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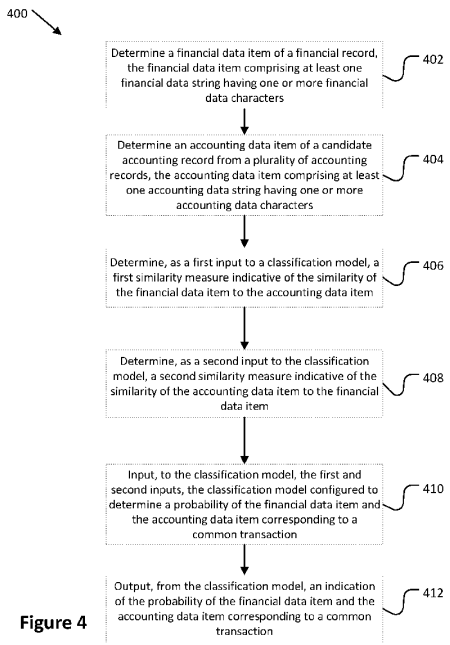


Figure 4

(57) **Abstract:** Described embodiments relate to a method comprising determining a financial data item of a financial record to be reconciled, determining a candidate accounting record of a plurality of accounting records, and determining an accounting data item of the candidate accounting record, determining, as a first input to a classification model, a first similarity measure indicative of the similarity of the financial data item to the accounting data item, determining, as a second input to the classification model, a second similarity measure indicative of the similarity of the accounting data item to the financial data item, inputting, to the classification model, the first and second inputs, the classification model configured to determine a probability of the financial data item and the accounting data item corresponding to a common transaction, and outputting an indication of the probability of the financial data item and the accounting data item corresponding to a common transaction.

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