Abstract

A Method and System for Handling An Electronic Value In An Entity and Transferring Electronic Value from one Entity to Another

The present invention discloses a method and a system for handling an electronic value in an entity. The method comprises receiving one or more inputs associated with the electronic value from an owner of the entity; computing one or more parameters based on the one or more inputs to determine an action to be performed on the electronic value; requesting at least one user defined function (UDF) based on the computed one or more parameters; receiving the requested at least one user defined function (UDF); performing the received at least one user defined function (UDF) on the computed one or more parameters to obtain at least one signed message; validating the at least one signed message; updating values of nodes of a Sparse Merkle Tree (SMT) maintained in a database; and storing the at least one signed message and the updated values of nodes of the Sparse Merkle Tree (SMT) in the database.