

Claims

1. A method comprising:

receiving, from a site, based on input from a user indicated a desire to make a purchase, at a browser and via a first application programming interface that defines a first protocol for communicating data between the browser and the site, a payment request associated with the purchase;

receiving, from the user and via the first application programming interface, a choice of a payment method supported by the site, wherein the payment method utilized at least in part a cryptocurrency and wherein a payment transaction is managed at least in part by a payment service; and

in response to the payment request and the choice of the payment method, communicating, from the browser and via a second application programming interface that defines a second protocol for communicating data between the browser and the payment service, a payment request event to the payment service, the payment request event comprising data for use by the payment service to handle a payment utilizing at least in part the cryptocurrency.

2. The method of claim 1, wherein the payment request comprises information about the purchase and a set of choices of payment methods supported by the site.

3. The method of claim 1, wherein a payment process managed by the payment service makes the payment in the cryptocurrency.

4. The method of claim 1, wherein a payment process managed by the payment service makes the payment by performing at least one of (1) converting from a first currency into the cryptocurrency and (2) converting from the cryptocurrency into a second currency.

5. The method of claim 1, wherein a payment process managed by the payment service makes the payment by converting from a first currency provided by a buyer into the cryptocurrency and converting from the cryptocurrency into a second currency accepted by a seller.

6. The method of claim 5, wherein the first currency comprises one of a first fiat currency and a first cryptocurrency and wherein the second currency comprises one of a second fiat currency and a second cryptocurrency.

7. A method comprising:

receiving a payment request event at a payment service, wherein receiving the payment request event at the payment service is based on:

a browser receiving, via a first application programming interface that defines a first protocol for communicating data between the browser and a site, a payment request from the site for payment data associated with a purchase of a product, wherein the payment request is based on input from a user indicating a desire to purchase a product and comprises information about the purchase; and

receiving, from the user and via the first application programming interface, a choice of the payment service, wherein the payment request event is received from the browser and via a second application programming interface that defines a second protocol for communicating data between the browser and the payment service; and processing, at the payment service, the payment request event to initiate a payment process comprising at least in part use of a cryptocurrency.

8. The method of claim 7, further comprising:

transmitting, to the browser, from the payment service and via the second application programming interface, authorized payment information, wherein the browser communicates, to the site, the authorized payment information via the first application programming interface.

9. The method of claim 7, wherein the payment request comprises information about the purchase and a set of choices of payment methods supported by the site.

10. The method of claim 7, wherein the payment process managed by the payment service makes a payment in the cryptocurrency.

11. The method of claim 7, wherein the payment process managed by the payment service makes a payment by performing at least one of (1) converting from a first currency into the cryptocurrency and (2) converting from the cryptocurrency into a second currency.

12. The method of claim 7, wherein the payment process managed by the payment service makes a payment by converting from a first currency provided by a buyer into the cryptocurrency and converting from the cryptocurrency into a second currency accepted by a seller.

13. The method of claim 12, wherein the first currency comprises one of a first fiat currency and a first cryptocurrency and wherein the second currency comprises one of a second fiat currency and a second cryptocurrency.

14. A method comprising:

transmitting, from a site, based on input from a user indicated a desire to make a purchase, at a browser and via a first application programming interface that defines a first protocol for communicating data between the browser and the site, a payment request associated with the purchase;

transmitting, via the first application programming interface, a choice of a payment method supported by the site, wherein the payment method utilizes at least in part a cryptocurrency and wherein a payment transaction is managed at least in part by a payment service, wherein, in response to the payment request and the choice of the payment method, a second application programming interface that defines a second protocol for communicating data between the browser and the payment service communicates a payment request event to the payment service, the payment request event comprising data for use by the payment service to handle a payment via a payment process that utilizes at least in part the cryptocurrency; and receiving the payment via the payment process.

15. A system comprising:

a processor;

a browser; and

a computer-readable storage device storing instructions which, when executed by the processor, cause the processor to perform operations comprising:

receiving, from a site, based on input from a user indicated a desire to make a purchase, at the browser and via a first application programming interface that defines a first protocol for communicating data between the browser and the site, a payment request associated with the purchase;

receiving, from the user and via the first application programming interface, a choice of a payment method supported by the site, wherein the payment method utilized at least in part a cryptocurrency and wherein a payment transaction is managed at least in part by a payment service; and

in response to the payment request and the choice of the payment method, communicating, from the browser and via a second application programming interface that defines a second protocol for communicating data between the browser and the payment service, a payment request event to the payment service, the payment request event comprising data for use by the payment service to handle a payment utilizing at least in part the cryptocurrency.