

CLAIMS

What is claimed is:

1. A method, comprising:

receiving, by a payment network, a money transfer request comprising data identifying
5 a receiver, a money transfer amount, and a sender transaction account;

deducting, by the payment network, the money transfer amount from the sender
transaction account;

transmitting, by the payment network to a receiver device associated with the receiver,
an authentication challenge;

10 receiving, by the payment network from the receiver device associated with the
receiver, an authentication response;

validating, by the payment network, the authentication response by comparing the
authentication response to the authentication challenge;

15 in response to validating the authentication response, generating, by the payment
network, a receiver transaction account associated with the receiver, wherein the receiver
transaction account comprises data identifying the money transfer amount;

20 providing, by the payment network to the receiver device associated with the receiver,
access to the receiver transaction account by transmitting digital data of the receiver transaction
account to a digital wallet installed in the receiver device, for the digital data of the receiver
transaction account to be stored as a temporary card in a digital form in the digital wallet of the
receiver device; and

sending, by the payment network, a notification to a sender device associated with the
sender transaction account that the receiver transaction account has been used.

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2. The method of claim 1, further comprising authorizing, by the payment network, the money
transfer request by validating that the sender transaction account is capable of transferring the
money transfer amount.

30 3. The method of claim 1, further comprising transmitting, by the payment network to the
receiver device associated with the receiver, a receiver data request, wherein the receiver data
request comprises data prompting the receiver to input at least one of a receiver name, a
receiver email address, a receiver phone number, a receiver social security number (SSN), or a
driver's license number.

4. The method of claim 3, further comprising:

receiving, by the payment network from the receiver device associated with the receiver, a receiver data response based on the receiver data request; and

5 authenticating, by the payment network, the receiver data response by validating the receiver data response using at least one of an internal data source or an external data source.

5. The method of claim 1, wherein the money transfer request comprises at least one of a transfer channel, a personalized message, or a transfer date.

10 6. The method of claim 5, wherein access to the receiver transaction account is provided to the receiver device associated with the receiver via the transfer channel.

7. A system comprising:

15 a processor,
a tangible, non-transitory memory configured to communicate with the processor, the tangible, non-transitory memory having instructions stored thereon that, in response to execution by the processor, cause the processor to perform operations comprising:

20 receiving, by the processor, a money transfer request comprising data identifying a receiver, a money transfer amount, and a sender transaction account;

deducting, by the processor, the money transfer amount from the sender transaction account;

transmitting, by the processor to a receiver device associated with the receiver, an authentication challenge;

25 receiving, by the processor from the receiver device associated with the receiver, an authentication response;

validating, by the processor, the authentication response by comparing the authentication response to the authentication challenge;

30 in response to validating the authentication response, generating, by the processor, a receiver transaction account associated with the receiver, wherein the receiver transaction account comprises data identifying the money transfer amount;

providing, by the processor to the receiver device associated with the receiver, access to the receiver transaction account by transmitting digital data of the receiver transaction account to a digital wallet installed in the receiver device, for the digital data of the receiver

transaction account to be stored as a temporary card in a digital form in the digital wallet of the receiver device; and,

sending, by the processor, a notification to a sender device associated with the sender transaction account that the receiver transaction account has been used.

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8. The system of claim 7, further comprising authorizing, by the processor, the money transfer request by validating that the sender transaction account is capable of transferring the money transfer amount.

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9. The system of claim 7, further comprising transmitting, by the processor to the receiver device associated with the receiver, a receiver data request, wherein the receiver data request comprises data prompting the receiver to input at least one of a receiver name, a receiver email address, a receiver phone number, a receiver social security number (SSN), or a driver's license number.

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10. The system of claim 9, further comprising:

receiving, by the processor from the receiver device associated with the receiver, a receiver data response based on the receiver data request; and

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authenticating, by the processor, the receiver data response by validating the receiver data response using at least one of an internal data source or an external data source.

11. The system of claim 7, wherein the money transfer request comprises at least one of a transfer channel, a personalized message, or a transfer date.

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12. The system of claim 11, wherein access to the receiver transaction account is provided to the receiver device associated with the receiver via the transfer channel.

13. An article of manufacture including a non-transitory, tangible computer readable storage medium having instructions stored thereon that, in response to execution by a computer based system, cause the computer based system to perform operations comprising:

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receiving, by the computer based system, a money transfer request comprising data identifying a receiver, a money transfer amount, and a sender transaction account;

deducting, by the computer based system, the money transfer amount from the sender transaction account;

transmitting, by the computer based system to a receiver device associated with the receiver, an authentication challenge;

5 receiving, by the computer based system from the receiver device associated with the receiver, an authentication response;

validating, by the computer based system, the authentication response by comparing the authentication response to the authentication challenge;

10 in response to validating the authentication response, generating, by the computer based system, a receiver transaction account associated with the receiver, wherein the receiver transaction account comprises data identifying the money transfer amount;

providing, by the computer based system to the receiver device associated with the receiver, access to the receiver transaction account by transmitting digital data of the receiver transaction account to a digital wallet installed in the receiver device, for the digital data of the receiver transaction account to be stored as a temporary card in a digital form in the digital wallet of the receiver device; and

sending, by the computer based system, a notification to a sender device associated with the sender transaction account that the receiver transaction account has been used.

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14. The article of manufacture of claim 13, further comprising authorizing, by the computer based system, the money transfer request by validating that the sender transaction account is capable of transferring the money transfer amount.

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15. The article of manufacture of claim 14, further comprising transmitting, by the computer based system to the receiver device associated with the receiver, a receiver data request, wherein the receiver data request comprises data prompting the receiver to input at least one of a receiver name, a receiver email address, a receiver phone number, a receiver social security number (SSN), or a driver's license number.

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16. The article of manufacture of claim 15, further comprising:

receiving, by the computer based system from the receiver device associated with the receiver, a receiver data response based on the receiver data request; and

authenticating, by the computer based system, the receiver data response by validating the receiver data response using at least one of an internal data source or an external data source.

17. The article of manufacture of claim 13, wherein the money transfer request comprises at least one of a transfer channel, a personalized message, or a transfer date, and wherein access to the receiver transaction account is provided to the receiver device associated with the receiver via the transfer channel.