

account **154**. In certain embodiments, foreign accounts **154** may be stored in memory **152**. According to some embodiments, foreign accounts **154** may be stored in one or more text files, tables in a relational database, or any other suitable data structure capable of storing information. Each foreign account **154** may be associated with an enterprise, financial institution, or any other entity that may have an account at a cryptocurrency exchange. In certain embodiments, foreign account **154** may include information that can be used by foreign exchange server **150** to purchase, sell, or transfer cryptocurrency or transfer currency to and from foreign exchange server **150**. For example, foreign account **154** may include information such as an account number, currency account balance (in one or more currencies), cryptocurrency account balance (in one or more cryptocurrencies), routing information, location information, or any other information suitable for a particular purpose associated with one or more accounts that an enterprise may have associated with a particular cryptocurrency exchange. An enterprise may maintain repositories of currencies and cryptocurrencies associated with a particular foreign account **154** allowing transaction module **136** to initiate the purchases and sales of cryptocurrencies in an efficient manner with minimal delay.

[0037] Foreign exchange server **150** may receive requests to purchase, sell, or transfer cryptocurrency or to transfer funds via links **116**. Foreign exchange server **150** may fulfill such requests either directly to any other component of cryptocurrency wire transfer environment **100** via links **116**, or utilize an automated clearing house to fulfill such requests, or utilize any other method to fulfill such requests as suitable for a particular purpose. Although a single foreign exchange server **150** is depicted in FIG. 1, this disclosure contemplates any number of foreign exchange servers **150** interacting with wire transfer server **130** via links **116** or any other component of cryptocurrency wire transfer environment **100**.

[0038] Transfer module **136** may also facilitate the transfer of currency from foreign exchange server **150** to foreign financial institution server **160**. For example, an enterprise may facilitate the sale of a cryptocurrency at a foreign cryptocurrency exchange. As a result of the sale, the enterprise may have an amount of foreign currency in a foreign account **154** associated with the enterprise. Transfer module **138** may be used to initiate the transfer of at least a portion of the amount of foreign currency into an account, associated with the enterprise, that may be at a foreign financial institute.

[0039] More specifically, foreign financial institution server **160** may include processor **161**, memory **162**, enterprise accounts **164**, and recipient accounts **166**. Processor **161** may generally be similar in structure and functionality as to processor **131** and memory **162** may generally be similar in structure and functionality as to memory **132**.

[0040] Foreign financial institution server **160** may store and retrieve enterprise information from enterprise accounts **164**. For example, foreign financial institution server **160** may use a unique identifier for an enterprise to retrieve a particular enterprise account **164**. In certain embodiments, enterprise accounts **164** may be stored in memory **162**. According to some embodiments, enterprise accounts **164** may be stored in one or more text files, tables in a relational database, or any other suitable data structure capable of storing information. Each enterprise account **164** may be associated with an enterprise, financial institution, or any other entity that may have an account at financial institution (e.g. a bank). In certain embodiments, enterprise account **164** may include informa-

tion that can be used by foreign financial institution server **160** to deposit, debit, or otherwise transfer an amount of currency to or from enterprise account **164**. For example, enterprise account **164** may include information such as an account number, currency account balance (in one or more currencies), routing information, location information, or any other information suitable for a particular purpose associated with one or more accounts that an enterprise may have associated with a particular foreign financial institution.

[0041] Foreign financial institution server **160** may also store and retrieve recipient information to and from recipient accounts **166**. For example, foreign financial institution server **160** may use a unique identifier for a recipient to retrieve a particular recipient account **166**. In certain embodiments, recipient accounts **166** may be stored in memory **162**. According to some embodiments, recipient accounts **166** may be stored in one or more text files, tables in a relational database, or any other suitable data structure capable of storing information. Each recipient account **166** may be associated with a recipient, or any other entity that may have an account at a financial institution (e.g. a bank) that is in a jurisdiction foreign to the jurisdiction associated with customer account **134** of customer **102**. In certain embodiments, recipient account **166** may include information that can be used by foreign financial institution server **160** to deposit, debit, or otherwise transfer an amount of currency to or from recipient account **166**. For example, recipient account **166** may include information such as an account number, currency account balance (in one or more currencies), routing information, location information, or any other information suitable for a particular purpose associated with one or more accounts that a recipient may have associated with a particular foreign financial institution. Although recipient account **166** is depicted as being a part of the same foreign financial institution server **160** as enterprise account **164**, this disclosure contemplates the transfer of currency from a particular enterprise account **164** at a particular foreign financial institution server **160** to a particular recipient account **166** at any other foreign financial institution server **160**. In such embodiments, a local automated clearing house may be requested to transfer funds from one foreign financial institution server **160** to another foreign financial institution server **160**.

[0042] The operation of cryptocurrency wire transfer environment **100** will now be discussed. Generally, customer **102** may use the services provided by cryptocurrency wire transfer environment **100** to transfer funds from a local account to an account in a foreign jurisdiction. More specifically, customer **102** may use customer device **110** to request a transfer of an amount of currency from customer account **134** associated with an institution operated by an enterprise to a recipient account **166** which may be associated with a foreign jurisdiction. As a result, an amount of currency associated with the foreign jurisdiction may be deposited into recipient account **166**. Customer device **110** may communicate this request to wire transfer server **130** over network **120** via links **116**. In response to receiving the request for a fund transfer of a certain amount, wire transfer server **130** may debit the certain amount from the particular customer account associated with customer **102**. The debited amount may be in a currency local to the jurisdiction associated with customer account **134**. After debiting customer account **134**, wire transfer server **130** may determine whether using cryptocurrency is optimal. For example, if customer **102** requests that the fund transfer be performed in less than a day, it may be optimal to use cryp-