Abstract

A payment transaction system for processing a tokenized transaction, the payment transaction system comprising a payment network server having one or more processors in communication with a non-transitory data storage medium having instructions stored thereon that, when executed by the one or more processors, configure the one or more processors to perform the steps of receiving a transaction authorization request from a domestic switch, the transaction authorization request including a token and transaction information, the token being received by the domestic switch from a merchant, wherein the token is associated with payment account credentials of a payment account for use in the tokenized transaction; performing de-tokenization on the token to identify the payment account credentials; and sending the payment account credentials to the domestic switch to facilitate authorization of the transaction by an issuer of the payment account.

[FIG. 1]