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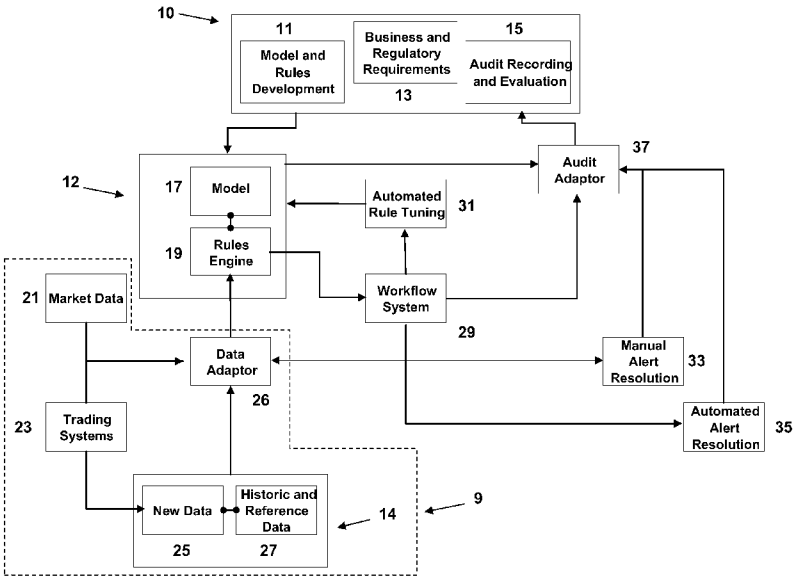
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(54) **Title**: RULE BASED PROCESSING SYSTEM AND METHOD FOR IDENTIFYING EVENTS

Fig. 1



(57) **Abstract**: The present invention generally relates to a computerized system and method for creating, optimizing, and using a rules processing system that evaluates multiple rules against facts and events and detects, identifies, reacts to, and reports on events of interest. Events of interest may pertain to any subject matter, and in an embodiment, relate to securities (e.g., stocks, bonds, etc.) transactions. The system and method of the present invention also identifies patterns in large data sets using dynamically changing rules, and as a result, makes the processing and use of rules more efficient.

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