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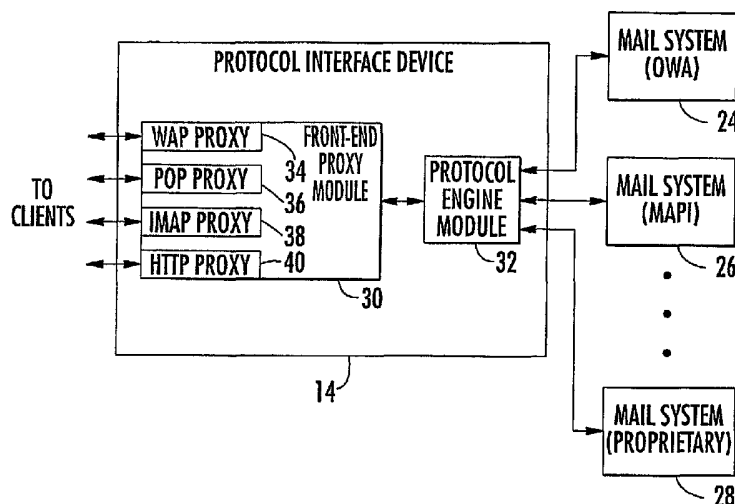
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[Continued on next page]

(54) Title: COMMUNICATIONS SYSTEM INCLUDING PROTOCOL INTERFACE DEVICE FOR USE WITH MULTIPLE OPERATING PROTOCOLS AND RELATED METHODS



(57) Abstract: A communications system may include a plurality of data storage devices each using at least one of a plurality of operating protocols (Fig. 2). The system may also include a plurality of mobile wireless communications devices (14) for accessing the data storage devices, and each may use at least one of the plurality of operating protocols (24, 26, 28). Furthermore, the system may also include a protocol interface device (14) including a front-end proxy module (30) for communicating with the plurality of mobile wireless communications devices using respective operating protocols, and a protocol engine module (32) for communicating with the plurality of data storage devices (24, 26, 28) using respective operating protocols. More particularly, the front-end proxy module (30) and the protocol engine module (32) may communicate using a common interface protocol able to represent a desired number of protocol-supported elements for a desired operating protocol.



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A. CLASSIFICATION OF SUBJECT MATTER												
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B. FIELDS SEARCHED												
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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 practicable, search terms used)												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
A,P	US 2003/0191799 A1 (ARAUJO ET AL.) 09 October 2003 (09.10.2003), The whole document	1-22										
A,P	US 6,615,212 B1 (DUTTA ET AL.) 02 September 2003 (02.09.2003), The whole document	1-22										
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