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(54) Title: TRANSFORMING OPERATIONS OF A COMPUTER PROGRAM FOR EXECUTION AT A DATABASE

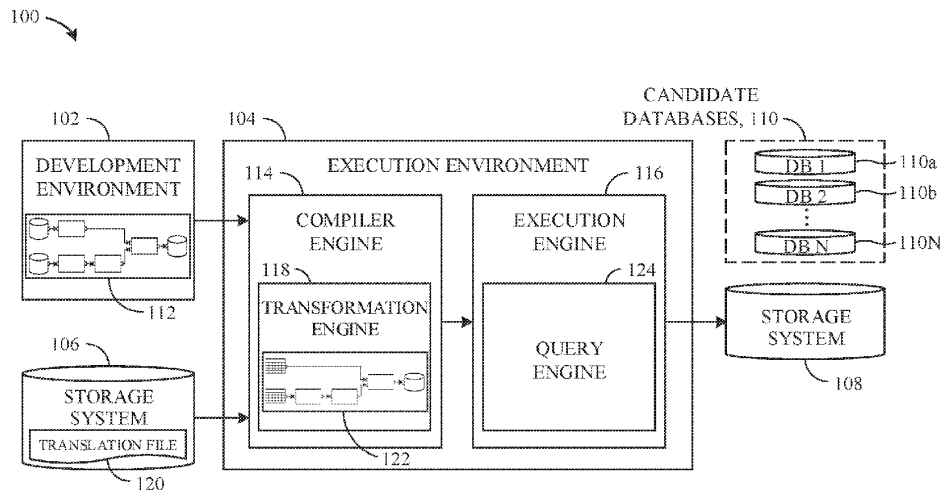


FIG. 1

(57) Abstract: A method includes executing a program that specifies operations and accessing a translation file that includes instructions for translating the language of the program into a language of a database. The translation file specifies operations in the language of the program that are supported by the database and the semantic meaning of the supported operations in the language of the database. Operations of the program that are unsupported by the database are processed by the program. Operations of the program that are supported by the database are determined from the translation file, and a portion of the program representing the supported operations is translated, using the translation file, into the language of the database and transmitted to the database. Data resulting from execution, within the database, of the translated portion of the program representing the operations that are supported by the database is received by the program.

[Continued on next page]

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