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(54) Title: EVENT INTERVAL APPROXIMATION

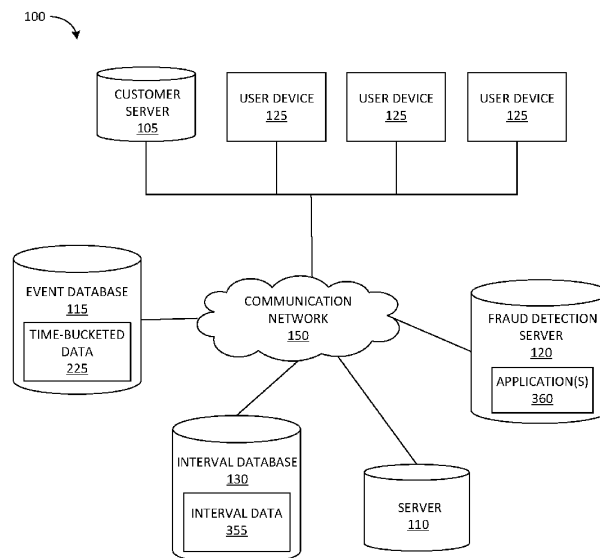


FIG. 1

(57) **Abstract:** Methods and systems for approximating event intervals. One system includes an electronic processor configured to receive time-bucketed data. The time bucketed data includes an event count for a bucket. The electronic processor is also configured to determine a set of event intervals for the bucket based on the time-bucketed data, wherein each event interval included in the set of event intervals evenly distributes one or more events associated with the event count across a bucket time window of the bucket. The electronic processor is also configured to store the set of event intervals as interval data in an interval database.

[Continued on next page]

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