



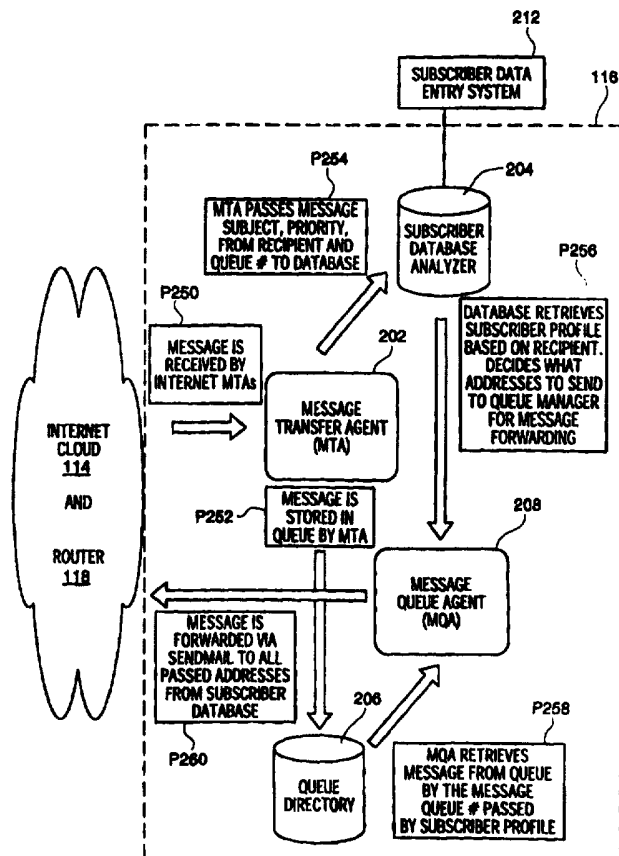
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/US97/06093 (22) International Filing Date: 11 April 1997 (11.04.97) (30) Priority Data: 08/635,248 12 April 1996 (12.04.96) US (71) Applicant: USA.NET, INC. [US/US]; Suite 400, 1155 Kelly Johnson Boulevard, Colorado Springs, CO 80920 (US). (72) Inventors: MULLIGAN, Geoffrey, C.; 2175 Cloverdale Drive, Colorado Springs, CO 80920 (US). CHASIN, Scott; 16 Boulder Court, Colorado Springs, CA 80903 (US). STREET, John, W.; 1310 North Gate Road, Colorado Springs, CO 80921 (US). BEAZLEY, Mary, M.; 1310 North Gate Road, Colorado Springs, CO 80921 (US). (74) Agents: CLEVELAND, Dan, Jr. et al.; Duft, Graziano & Forest, P.C., Suite 140, 1790-30th Street, Boulder, CO 80301-1018 (US).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 11 December 1997 (11.12.97)</p>	

(54) Title: ELECTRONIC MESSAGE FORWARDING SYSTEM

(57) Abstract

A telecommunications system (100) includes a service provider node (116) that is capable of forwarding electronic mail messages addressed to a user of the service provider node. The forwarding process is controlled by a message transfer agent (202), a subscriber database analyzer (204), a queue directory (206), and a message queue agent (208). The subscriber database analyzer performs a comparison between data that the user has provided and the message content. The subscriber database causes the message queue agent to forward the message to a user-defined telecommunications address based upon the message content and the results of the comparison.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/06093

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 6 H04L12/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 413 537 A (DIGITAL EQUIPMENT INT) 20 February 1991	1,2,4,5, 8,10,11, 13,14,17
Y	see abstract	3,6,7,9, 12,15, 16,18
	see page 2, column 1, line 11 - line 22	
	see page 2, column 1, line 45 - line 51	
	see page 2, column 2, line 4 - line 16	
	see page 2, column 2, line 44 - page 3, column 3, line 10	
	see page 3, column 3, line 29 - line 32	
	see page 3, column 4, line 36 - line 43	
	see page 4, column 5, line 24 - page 5, column 8, line 17	

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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

9 October 1997

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
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Authorized officer

Adkhis, F

INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MILLER J G ET AL: "ACCESSING MESSAGES YOUR WAY" AT & T TECHNOLOGY, vol. 10, no. 1, pages 6-9, XP000530274 see page 7, right-hand column, last paragraph see page 9, left-hand column, paragraph 5 ---	3,9,12, 18
Y	GAREISS R: "A VALUE-ADDED SERVICE WITH BRAINS" DATA COMMUNICATIONS, vol. 24, no. 1, page 66, 68, 70 XP000480808 see figure 1 see page 66, middle column, paragraph 3 - right-hand column, paragraph 1 ---	9,18
Y	CRAIGIE J: "ISO 10021 - X.400(88):A TUTORIAL FOR THOSE FAMILIAR WITH X.400(84)" COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 16, no. 1/02, pages 153-160, XP000004433 see the whole document see page 158, paragraph 7.4 -----	6,7,15, 16

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interr. Application No

PCT/US 97/06093

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EP 0413537 A	20-02-91	DE 69020457 D	03-08-95
		DE 69020457 T	14-03-96
		US 5377354 A	27-12-94
