 9/1998 Skarbo et al. 707/507 5,805,886 A 9/1998 Skarbo et al. 707/507 5,835,830 A 1/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Borovoy et al. 707/501.1 5,864,848 A 1/1998 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vancehanos, Jr. 707/10 5,893,093 A 4/1999 Horvitz et al. 5,990,383 A 5/1999 Miyasaka et al. 709/211 5,907,838 A 5/1999 Wills 707/50 5,907,838 A 5/1999 Madnick et al. 707/50 5,907,838 A 5/1999 Wasaka et al. 709/210 5,907,838 A 5/1999 Borovoy et al. 707/501.1 5,894,647 A 8/1999 Breese et al. 6,021,403 A 2/2000 Horvitz et al. 6,026,398 A 2/2000 Brown et al. 707/505 6,067,565 A 5/2000 Horvitz 6,182,133 B1 1/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,226,117	Α		7/1993	Miklos 345/853
5,331,555 A 7/1994 Hashimoto et al. .707/531 5,375,200 A * 12/1995 Dugan et al. .345/804 5,392,386 A 2/1995 Douglas et al. .345/835 5,416,901 A 5/1995 Torres .345/846 5,491,783 A 2/1996 Douglas et al. .345/846 5,491,784 A 2/1996 Sharma et al. .370/468 5,530,853 A 6/1996 Skarbo et al. .370/468 5,530,853 A 6/1996 Skarbo et al. .379/142.05 5,576,955 A 11/1996 Newbold et al. .707/13 5,666,712 A 2/1997 Dickinson .707/103 R 5,666,502 A 9/1997 Capps .345/811 5,704,597 A 3/1998 Goodwin et al. .707/531 5,732,229 A 3/1998 Dickinson .345/764 5,761,656 A 6/1998 Ben-Shachar .707/4 5,794,229 A 8/1998 Ben-Shachar .707/4 5,794,228 A 8/1998 Shane .709/219 5,794,228 A 8/1998 Sharb et al. .707/507 5,805,886 A 9/1998 Skarbo et al. .707/507 5,826,257 A 10/1	, ,	Α		11/1993	Buchanan et al.
5,375,200 A* 12/1994 Dugan et al. 345/804 5,392,386 A 2/1995 Chalas 5,416,901 A 5/1995 Torres 345/835 5,491,783 A 2/1996 Douglas et al. 345/846 5,491,784 A 2/1996 Douglas et al. 345/810 5,500,859 A 3/1996 Sharma et al. 370/468 5,530,853 A 6/1996 Schell et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,640,565 A 6/1997 Cickinson 707/103 R 5,7640,565 A 6/1997 Cickinson 707/103 R 5,7640,565 A 6/1998 Boodwin et al. 707/35 5,724,597 A 3/1998 Dickinson 345/818 5,731,292 A <td< td=""><td></td><td>Α</td><td></td><td>7/1994</td><td>Hashimoto et al 707/531</td></td<>		Α		7/1994	Hashimoto et al 707/531
5,392,386 A 2/1995 Torres 345/835 5,491,783 A 2/1996 Douglas et al. 345/846 5,491,784 A 2/1996 Douglas et al. 345/846 5,500,859 A 3/1996 Sharma et al. 370/468 5,530,853 A 6/1996 Schell et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Uthbertson et al. 707/3 5,733,2229 A 3/1998 Dickinson 345/764 5,781,189 A 7/1998 Holleran et al. 345/764 5,794,228 A 8/1998 French et al. 345/826 5,794,259 A 8/1998 French et al. 707/507 5,805,886 A 9/1998 Skarbo et al. 707/75 5,805,886 A 9/1998 Skarbo et al. 707/501 5,833,089 A 11/1998 Pandit 707/501.1 </td <td></td> <td>Α</td> <td>*</td> <td></td> <td></td>		Α	*		
5,491,783 A 2/1996 Douglas et al. 345/846 5,491,784 A 2/1996 Douglas et al. 345/810 5,500,859 A 3/1996 Sharma et al. 370/468 5,530,853 A 6/1996 Skehell et al. 707/15 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 707/1 5,606,712 A 2/1997 Hidaka 712/1 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Ben-Shachar 707/4 5,793,272 A 8/1998 Share 709/219 5,794,259 A 8/1998 Share 709/219 5,793,372 <t< td=""><td></td><td>Α</td><td></td><td>2/1995</td><td></td></t<>		Α		2/1995	
5,491,784 2/1996 Douglas et al. 345/810 5,500,859 A 3/1996 Sharma et al. 370/468 5,530,853 A 6/1996 Schell et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1998 Newbold et al. 712/1 5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/3 5,732,229 A 3/1998 Dickinson 345/764 5,781,189 A 7/1998 Ben-Shachar 707/7 5,794,259 A 8/1998 Shane 709/219 5,794,259 A 8/1998 Kikinis 707/5 5,993,302 A 8/199	5,416,901	Α		5/1995	Torres 345/835
5,500,859 A 3/1996 Sharma et al. 370/468 5,530,853 A 6/1996 Schell et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 379/142.05 5,606,712 A 2/1997 Hidaka 712/1 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Johnson et al. 707/75 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 5,826,257 A 10/1998 Skarbo et al. 345/751 5,835,089 A 11/1999 Pandit 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/501.1 5,8	5,491,783	Α		2/1996	Douglas et al 345/846
5,530,853 A 6/1996 Schell et al. 707/1 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 707/103 5,640,565 A 6/1997 Capps 345/811 5,766,650 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/33 5,724,597 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,259 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Kikinis 707/70 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 <	5,491,784	Α		2/1996	Douglas et al 345/810
5,546,447 A 8/1996 Skarbo et al. 379/142.05 5,576,955 A 11/1996 Newbold et al. 712/1 5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,229 A 8/1998 French et al. 5,794,229 A 5,794,259 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Kikinis 707/70 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 5,826,257 A 10/1998 Shaling, Jr. 707/4 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707	5,500,859	Α		3/1996	Sharma et al
5,576,955 A 11/1996 Newbold et al. 5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/531 5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Dickinson 345/764 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,895,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Sharbo et al. 709/318 5,855,636 A 1/1998 Snelling, Jr. 707/4 5,886,888 A 1/1999 Pandit 707/501.1 5,884,309 A 1/1999 Pandit 707/501.1 5,896,533 A 4/1999 Wills 707/51 5,997,838 A 5/1999 Miyasaka et al. 707/10 5,996,808 A 7/1999 Ramos et al. 707/10 5,996,808 A 7/1999 Pandit 707/5	5,530,853	Α		6/1996	Schell et al 707/1
5,606,712 A 2/1997 Hidaka 712/1 5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/31 5,732,229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,229 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Skarbo et al. 707/507 5,805,886 A 9/1998 Sharbo et al. 709/318 5,815,830 A 9/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,990,533 A 4/1999 Wills 707/5 5,913,214 A 6/1999 Mainck et al. 707/5	5,546,447	Α		8/1996	Skarbo et al 379/142.05
5,640,565 A 6/1997 Dickinson 707/103 R 5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Dickinson 345/764 5,731,2229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Sharbo et al. 709/318 5,815,830 A 9/1998 Sharbo et al. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,896,533 A 4/1999 Wills 707/50 5,997,838 A 5/1999 Miyasaka et al. 707/10 5,926,808 A 7/1999 Miyasaka et al. 707/4 5,926,808 A 7/1999 Miler et al. <td< td=""><td>5,576,955</td><td>Α</td><td></td><td>11/1996</td><td>Newbold et al.</td></td<>	5,576,955	Α		11/1996	Newbold et al.
5,666,502 A 9/1997 Capps 345/811 5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/46 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Shalling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,884,309 A 3/1999 Wills 707/501.1 5,896,533 A 4/1999 Wills 707/5 5,997,838 A 5/1999 Miyasaka et al. 707/40 5,924,090 A 7/1999 Wills 707/5 5,926,808 A 7/1999 Wills et al. 707/5	5,606,712	Α		2/1997	Hidaka 712/1
5,708,804 A 1/1998 Goodwin et al. 707/3 5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Sharbo et al. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,873,107 A 2/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,896,533 A 4/1999 Wills 707/5 5,993,093 A 4/1999 Wills 707/5 5,994,604 A 7/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/5 5,926,808 A 7/1999 Evans et al. 707/5 <td>5,640,565</td> <td>Α</td> <td></td> <td>6/1997</td> <td>Dickinson 707/103 R</td>	5,640,565	Α		6/1997	Dickinson 707/103 R
5,724,597 A 3/1998 Cuthbertson et al. 707/531 5,732,229 A 3/1998 Dickinson	5,666,502	Α		9/1997	Capps 345/811
5,732,229 A 3/1998 Dickinson 345/764 5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 5,826,257 A 10/1998 Skarbo et al. 345/751 5,835,089 A 11/1999 Boroly et al. 707/501.1 5,844,848 A 1/1999 Horvitz et al. 5,873,107 A 2/1999 Boroly et al. 707/501.1 5,886,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/5 5,926,808 A 7/1999 Evans et al. 707/5 5,930,471 A 7/1999 Brosse et al. 707/5 5,9946,647 A 8/1999 Miller et al. 709/204 5,999,38 A 12/1999 Brosse et al. 709/204	5,708,804	Α		1/1998	Goodwin et al 707/3
5,761,656 A 6/1998 Ben-Shachar 707/4 5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,794,259 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Sharbony 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,349 A 3/1999 Vanechanos, Jr. 707/10 5,895,633 A 4/1999 Wills 700/5 5,997,838 A 5/1999 Miyasaka et al. 700/2 5,992,6808 A 7/1999 Ramos et al. 707/10 5,926,808 A 7/1999 Fevans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 700/2 5,999,938 A 12/1999 Brese et al. 700/2 6,066,218 A 12/1999 Brese et al. 700/2 6,067,565 A 5/2000 Horvitz	5,724,597	Α		3/1998	Cuthbertson et al 707/531
5,781,189 A 7/1998 Holleran et al. 345/826 5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,794,229 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Skinis 707/507 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/50 5,896,533 A 4/1999 Wills 707/5 5,997,838 A 5/1999 Mary et al. 707/4 5,926,808 A 7/1999 Krellenstein 707/5 5,926,808 A <td>5,732,229</td> <td>Α</td> <td></td> <td>3/1998</td> <td>Dickinson 345/764</td>	5,732,229	Α		3/1998	Dickinson 345/764
5,793,972 A 8/1998 Shane 709/219 5,794,228 A 8/1998 French et al. 707/507 5,794,259 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Johnson et al. 709/318 5,815,830 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Snelling, Jr. 707/4 5,835,089 A 10/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,896,533 A 4/1999 Wills 707/5 5,896,533 A 4/1999 Wills 707/5 5,913,214 A 6/1999 Miyasaka et al. 707/4 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 709/204 5,999,938 A 12/1999 Biss et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,006,218 A 12/1999 Breese et al. 6,006,218 A 12/1999 Breese et al. 707/5 6,067,565 A	5,761,656	Α		6/1998	Ben-Shachar 707/4
5,794,228 A 8/1998 French et al. 5,794,259 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,896,533 A 4/1999 Wills 707/5 5,997,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/5 5,926,808 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 709/204 5,999,938 A 12/1999 Breese et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,002,1403 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,201 A 7/2000 Tso 707/505<	5,781,189	Α		7/1998	Holleran et al 345/826
5,794,259 A 8/1998 Kikinis 707/507 5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 5,826,257 A 10/1998 Shalling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 345/751 5,859,636 A 1/1999 Pandit 707/501.1 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Wills 707/5 5,896,533 A 4/1999 Wills 707/5 5,997,838 A 5/1999 Miyasaka et al. 709/217 5,924,090 A 7/1999 Malnick et al. 707/5 5,926,808 A 7/1999 Evans et al. 709/204 5,999,938 A 12/1999 Biss et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,002,1403 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,201 A 7/2000 Tso	5,793,972	Α		8/1998	Shane 709/219
5,799,302 A 8/1998 Johnson et al. 707/7 5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 707/4 5,826,257 A 10/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,894,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Willewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 5,999,938 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitz 6,067,565 A 5/2000 Horvitz 6,085,226 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,085,226 A		Α		8/1998	French et al.
5,805,886 A 9/1998 Skarbo et al. 709/318 5,815,830 A 9/1998 Anthony 707/4 5,826,257 A 10/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Willewski et al. 709/204 5,999,38 A 12/1999 Biss et al. 709/204 6,006,218 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitz et al. 6,026,398 A 2/2000 Brown et al. 707/505 6,085,226 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horv	5,794,259	Α		8/1998	Kikinis 707/507
5,815,830 A 9/1998 Anthony 5,826,257 A 10/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 709/217 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,996,538 A 12/1999 Biss et al. 709/204 6,006,218 A 12/1999 Breese et al. 709/204 6,046,647 A 8/1999 Miller et al. 709/204 6,021,403 A 2/2000 Horvitz et al. 707/5 6,067,565 A 5/2000 Horvitz 707/5 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,085,226 A	5,799,302	Α		8/1998	Johnson et al 707/7
5,826,257 A 10/1998 Snelling, Jr. 707/4 5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Wilewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitz et al. 6,021,403 A 2/2000 Brown et al. 707/505 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz et al. 6,260,35 B1 7/2001 Horvitz et al. 6,260,730 B1 7/2001 Horvitz et al.	5,805,886	Α		9/1998	Skarbo et al 709/318
5,835,089 A 11/1998 Skarbo et al. 345/751 5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 707/5 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Krellenstein 707/5 5,930,471 A 7/1999 Milewski et al. 709/204 5,996,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,006,218 A 6,006,218 A 12/1999 Breese et al. 707/5 6,067,565 A 5/2000 Horvitz et al. 707/5 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz et al. 6,223,570 B1 5/2001 Horvitz et al. 6,260,335 B1 7/2001 Horvitz et al.	5,815,830	Α		9/1998	Anthony
5,859,636 A 1/1999 Pandit 707/501.1 5,864,848 A 1/1999 Horvitz et al. 707/501.1 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,893,093 A 4/1999 Wills 707/50 5,997,838 A 5/1999 Miyasaka et al. 709/217 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,006,218 A 6,002,1403 A 2/2000 Horvitz et al. 707/5 6,067,565 A 5/2000 Horvitz 707/505 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz et al. 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al.	5,826,257	Α		10/1998	Snelling, Jr 707/4
5,864,848 A 1/1999 Horvitz et al. 5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,896,533 A 4/1999 Wills 709/217 5,907,838 A 5/1999 Miyasaka et al. 709/217 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 2/2000 Horvitx et al. 6,021,403 A 2/2000 Horvitx et al. 707/5 6,067,565 A 5/2000 Horvitz 707/505 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 10,262,730 B1 7/2001 Horvitz et al.	5,835,089	Α		11/1998	Skarbo et al 345/751
5,873,107 A 2/1999 Borovoy et al. 707/501.1 5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,893,093 A 4/1999 Wills 707/5 5,896,533 A 4/1999 Ramos et al. 709/217 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 700/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Breese et al. 6,006,218 A 6,006,218 A 2/2000 Horvitx et al. 707/5 6,021,403 A 2/2000 Brown et al. 707/5 6,085,201 A 7/2000 Tso 707/505 6,085,201 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al.	5,859,636	Α		1/1999	Pandit 707/501.1
5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,893,093 A 4/1999 Wills 707/5 5,896,533 A 4/1999 Ramos et al. 709/217 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Millewski et al. 709/204 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 2/2000 Horvitx et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,864,848	Α		1/1999	
5,884,309 A 3/1999 Vanechanos, Jr. 707/10 5,893,093 A 4/1999 Wills 707/5 5,896,533 A 4/1999 Ramos et al. 709/217 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Millewski et al. 709/204 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 2/2000 Horvitx et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,873,107	A		2/1999	Borovoy et al 707/501.1
5,896,533 A 4/1999 Ramos et al. 709/217 5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 5,999,938 A 5,999,938 A 12/1999 Biss et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,085,201 A 7/2000 Horvitz 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,35 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,884,309	Α		3/1999	
5,907,838 A 5/1999 Miyasaka et al. 707/4 5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Biss et al. 6,006,218 A 6,021,403 A 2/2000 Horvitx et al. 707/5 6,026,398 A 2/2000 Brown et al. 707/5 6,085,201 A 7/2000 Horvitz 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,893,093	Α		4/1999	
5,913,214 A 6/1999 Madnick et al. 707/10 5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Biss et al. 6,006,218 A 6,006,218 A 12/1999 Breese et al. 707/5 6,021,403 A 2/2000 Horvitx et al. 707/5 6,067,565 A 5/2000 Horvitz 707/50 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,232,3570 B1 5/2001 Horvitz et al. 6,260,35 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,896,533	Α		4/1999	Ramos et al 709/217
5,924,090 A 7/1999 Krellenstein 707/5 5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 5,999,938 A 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 6,001,403 A 2/2000 Horvitx et al. 707/5 6,021,403 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,907,838	Α		5/1999	Miyasaka et al 707/4
5,926,808 A 7/1999 Evans et al. 707/3 5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Bliss et al. 12/1999 6,006,218 A 12/1999 Breese et al. 707/5 6,021,403 A 2/2000 Horvitx et al. 707/5 6,067,565 A 5/2000 Horvitz 707/505 6,085,201 A 7/2000 Tso 707/505 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,913,214	Α		6/1999	Madnick et al 707/10
5,930,471 A 7/1999 Milewski et al. 709/204 5,946,647 A 8/1999 Miller et al. 709/204 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitx et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,730 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,924,090	Α		7/1999	Krellenstein 707/5
5,946,647 A 8/1999 Miller et al. 5,999,938 A 12/1999 Bliss et al. 6,006,218 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,232,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,926,808	Α		7/1999	Evans et al 707/3
5,999,938 A 12/1999 Bliss et al. 6,006,218 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,232,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,930,471	Α		7/1999	Milewski et al 709/204
6,006,218 A 12/1999 Breese et al. 6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,232,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,946,647	Α		8/1999	Miller et al.
6,021,403 A 2/2000 Horvitx et al. 6,026,398 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,232,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	5,999,938	Α		12/1999	Bliss et al.
6,026,398 A 2/2000 Brown et al. 707/5 6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso 707/505 6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	6,006,218	Α		12/1999	Breese et al.
6,067,565 A 5/2000 Horvitz 6,085,201 A 7/2000 Tso	6,021,403	Α		2/2000	
6,085,201 A 7/2000 Tso	6,026,398	Α		2/2000	Brown et al 707/5
6,085,226 A 7/2000 Horvitz 6,182,133 B1 1/2001 Horvitz 6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	6,067,565	Α		5/2000	
6,182,133 B1	6,085,201	Α		7/2000	Tso 707/505
6,223,570 B1 5/2001 Horvitz et al. 6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.	6,085,226	Α		7/2000	Horvitz
6,260,035 B1 7/2001 Horvitz et al. 6,262,730 B1 7/2001 Horvitz et al.					
6,262,730 B1 7/2001 Horvitz et al.	6,223,570	В1			
6,323,853 B1* 11/2001 Hedloy 345/810					
	6,323,853	Bl	*	11/2001	Hedloy 345/810

FOREIGN PATENT DOCUMENTS

EP 0093250 11/1983

OTHER PUBLICATIONS

Microsoft Word 97 Help File entitled "Automatically check spelling and grammar as you type".

Microsoft Word 97 Help File entitled "Turn automatic changes on or off".

Microsoft Word 97 Help File entitled "Automatically correct text". Microsoft Word 97 Help File entitled "Field Codes: Hyperlink Field".

Microsoft Word 97 Help File entitled "Change the contents of an AutoCorrect entry".

Wood, Andrew, et al., CyberDesk: Automated Integration of Desktop

Gregory D. Abowd, Anidn Dey and Andy M. Wood, Applying Dynamic Integration as a Software Infrastructure for Context-Aware Computing, GVU Technical Report, GIT-GVU-97-18, Sep. 1997.

Gregory D. Abowd, Anind Dey, Robert Orr and Jason Brotherson, Context-awareness in wearable and ubiquitous computing, GVU Technical Report, GIT-GVU-97-11, Mar. 1997.

Apple Data Detectors User's Manual, Jul. 1, 1997

Apple Internet Address Detector User's Manual, Aug. 28, 1997. Apple Introduces Internet Address Detectors, Sep. 8, 1997.

Contextual Menu Manager/Apple Data Detectors.

CoStar User Manual for AddressMate and AddressMate Plus.

Ctags (UNIX Command).

Anind K. Dey and Gregory D. Abowd, CyberDesk: The Use of Perception in Context-Aware Computing, PUI Workshop Submission, Proc. of 1997 Workshop on Perceptual User Interfaces (PUI '97), pp. 26-27, Oct. 1997.

Anind K. Dey, Context-Aware Computing: The CyberDesk Project, Future Computing Environments, AAAI '98 Spring Symposium, Stanford University, pp. 51-55, Mar. 23-25, 1998.

Anind K. Dey, Gregory D. Abowd and Andrew Wood, CyberDesk: a framework for providing self-integrating context-aware services, Knowledge-Based Systems, vol. 11, No. 1, pp. 3-13, Sep. 1998.

Anind K. Dey, Gregory D. Abowd, Mike Pinkerton and Andrew Wood, CyberDesk: A Framework for Providing Self-Integrating Ubiquitous Software Services, GVU Technical Report, GIT-GVU-97-10, May 1997.

L. Nancy Garrett, Karen E. Smith and Norman Meyrowitz, Intermedia: Issues, Strategies, and Tactics in the Design of a Hypermedia Document System, (c) 1986, pp. 163-174.

Eve Wilson, Links and Structures in hypertext databases for law, Proceedings of the First European Conference on Hypertext, INRIA, Nov. 1990.

Mike Langberg, 'Innovation is at the heart of what we do', Apple breaks new ground by displaying what's on its drawing board, Mercury News, Aug. 7, 1996, pp. 1-2.

Henry Lieberman, Bonnie A. Nardi and David Wright, Training Agents to Recognize Text by Example, Proc. of the Third4Annual Conference on Autonomous Agents, Seattle, WA, pp. 116-122, 1999. User's Guide, Microsoft Word 6.0, for Windows and Macintosh.

Bonnie A. Nardi, James R. Miller and David J. Wright, Collaborative, Programmable Intelligent Agents, Website, Mar. 1998, pp. 1-11.

Milind S, Pandit and Sameer Kalbag, The Selection Recognition Agent: Instance Access to Relevant Information and Operations, Proc. of Intelligent User Interfaces 1997, Orlando, FL, 1997.

Spell, iSpell Spellout.

WikiWikiWeb.

United States Court of Appeals for the Federal Circuit, Appeal From the United States District Court for the District of Rhode Island in Case No. 02-CV-343, Judge Ernest C. Torres. Brief for Defendant-Cross Apellant Frank E. Scherkenbach Jul. 7, 2005.

United States District Court for the District of Rhode Island, 02-CV-343 (ECT) Defendant Microsoft Corporation's Motion for Judgement as a Matter of Law That the '853 Patent is Invalid, Oct. 15, 2004. United States District Court of Rhode Island, CIV. A. No. 02-CV-343 (ECT), Plaintiffs' Reply Memorandum in Support of Their Motion for New Trial.Francis A. Connor. Nov. 4, 2004.

United States Court of Appeals Federal Circuit, Brief for Plaintiff-Apellant, Frank E. Scherkenbach, Sep. 2, 2005.

United States District Court for the District of Rhode Island 02-CV-343 (ECT). Memorandum in Support of Defendant Microsoft Corporation's Opposition to Arendi's Motion for a New Trial. Patricia A. Sullivan, Oct. 27, 2004.

United States Court of Appeals for the Federal Circuit, Appeal From the United States District Court for the District of Rhode Island in Case No. 02-CV-343, Brief of Plaintiffs-Appellants Arendi U.S.A., Inc. and Arend Holding Limited. Donald R. Dunner, Apr. 25, 2005. United States Court of Appeals for the Federal Circuit, Appeal From the United States District Court for the District of Rhode Island in Case No. 02-CV-343, Reply Brief for Defendant-Cross Appellant. Frank E. Scherkenbach, Oct. 3, 2005.



US 7,496,854 B2

Page 3

a Matter of Law That the '853 Patent is Invalid, C.A. No. 02-343T. Ernest C. Torres, Chief Judge, Nov. 30, 2004.

United States District Court for the District of Rhode Island. C.A. 02-343T. Order Denying Plaintiffs' Motion for New Trial. Ernest C. Torres, Chief Judge, Nov. 30, 2004.

Addressmate Automatic Envelope Addressing Program, User's Manual, 1991.

Peter Brown, Unix Guide, 1995.

N.D. Beitner, et al, Multimedia Support and Authoring in Microcosm: an extended model.

Lee E. McMahon, SED—A Non-interactive Text Editor, Bell Laboratories, Aug. 15, 1978.

SED(1), BSD Reference Manual Page.

AddressMate for Windows, Version 2.0, Product Box and License Agreement.

AddressMate Incorproates Correction Capability, The New York Law Publishing Company, Jan. 1996.

Lawrence J. Magid, Addressing the Matter of Labels, Los Angeles Times, Sep. 23, 1996.

Mar. 1996 Reviews, website available at www.techweb.com/winmag/library/1996/0396/03rvh002.htm.

Important Note for New AddressMate Users.

Important Tips for LabelWriter Owners Using AddressMate. Adressing the Issues, Jun. 24, 1993.

AddressMate Advertisement "Whye Do it the Olde Way".

Philip Robinson, The Envelope, Please: It's AddressMate, San Jose Mercury News, Sunday, Jul. 19, 1992.

Steve Supkoff, AddressMate, PCM, Aug. 1992.

L.R. Shannon, Addressing Envelopes, The New York Times, Tuesday, Jul. 14, 1992.

Rob Schwabach, Addressing for Success, On Computers column, Mar. 16, 1992.

INFOWORLD, p. 15, Mar. 16, 1992.

Ken Hart, Simplify Envelope Printing with AddressMate, Computer Shopper.

Colvin's beta-testing of Addressmate sparks developer's appreciation, Westview, Apr. 6, 1992.

Press Release: AddressMate Software Automatically Addresses and bar Codes Envelopes to Save Time and money, Mar. 9, 1992.

Gearoge M> Long, Letter to Mr. David Block, Nov. 11, 1994.

Philip J. Damiano, Letter to Mr. David Block, Jan. 5, 1994.

AddressMate for Windows, Advertisement.

AddressMate Plus, Advertisement.

Ed Kahn, Envelope Addressing Finally Simplified AddressMate Does Addressing and Much More, Microtimes, Nov. 27, 1995.

Kirsten Bernthal, LabelWriter XL Plus, PC Catalog, Aug. 18, 1995. David Plotkin, Address for Success, Bay Area Computer Currents, p. 36-38, Mar. 21, 1995.

Address Fixer for Microsoft Word and office, Product Box.

AddressMate Plus, Product Box and License Agreement.

Getting Results with Microsoft Office for Windows 95, Version 7.0, 1995.

Getting Results with Microsoft Office 97, copyright 1995-1997. Microsoft Word, User's Guide, Verison 6.0, copyright 1993-1994. Apple Internet Address Detectors User's Manual, copyright 1997. CTAGS(1) Manual Page.

Eve Wilson, Links and Structures in Hypertext Databases for Law, in Hypertext: Concepts, Systems and Applications, Proceedings of the First European Conference opn Hypertext, Nov. 1990.

Matt Bernstein, An Apprentice that Discovers Hypertext Links. Contextual Menu Manager/Apple Data Detectors.

Eve Wilson, Guiding Lawyers: Mapping Law into Hypertext, Artificial Intelligence Review 6, pp. 161-189, 1992.

P.J. Brown et al, A Help System Based on UNIX Man Pages. Charles H. Franke III et al, Authoring a Hypertext Unix Help Manual,

P.J. Brown, Guide User Manual, 1985, sixteenth impression, Apr. 1995.

E. Wilson, Cases for Justus: Preparing a Case Database for a Hypertext Information Retrieval System, Literary and Linguistic COmputing, vol. 5, No. 2, 1990.

Mike Langberg, Apple Breaks New Ground by Displaying What on its drawing board, Aug. 7, 1996.

What is Wiki and Wiki History webpages, available at wiki.org/wiki.cgi?WhatlsWiki and www.c2.org/cgi/wiki?WikiHistory.

E.Wilson, Integrated Information Retrieval for Law in a Hypertext Environment, Annual ACM Conference on Research and Development in information Retrieval, 1988.

Multimedia Hyperlinks Automatically Created for Reference Documents, Research Disclosure, Jun. 1993.

Wiki Wiki Origin.

Joy-Lyn Blak, WikiWikiWeb, Computer World, Jan. 29, 2001.

Microsoft's Supplemental Responses to Arendi's Interrogatories, in *Arendi U.S.A. et al v. Microsoft Corporation*, Civil Action 02-CV-343 (ECT) from United States District Court for the District of Rhode Island.

Apple Introduces Internet Address Detectors, Press Release, Sep. 7, 1997

Cara Cunningham, Apple Kicks Off Macworld with talk of revival, new software demos, InfoWorld Electric, Aug. 7, 1996.

James Staten, Apple Looks to the Future, MacWeek, Aug. 7, 1996. Mark Simmons, Striking a Key Note, Mac Addict Online, Aug. 8, 1006

Jim Miller, email regarding Apple Data Detectors, Jan. 8, 1997. Apple Data Detectors web page, Jan. 6, 1997.

Apple Data Detectors—Now Shipping web page, Jan. 6, 1997.

The Apple Data Detectors FAQ, Jan. 6, 1997.

Apple Data Detector Webpages, available on web.archive.org/web/20020601164217/www.apple.com/applescript/data_detectors. Apple Data Detectors 1.0.2 Read Me.

Developer's Guide to Apple Data Detectors, Dec. 1, 1997.

AppleScript Editors, Utilities & Environments, available at www. applescriptsourcebook.com/links/applescripteditors.html, dated Jan. 11, 2004.

eMailman Internet Address Detectors.

Steve Tannehill, News from Jul. 1997.

Contol-Click! The Archive.

Contextual Menus: One of System 8's Greatest Features, in ApplePress.

Contextual Menu Manager/Apple Data Detectors, available at web. archive.org/web/20020803063750/www.macemail.com/emailer/CEMH/contextual.shtml.

Trygve's CMM Plug-Ins Homer, available at web.archive.org/web/19980130053511/www.bombaydigital.com/cmms.

ADD Depot, available from web.archive/web/20000819091818/http://homepage.mac.com/mathewmiller/add.

Press Release: Apple Introduces Internet Address Detectors, Sep. 8, 1997.

MacWEEK Report, Aug. 8, 1996.

Mike Langber, Show of Potential Apple Breaks New Ground By Displaying What's on Its Drawing Board 'Innovation is at the heart of what we do', in San Jose Mercury News, Aug. 7, 1996, p. 1C.

Apple Introduces Internet Address Detectors, Newsbytes, Sep. 29, 1997.

Greg Williams, Strategy Mosaic: Understanding Apple's Dual OS Strategy.

Taking [control] of your Mac with System 8, The MacAuthority, Jan. 1998.

Apple Data Detectors 1.0.2, TidBITS Updates, Mar. 8, 1998.

Apple Data Detectors 1.0.2, TidBITS #419, Mar. 9, 1998.

Tonya Engst, More Context on Contexual menus, TidBITS #399, Sep. 29, 1997

Tonya Engst, Of Mice and Menus, TidBITS #398, Sep. 22, 1997. Charles Whaley, Will this be enough to kick-start Apple?, Computing

Canada, Aug. 4, 1997. MacOS8.com—Mac OS 8 Indepth.

A Farewell to the Apple Advanced Technology Group, SIGCHI, vol. 30, No. 2, Apr. 1998.

James R. Miller and Thomas Bonura, From Documents to Objects, in SIGCHI, vol. 30, No. 2, Apr. 1998.

Thomas Bonura and James R. Miller, Drop Zones, in SIGCHI, vol. 30, No. 2, Apr. 1998.



US 7,496,854 B2

Page 4

Novell GroupWise User's Guide for Windows 16-BIT, Version 5.2, 1993, MS 125993, Novell, Inc., Orem, Utah.

Novell GroupWise Webaccess User's Guide, 1998, MS 126785, Novell, Inc., Orem, Utah.

Novell GroupWise User's Guide For Windows 32-BIT, 1998, MS 126463, Novell, Inc., Orem, Utah.

Arendi USA, Inc., et al. vs. Microsoft Corporation, et al. C.A. No. 02-343T Court Transcript from 2:00pm Sep. 13, 2004, Providence, RI.

Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 14, 2004, Providence RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 15, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 16, 2004, Providence, RI.

Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 17, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 20, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 21, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 22, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 23, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation:, et al.C.A. No. 02-343T Court Transcript from Sep. 27, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 27, 2004, Providence, RI. Arendi USA, Inc., et al. vs. Microsoft Corporation, et al.C.A. No. 02-343T Court Transcript from Sep. 28, 2004, Providence, RI.

* cited by examiner



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

