Abstract

A System For Digital Asset Transfer In A Digital Transaction And A Method Thereof

The present invention discloses a system for transferring digital assets in a digital transaction and a method thereof. The method comprising the steps of providing user authentication information by a user by using an input module, authenticating the user authentication information by the input module, creating a request for either a new bearer digital asset or transferring an existing bearer digital asset, wherein a new digital asset is created by the input module and signed by the hardware module if the new bearer digital asset request is created, or a non-inclusion poof is generated for the existing bearer digital asset by the input module and signed by the hardware module along with the non-inclusion proof, creating a digital asset transfer message by the hardware module, updating a database of the input module; the database configured to maintain a digital asset balance information wherein the database is updated if the new bearer digital asset is created or the existing bearer digital asset is transferred, and sending a signed digital asset transfer message by the hardware module to the input module.

Figure 1