

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**

FOREIGN PATENT DOCUMENTS

EP 0 093 250 A2 9/1983

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(Continued)

(73) Assignee: **Arendi Holding Limited**, Grand Cayman (KY)

OTHER PUBLICATIONS

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

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

(Continued)

Primary Examiner—Sy D. Luu

(21) Appl. No.: **09/923,134**

(74) *Attorney, Agent, or Firm*—Cesari and McKenna, LLP

(22) Filed: **Aug. 6, 2001**

(57) **ABSTRACT**

(65) **Prior Publication Data**

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Related U.S. Application Data

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

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.

(51) **Int. Cl.**
G06F 3/00 (2006.01)

(52) **U.S. Cl.** **715/780**; 715/816

(58) **Field of Classification Search** 345/700, 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.

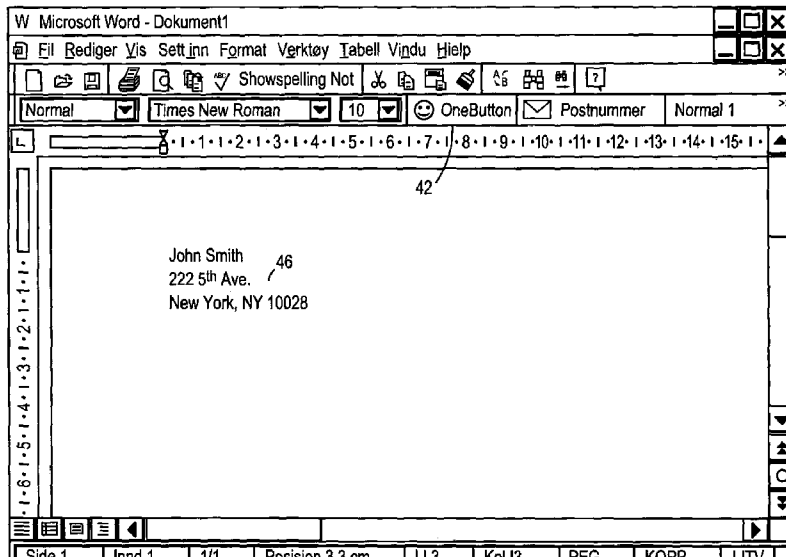
(56) **References Cited**

U.S. PATENT DOCUMENTS

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

(Continued)

101 Claims, 14 Drawing Sheets



US 7,496,854 B2

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U.S. PATENT DOCUMENTS

5,226,117	A	7/1993	Miklos	345/853
5,267,155	A	11/1993	Buchanan et al.	
5,331,555	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.	345/810
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	11/1996	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	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.	
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	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.	
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.	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	12/1999	Bliss et al.	
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.	707/5
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.	
6,323,853	B1 *	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 Third Annual 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 Appellant 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-Appellant, 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 Incorporates 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.
- Addressing 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 on 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, 1995.
- 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?WhatIsWiki 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, 1996.
- 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.org/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 Contextual 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. 28, 2004, Providence, RI.

* cited by examiner

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