

# **Recording and Verification Method and Apparatus of Internet of Things Device, and Identity Authentication Method and Apparatus**

## **Abstract**

A method and an apparatus for recording and verifying an Internet of Things (IoT) device, a method and an apparatus for identity authentication are provided in the present application. The recording and verification method includes: a recording and verification apparatus receiving a recording request sent by a recording production line, the recording request being used for requesting the recording and verification apparatus to assign an identity identifier and a device key to an IoT device to be recorded, and the device key including a device private key and a device public key; the recording and verification apparatus verifying whether the recording request is legitimate, and assigning the identity identifier and the device key to the IoT device to be recorded if affirmative; and the recording and verification apparatus sending the identity identifier and the device private key to the recording production line, so that the recording production line records the identity identifier and the device private key into the IoT device. Using the embodiments of the present application, the security of identity authentication of an IoT device can be improved, and the cost of a platform side can be reduced.

Figure 4