

Sustained Off-Line Digital Payment Technology

The last hurdle before digital money becomes the money people use

The Internet is omnipresent 24/7, and is routinely used to effect payments of both legacy currency and digital currency. Alas, payment flow is the blood flow for the body of society, and it must continue even under crisis mode when, for whatever reason, the Internet jams, or is inoperable. Hitherto solutions were proposed for a slow Internet or for a short lived outage. That is not enough.

Technology developed by BitMint is addressing this last hurdle, enabling sustained off-line payment. International patent filed. The principle used, "Rock Payment," is simple: identity bearing digital money (e.g. BitMint currency) is passed from a payer "hard-wallet", authenticated by a payee hard-wallet via pre-loaded public-ledger technology. The second hard-wallet is later authenticated with the same public-ledger technology by a third wallet to which the second wallet passes a digital coin. This hard-wallet to hard-wallet payment can go on indefinitely. The wallets are battery powered, exchange money through Bluetooth, NFC, or Camera technology.

The new international patent filing is an extension of the Rock of Randomness US Patent 10,467,522.

