

ABSTRACT OF THE DISCLOSURE

REPLACEABLE ITEM AUTHENTICATION

A replaceable item for a host device includes a non-volatile memory and logic. The non-volatile memory stores passwords or authentication values,
5 and/or a cryptographic key. The logic permits retrieval of a predetermined maximum number of the passwords from the non-volatile memory to authenticate the replaceable item within the host device. The predetermined maximum number of the passwords is less than the total number of the passwords.

FIG 1