

METHODS AND SYSTEMS FOR RECOGNIZING DISGUISED DEVICE

ABSTRACT

This disclosure relates to a method and a system for recognizing a disguised
5 device. A client of an application is installed on the device for interacting with the
application, and the method includes: receiving environment information associated
with the device and a device ID associated with the device in response to an interaction
with the application from the device; determining whether the device ID exists in a pre-
stored association table of a unique environment identifier and a device ID; and if the
10 device ID does not exist in the association table, calculating a unique environment
identifier associated with the device based on the environment information; searching
the association table for a device ID associated with the unique environment identifier
by using the unique environment identifier; and determining, based on a quantity of
different identified device IDs associated with the unique environment identifier,
15 whether the device is disguised.

FIG. 1