

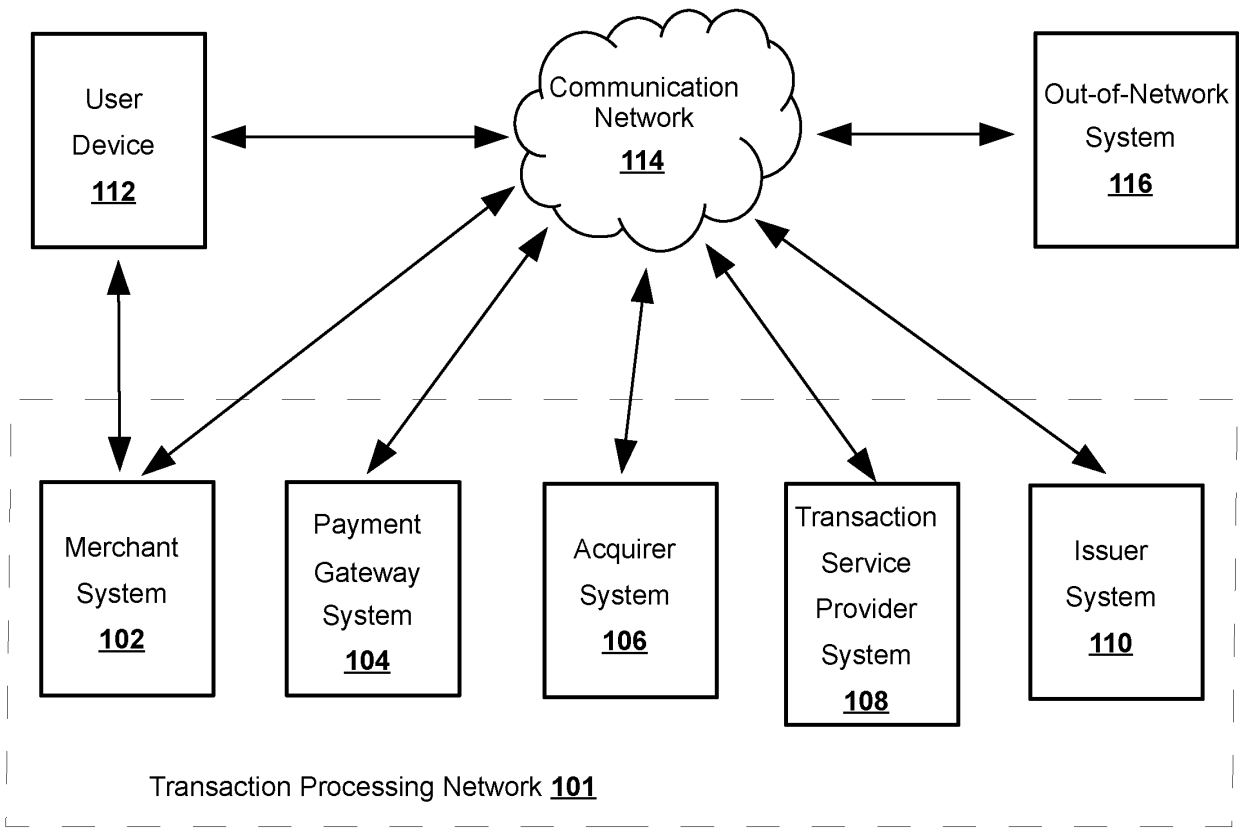


FIG. 1

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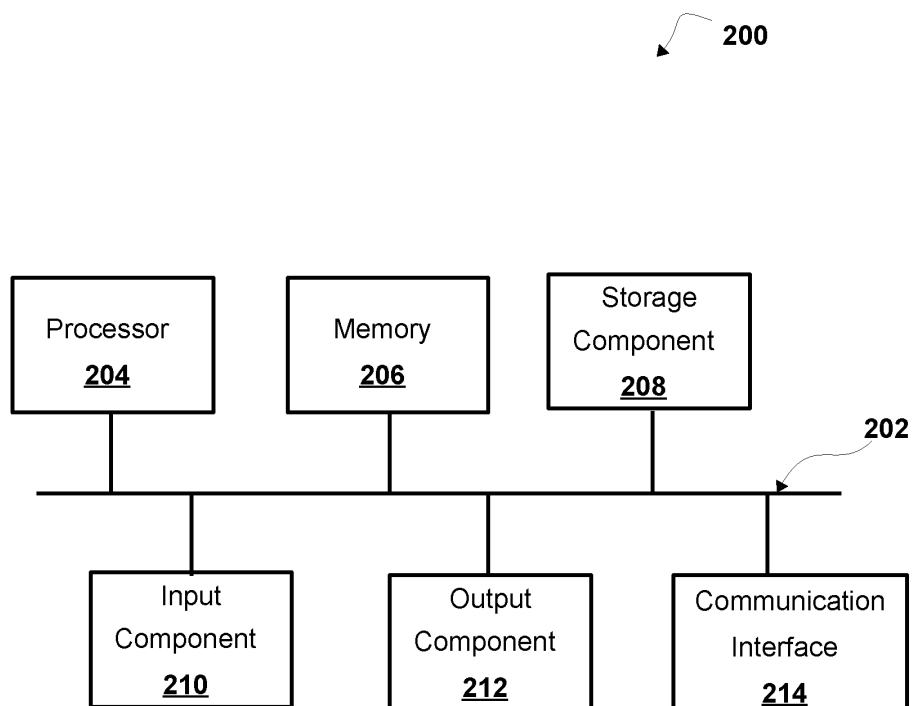


FIG. 2

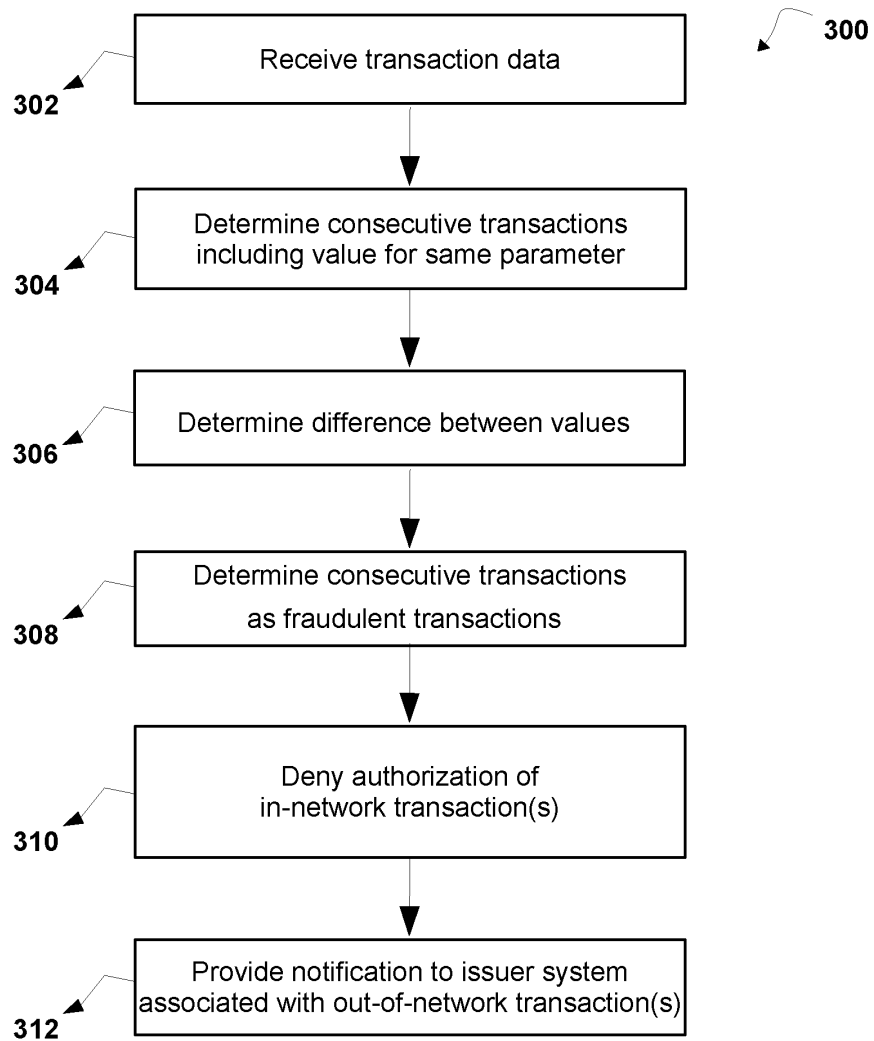


FIG. 3

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400

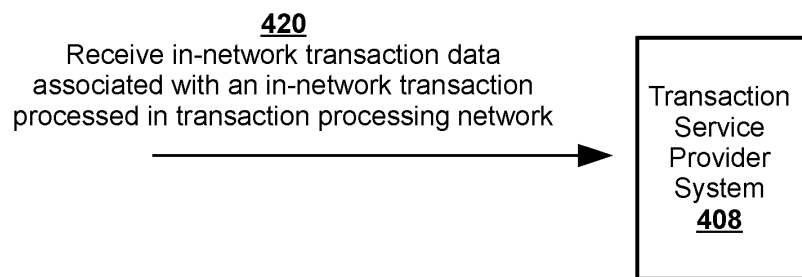


FIG. 4A

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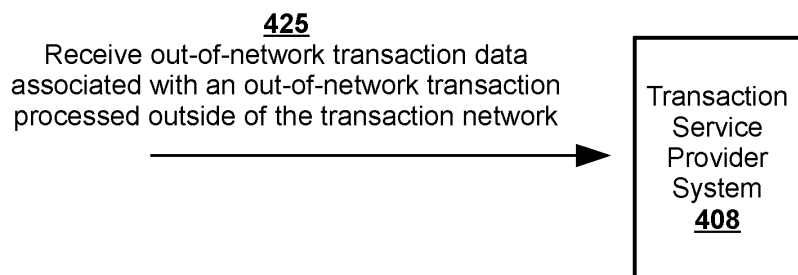
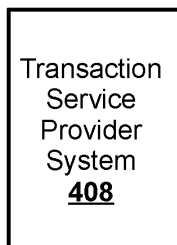
 400

FIG. 4B

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 **400****430**

Determine, based on the in-network transaction data and the out-of-network transaction data, that each of the in-network transaction and the out-of-network transaction associated with the same account identifier include a value for a same at least one transaction parameter

FIG. 4C

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400

Transaction
Service
Provider
System
408



435

Determine a difference between the values

FIG. 4D

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400

Transaction
Service
Provider
System
408



440

Determine, based on the difference, whether the in-network transaction and the out-of-network transaction are fraudulent transactions

FIG. 4E

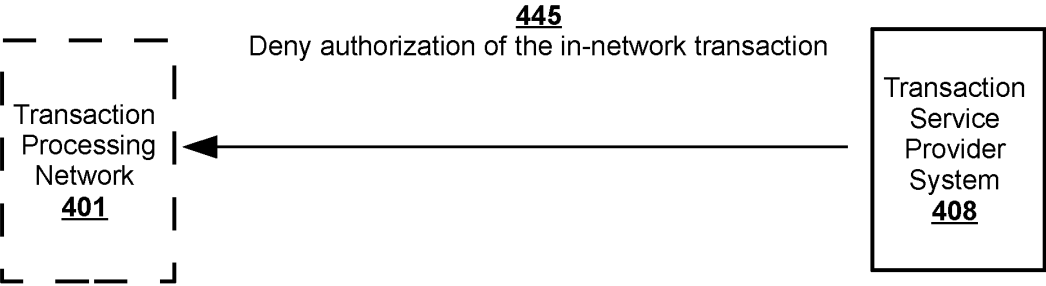


FIG. 4F

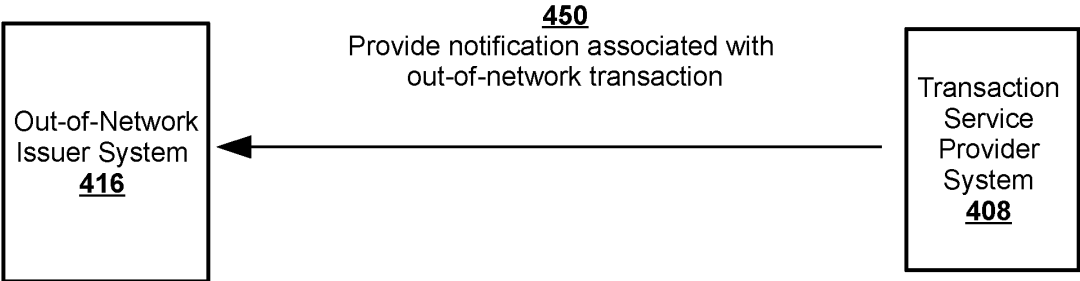


FIG. 4G