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(54) **DOCUMENT SEMANTIC ANALYSIS/SELECTION WITH KNOWLEDGE CREATIVITY CAPABILITY**

(52) **U.S. Cl.** **704/9; 704/1; 707/3**

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(57) **ABSTRACT**

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A computer based software system and method for semantically processing a user entered natural language request to identify and store linguistic subject-action-object (SAO) structures, using such structures as key words/phrases to search local and web-based databases for downloading candidate natural language documents, semantically processing candidate document texts into candidate document SAO structures, and selecting and storing only relevant documents whose SAO structures include a match with a stored request SAO structure. Further features include analyzing relationships among relevant document SAO structures and creating new SAO structures based on such relationships that may yield new knowledge concepts and ideas for display to the user and generating and displaying natural language summaries based on the relevant document SAO structures.

(21) **Appl. No.: 09/745,261**

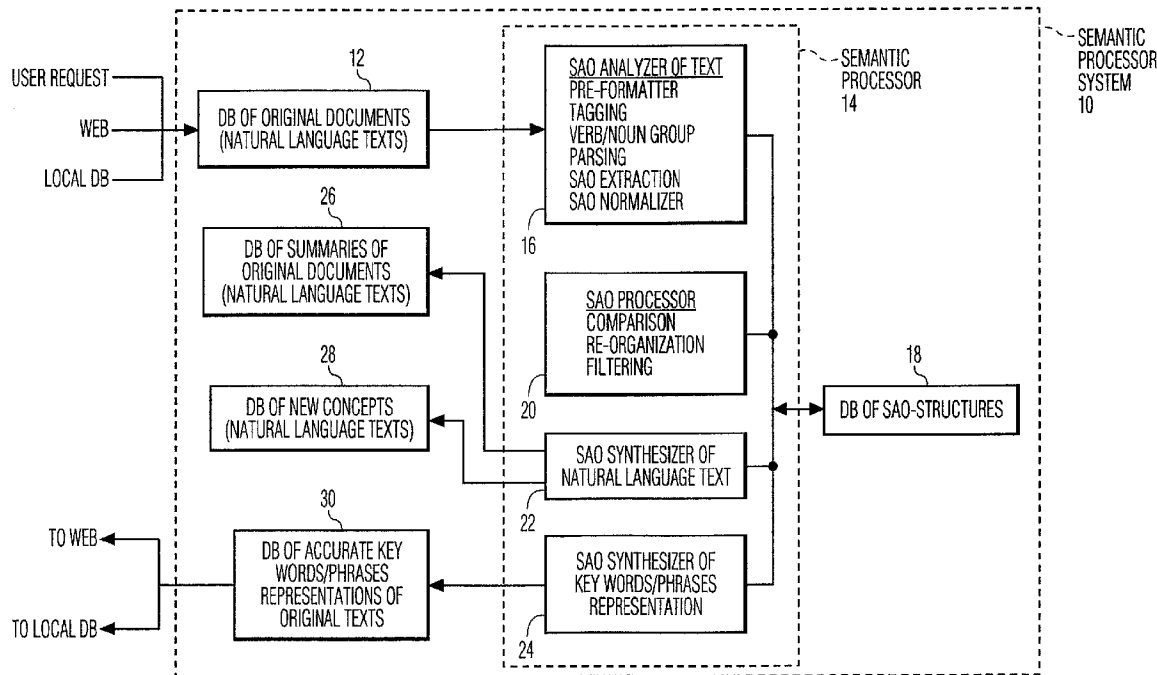
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Related U.S. Application Data

(63) Continuation of application No. 09/321,804, filed on May 27, 1999, now Pat. No. 6,167,370, which is a non-provisional of provisional application No. 60/099,641, filed on Sep. 9, 1998.

Publication Classification

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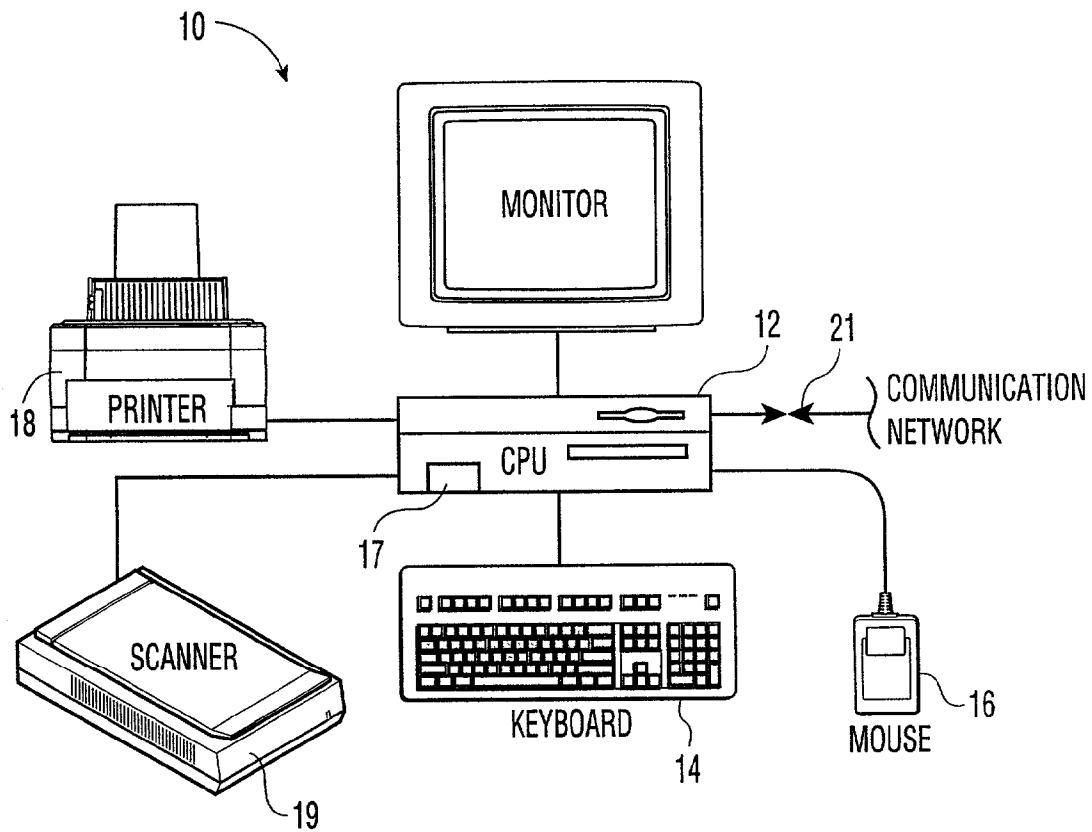


FIG. 1

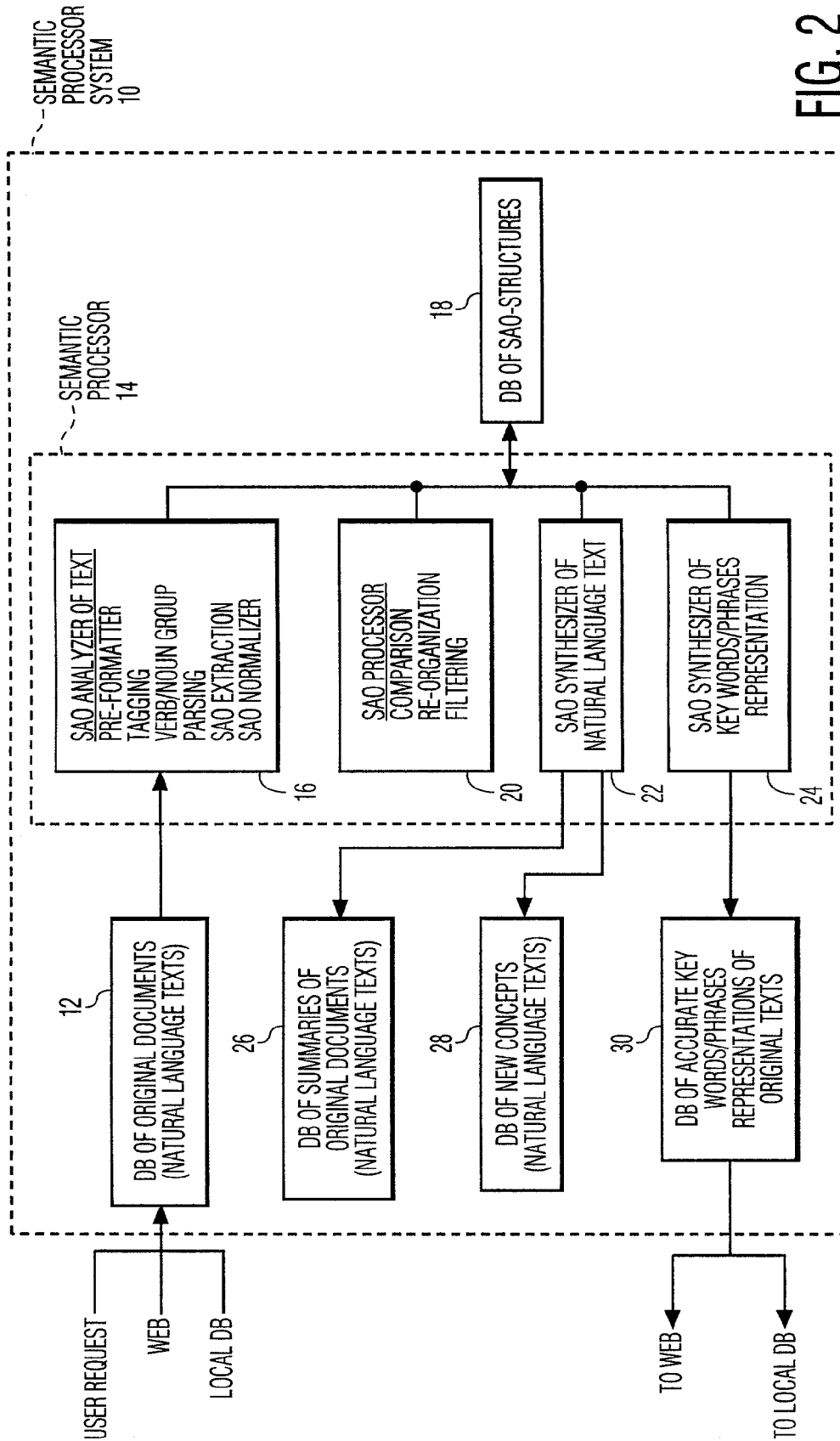


FIG. 2

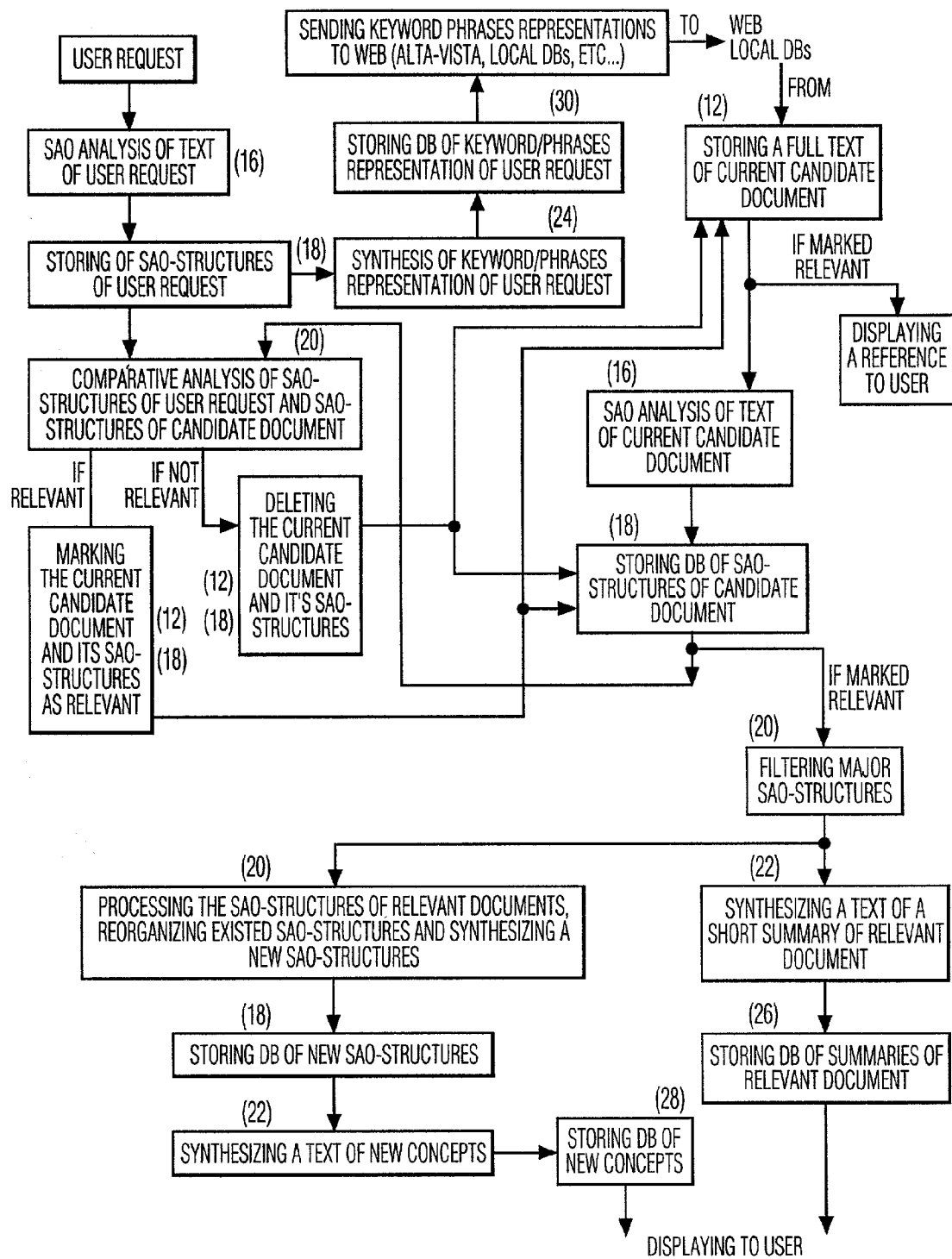


FIG. 3

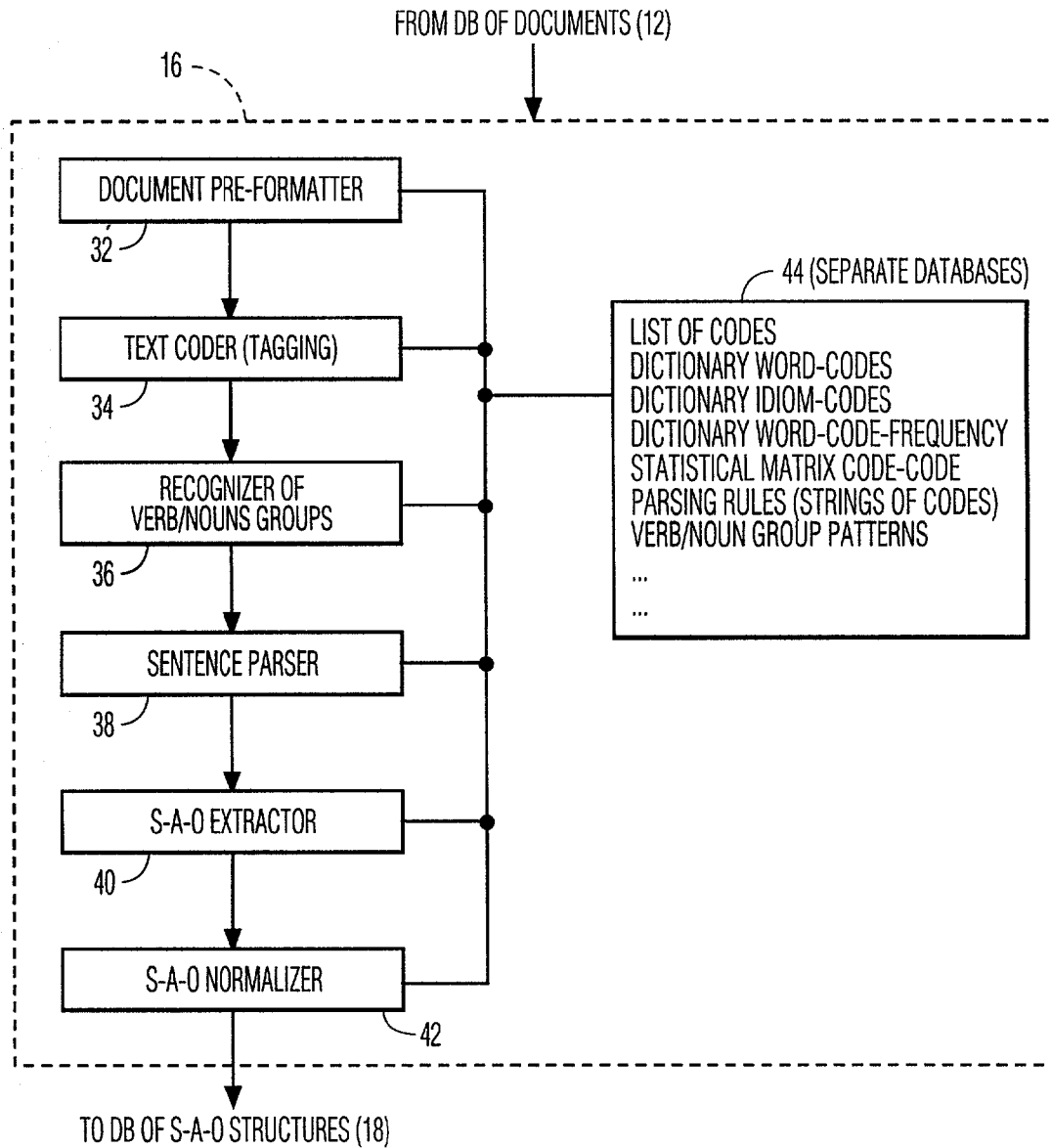


FIG. 4

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