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Blackwell et al.

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(54) **METHOD AND APPARATUS FOR CORRELATION OF EVENTS IN A DISTRIBUTED MULTI-SYSTEM COMPUTING ENVIRONMENT**

OTHER PUBLICATIONS

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(51) **Int. Cl.**
G06F 9/00 (2006.01)

(52) **U.S. Cl.** **719/327**

(58) **Field of Classification Search** **703/328;**
719/328

See application file for complete search history.

(57) **ABSTRACT**

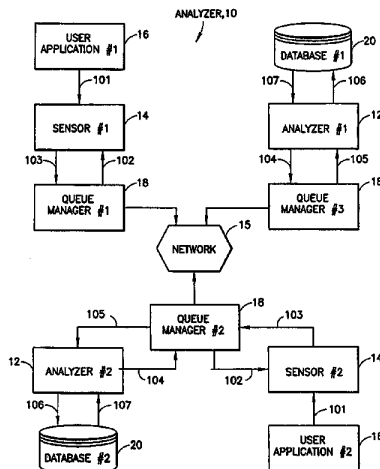
A method and system is disclosed for monitoring an operation of a distributed data processing system. The system can include a plurality of applications running on a plurality of host processors and communicating with one another, such as through a message passing technique. The method includes steps executed in individual ones of the plurality of applications, of (a) examining individual ones of generated API calls to determine if a particular API call meets predetermined API call criteria; (b) if a particular API call meets the predetermined API call criteria, storing all or a portion of the content of the API call as a stored event; (c) processing a plurality of the stored events to identify logically correlated events, such as those associated with a business transaction; and (d) displaying all or a portion of the stored API call content data for the logically correlated events.

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36 Claims, 18 Drawing Sheets



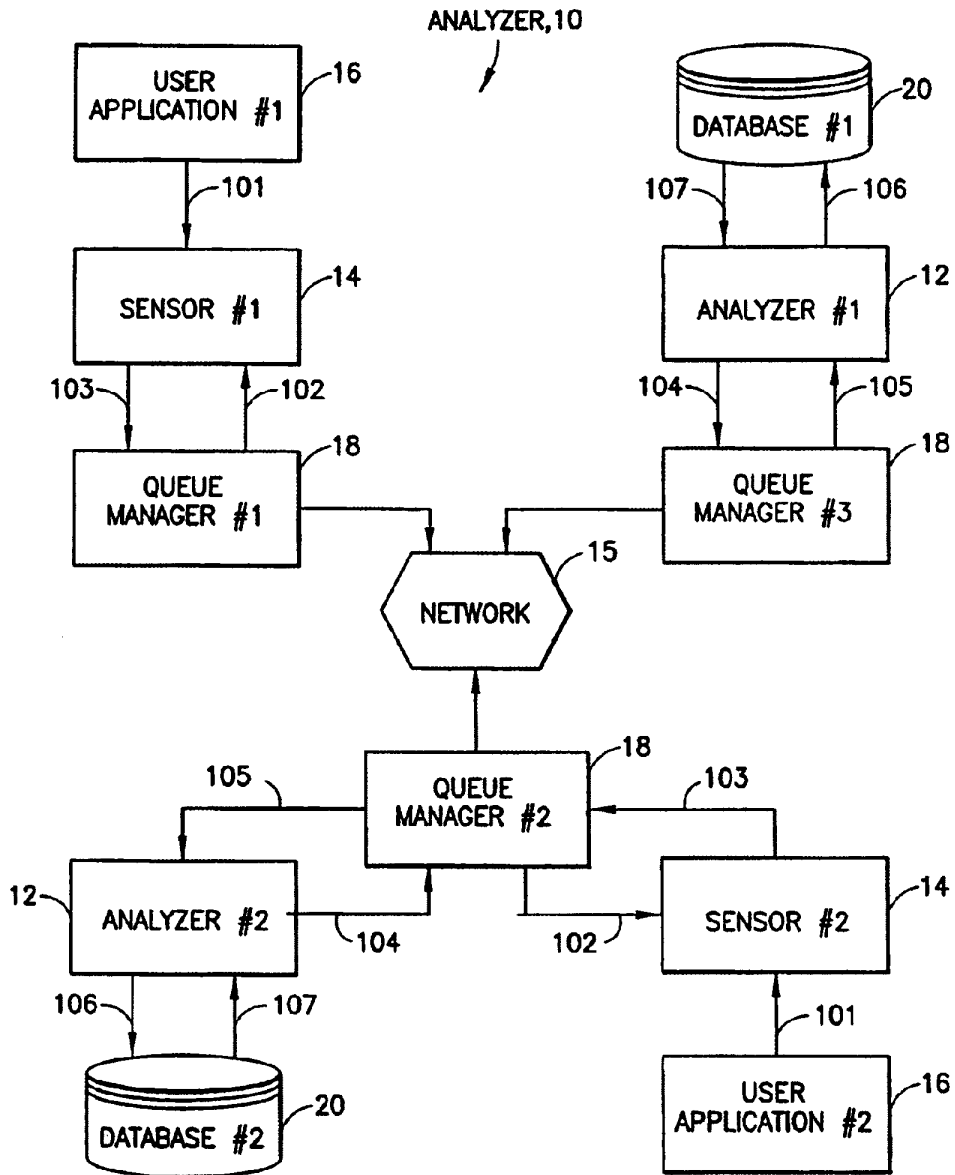


FIG. 1

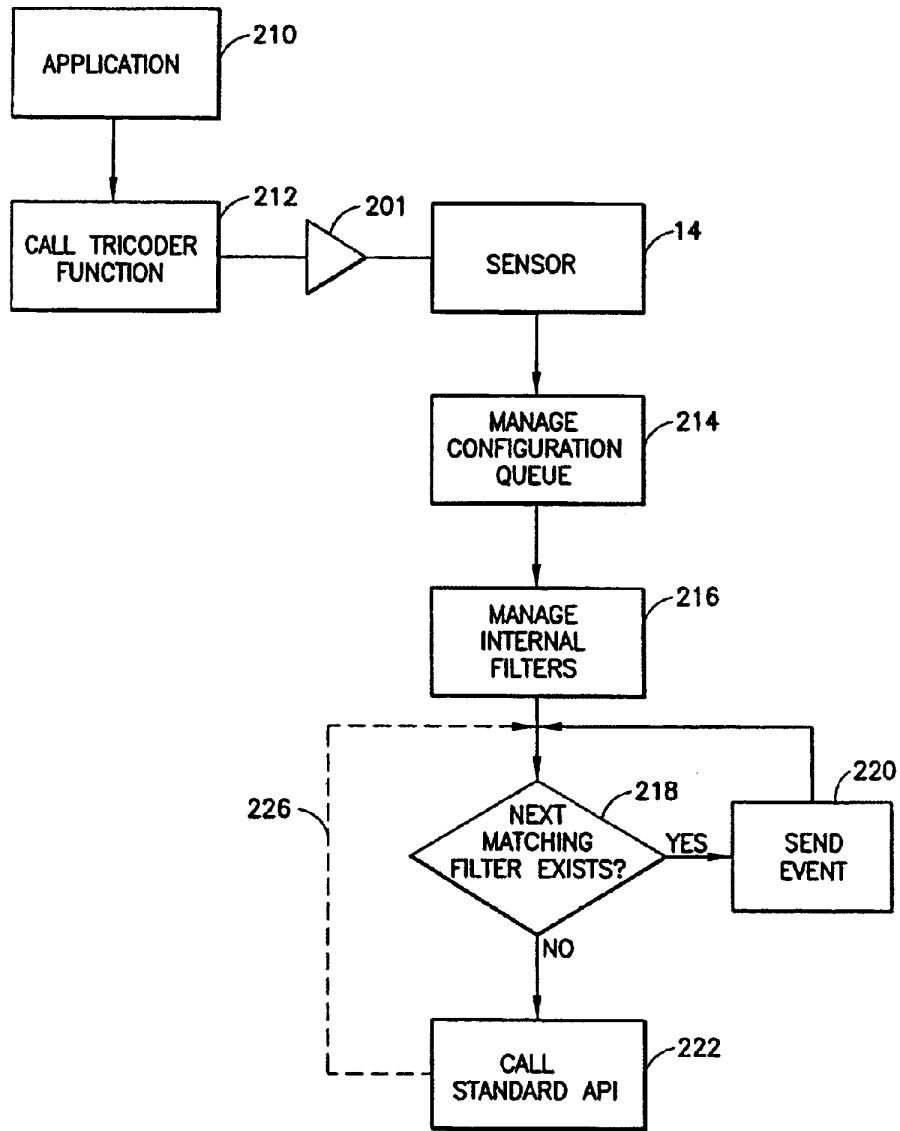


FIG.2

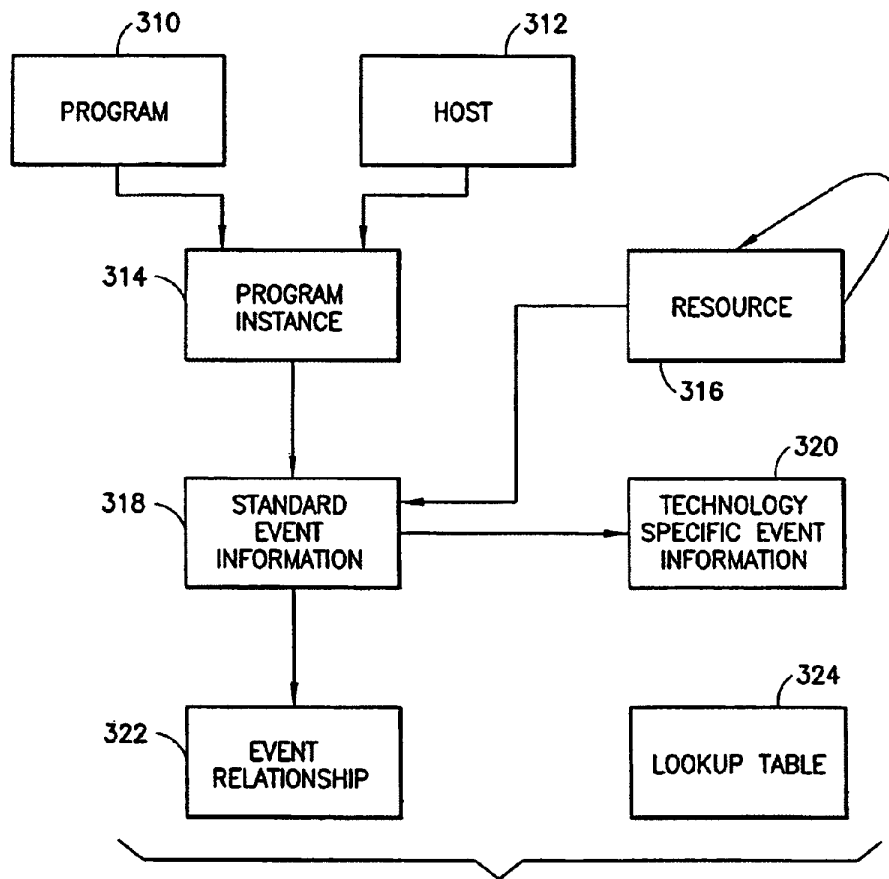


FIG.3

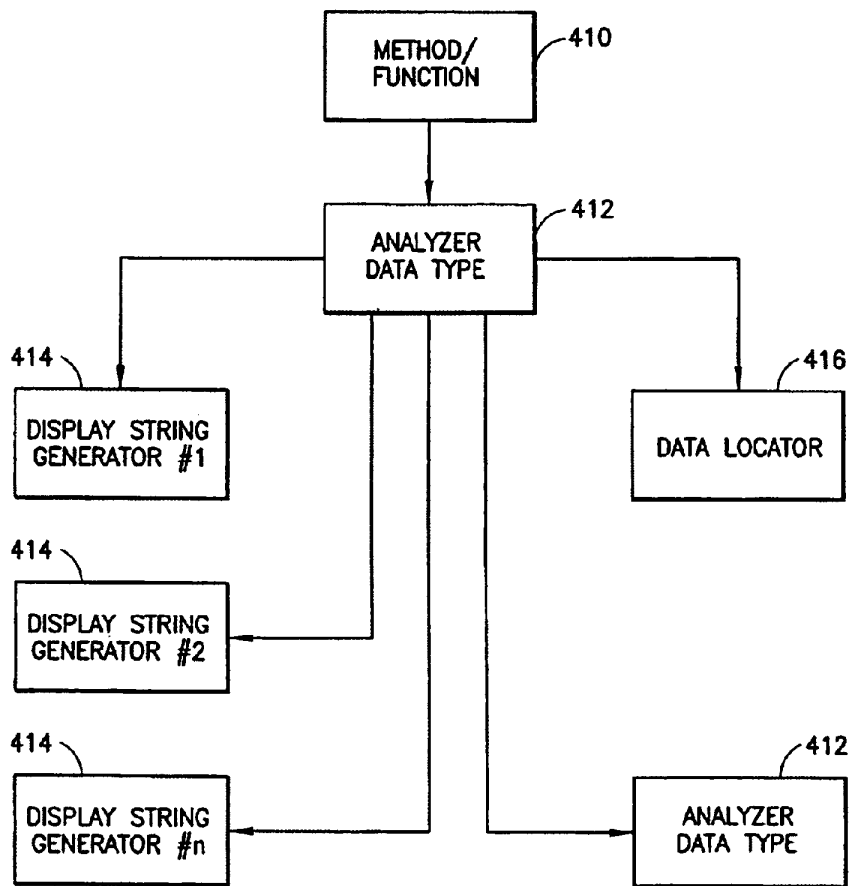


FIG. 4

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