

ABSTRACT OF THE DISCLOSURE

INTERACTION ACCOUNT TOKENIZATION SYSTEM AND METHOD

A disclosed method includes a tokenization computer receiving, from a processing network computer, a tokenization request message during an interaction between a first user device and a second user device. The tokenization request message comprises first user account data and second user account data. The tokenization computer can select a tokenization option of a plurality of tokenization options in a tokenization matrix based on the first user account data and the second user account data. The tokenization computer can then determine alternate first user account data and alternate second user account data based on the tokenization option. The tokenization computer can generate a tokenization response message comprising the alternate first user account data and the alternate second user account data. The tokenization computer can then provide the tokenization response message to the processing network computer.

FIG. 3