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[54] **OBJECT MODEL MAPPING AND RUNTIME ENGINE FOR EMPLOYING RELATIONAL DATABASE WITH OBJECT ORIENTED SOFTWARE**

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[51] **Int. Cl.**[7] **G06F 17/30**

[52] **U.S. Cl.** **707/103**; 707/104

[58] **Field of Search** 707/100–104; 709/302

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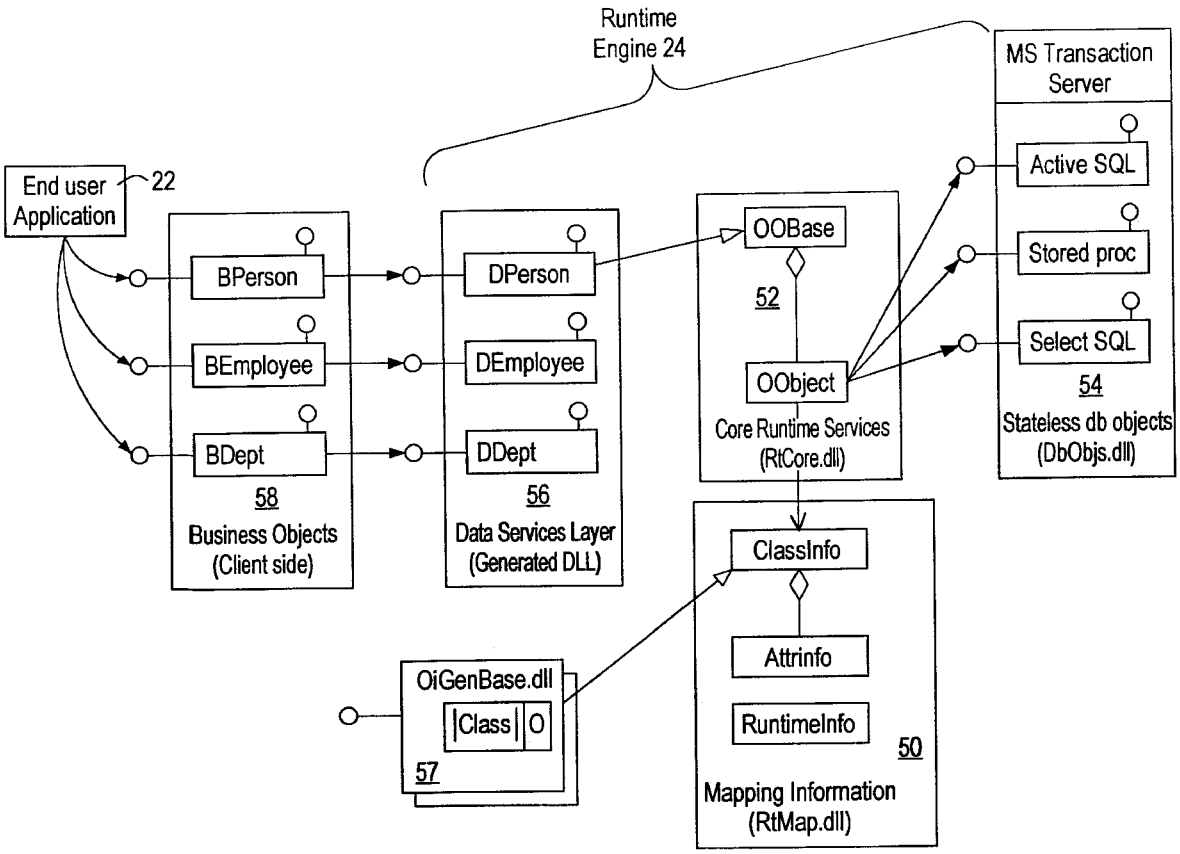
[57] **ABSTRACT**

A mapping between an object model and a relational database is generated to facilitate access to the relational database. The object model can be created from database schema or database schema can be created from the object model. Further, the mapping can be automatically generated. The Database schema, object model and mapping are employed to provide interface objects that are utilized by a runtime engine to facilitate access to the relational database by object oriented software applications.

18 Claims, 6 Drawing Sheets