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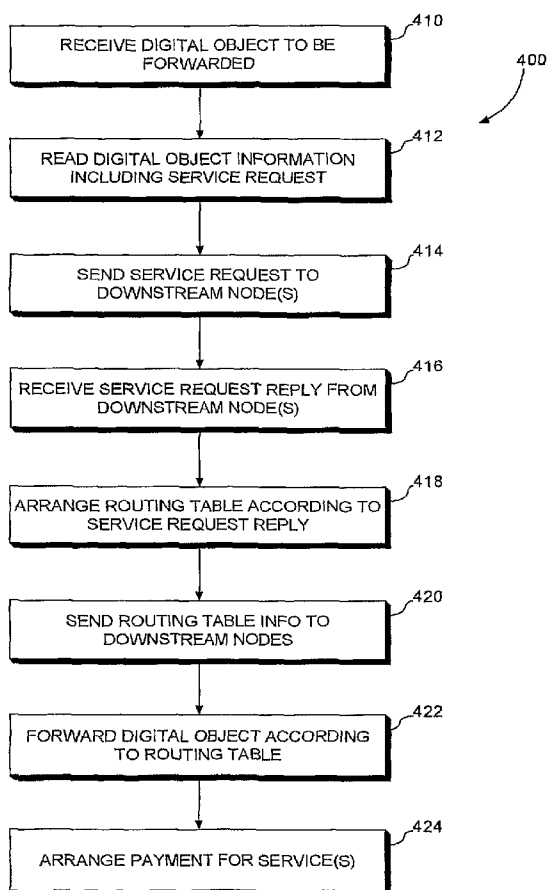
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[Continued on next page]

(54) Title: DIGITAL OBJECT ROUTING BASED ON A SERVICE REQUEST



(57) Abstract: A digital object may be routed via a network. Routing of a digital object may be based in part on a requested service, and/or on an ability of an intermediate node to provide the requested service, and/or on a willingness of the intermediate node to provide the requested service.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 15/173 (2007.01) USPC - 709/238 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) USPC - 709/238 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 709/205, 213, 223, 238; 715/700, 736, 748 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar Search Terms: Routing Table, Node, Device, ISP, Service Provider, Route, Transmit, Forward, Message, Data Packet, Request, Service, Available, Gateway, Digital Object, Content, Data, Intermediate, Payload, Add, Append, Media, Electronic Document, Voice etc.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 2004/0213224 A1 (GOUDREAU) 28 October 2004 (28.10.2004) entire document (especially para [0044],[0068]-[0069],[0071]-[0078],[0085]-[0087])	9, 13-16, 25, 29-32, 41, 45-48, 57, and 61-64 ----- 1-8, 10-12, 17-24, 26-28, 33-40, 42-44, 49-56, and 58-60
Y	US 2005/0204042 A1 (BANERJEE et al.) 15 September 2005 (15.09.2005) entire document (especially para [0019],[008]-[0084],[0092])	1-8, 10-12, 17-24, 26-28, 33-40, 42-44, 49-56, and 58-60
A	US 2005/0002354 A1 (KELLY et al.) 06 January 2005 (06.01.2005)	1-64
A	US 2003/0016679 A1 (ADAMS et al.) 23 January 2003 (23.01.2003)	1-64
A	US 5,719,942 A (ALDRED et al.) 17 February 1998 (17.02.1998)	1-64
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774