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(54) Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR DYNAMIC PEER GROUP ANALYSIS OF SYSTEMATIC CHANGES IN LARGE SCALE DATA

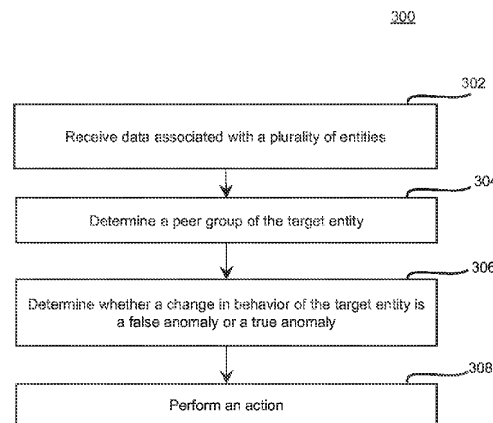


FIG. 3

(57) Abstract: Provided are systems, methods, and computer program products for dynamic peer group analysis for systematic changes in large scale data. Data associated with a plurality of entities is received and a relational graph is generated based on the data. A target entity is selected and a peer group for the target entity is determined based on the relational graph. An average and a standard deviation of the risk scores of the peer group are calculated and used to determine whether a systematic change in the behavior of the peer group has occurred. Whether a change in behavior of the target entity is a false anomaly or a true anomaly is determined based on whether a systematic change in the behavior of the peer group has occurred. An action is performed based on whether the change in behavior of the target entity is a false anomaly or a true anomaly.

[Continued on next page]

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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