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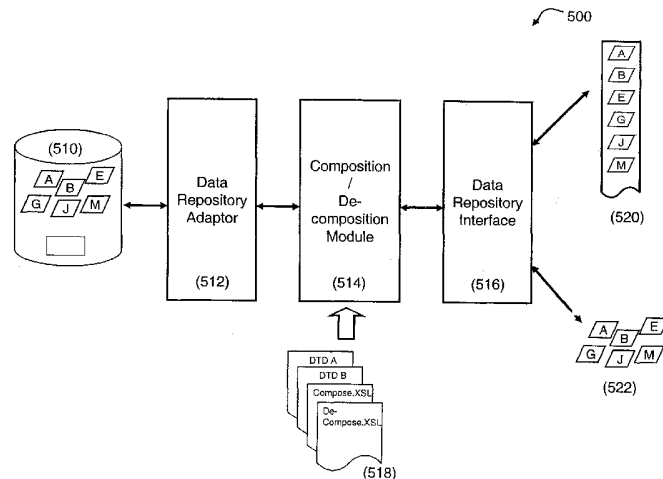
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR COMPOSITION AND DECOMPOSITION OF INFORMATION OBJECTS



(57) Abstract: The present invention provides a system and method for composing and decomposing information objects. A system for composing and decomposing information objects includes a data repository adapter, a composition module that is linked to the data repository adapter, and a data repository interface that is linked to the composition module. A method includes receiving a document request which includes an identifier and document type, checking a content logic specification for a corresponding document object template, retrieving an information object using the identifier, adding the information object to the document object, checking the content logic specification for a related object, recursively retrieving and adding the related object to the document object, and sending the document object to the user. The data repository adapter makes it possible to replace the underlying data without any modification to the other components of the system.

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A. CLASSIFICATION OF SUBJECT MATTER

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 US CL : 709/245

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)
 U.S. : 709/245,246

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.
X	US 6,026,433 (D'ARLACH et al) 15 Feb. 2000(15.2.2000), Figs.1-15, col.2, lines 30-50, col.3 line 35-col.4, line 50	1-23
X,E	US 2004/0215719 (Altshuler) 28 Oct. 2004 (28.10.2004) Abstract, paragraph 001, 0022,0030	1-23
X,E	US 6,788,980 (Johnson) 7 Sept.2004 (7.9.2004), Abstract, Figs.1-6, col.3, line 35-col.4, line 50	1-23

Further documents are listed in the continuation of Box C. See patent family annex.

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