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(71) Applicant: **PAYPAL, INC.** [US/US]; 2211 North First Street, San Jose, California 95131 (US).

(72) Inventors: **VARGHESE, Prasanth Mathew**; 2211 North First Street, San Jose, California 95131 (US). **PASU-**

MARTHY, Sindhu; 2211 North First Street, San Jose, California 95131 (US).

(74) Agent: **CHEN, Tom**; 2323 Victory Ave Suite 700, Dallas, Texas 75219 (US).

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(54) Title: ADJUSTING WEIGHTS OF WEIGHTED CONSENSUS ALGORITHMS FOR BLOCKCHAINS

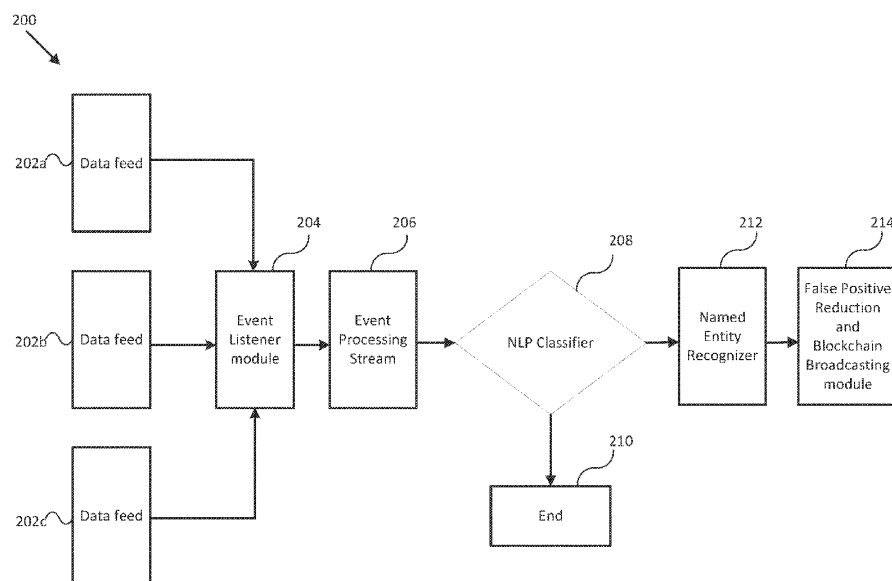


Fig. 2A

(57) Abstract: Systems and methods are described for adjusting decision reliability scores (e.g., weights) in weighted consensus algorithms for blockchains include accessing broadcast events in a blockchain, where the broadcast events correspond to a historic period of time. A broadcast decision provided by a participant in the blockchain for each of the broadcast events may be identified. A consensus decision for each of the broadcast events may be identified where the consensus decision indicates whether there is a consensus among participants in the blockchain that a corresponding broadcast event should be added as a new node to the blockchain. A success rate may be calculated for the participant based the identified broadcast decision provided by the participant for each of the broadcast events and the identified consensus decision for each of the broadcast events. Based on the success rate, the decision reliability score for the participant may be increased, decreased, or maintained.

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