

## **Method and System for Transaction Validation in a Distributed Computing System**

### **ABSTRACT**

A method and system for transaction validation in a distributed computing system, the method comprising: associating first and second parameters with respective users of the distributed computing system, the first parameter being determined based on an increment for each validation performed by a respective user and a decrement for each transaction validation performed by the respective user, the second parameter being determined based on a transaction history and a validation history of the respective users; registering a plurality of the users as validating users that are authorized to validate transactions visible to the distributed computing system and that require validation; a first of the users initiating a transaction with a user computing device; associating respective validation priorities in respect of performing a validation task with members of a first set of validating users comprising at least one of the validating users other than the first of the users, the respective validation priorities being determined based on the first and second parameters associated with the members of the first set of validating users, the validation task comprising validation of the transaction; rendering the transaction visible to respective computing devices of one or more of the members of the first set of validating users; members of a second set of validating users performing the validation task, the second set of validating users comprising one or more of the first set of validating users; decrementing the first parameter associated with the first user and incrementing the first parameter associated with the members of the second set by respective second amounts upon completion of the validation task; and updating the second parameter associated with the members of the second set upon completion of the validation task.

FIG. 1