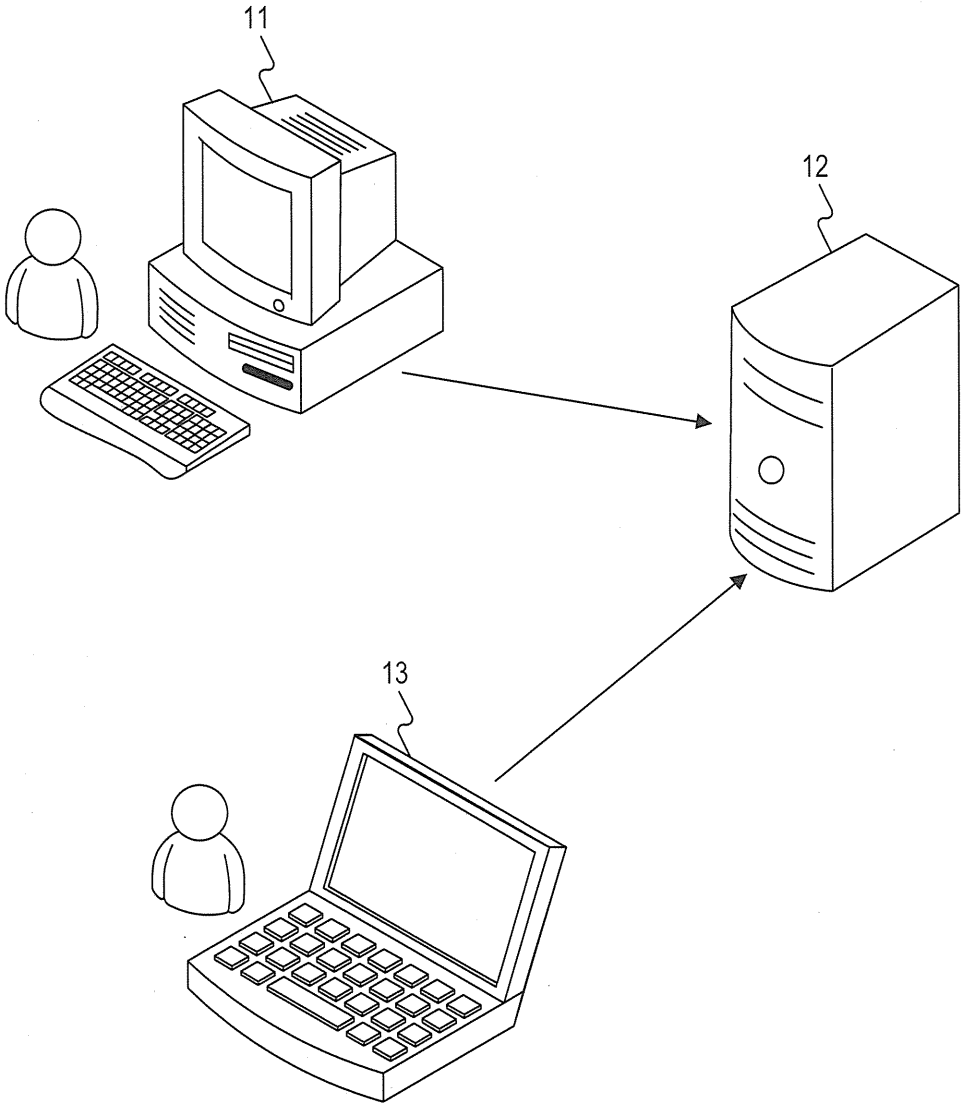

FIG. 1

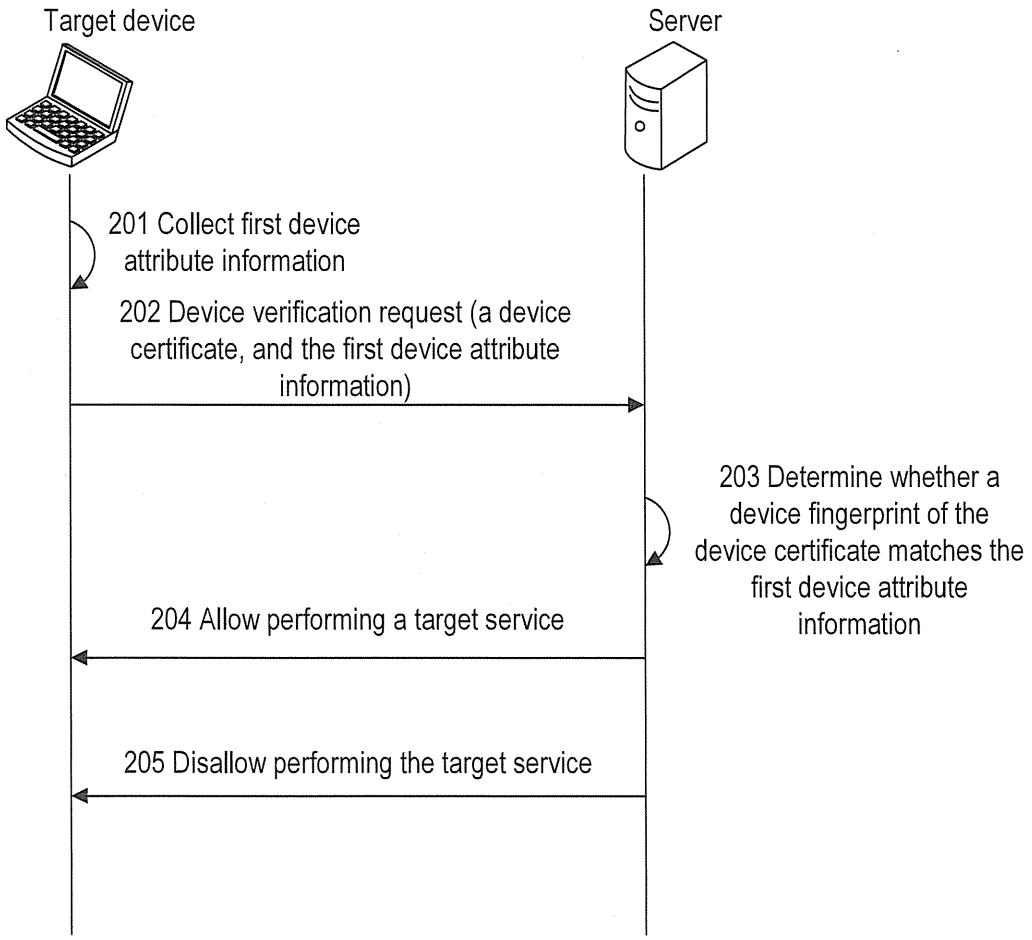
Target device
Server
201 Collect first device attribute information
202 Device verification request (a device certificate, and the first device attribute information)
203 Determine whether a device fingerprint of the device certificate matches the first device attribute information
204 Allow performing a target service
205 Disallow performing the target service

FIG. 2

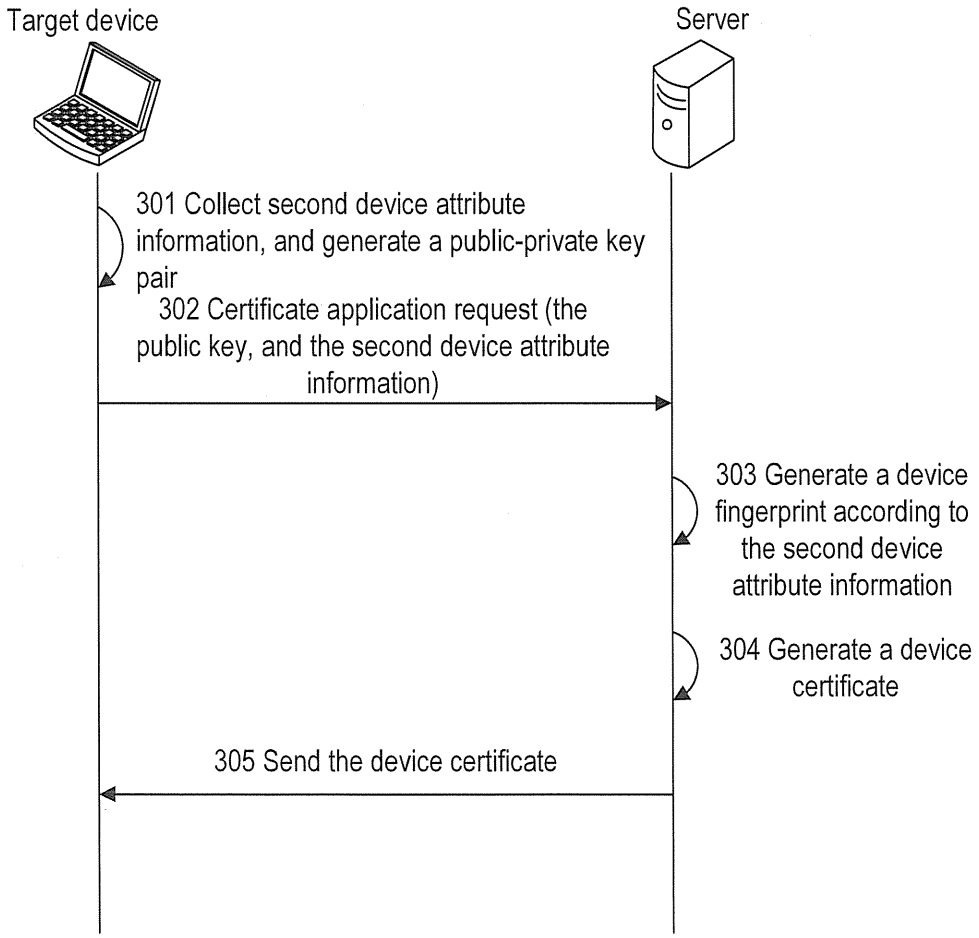
Target device
Server
301 Collect second device attribute information, and generate a public-private key pair
302 Certificate application request (the public key, and the second device attribute information)
303 Generate a device fingerprint according to the second device attribute information
304 Generate a device certificate
305 Send the device certificate

FIG. 3

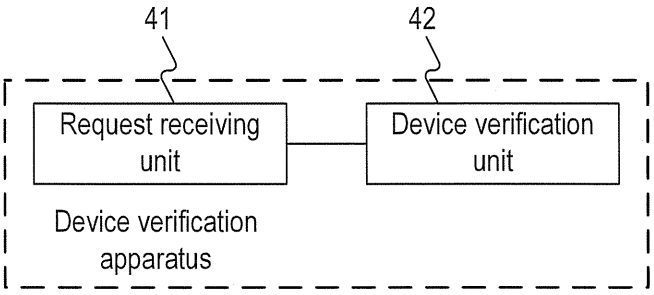
41
42
Request receiving unit
Device verification unit
Device verification apparatus

FIG. 4

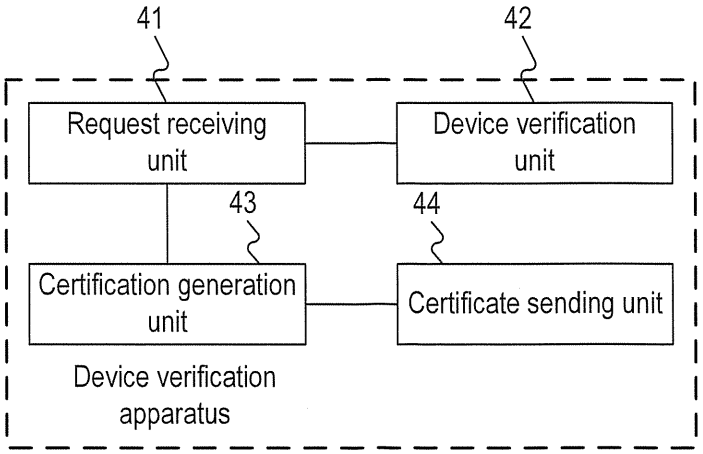
41
42
Request receiving unit
Device verification unit
43
44
Certification generation unit
Certificate sending unit
Device verification apparatus

FIG. 5

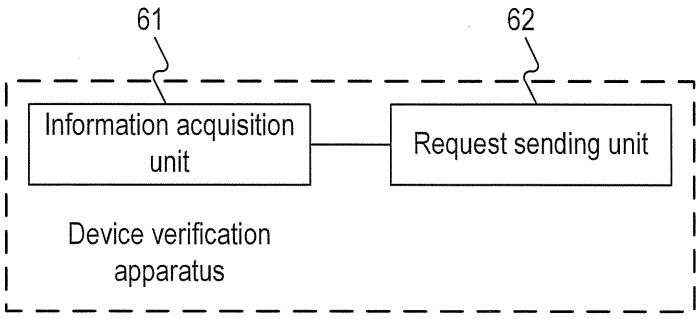
61
62
Information acquisition unit
Request sending unit
Device verification apparatus

FIG. 6

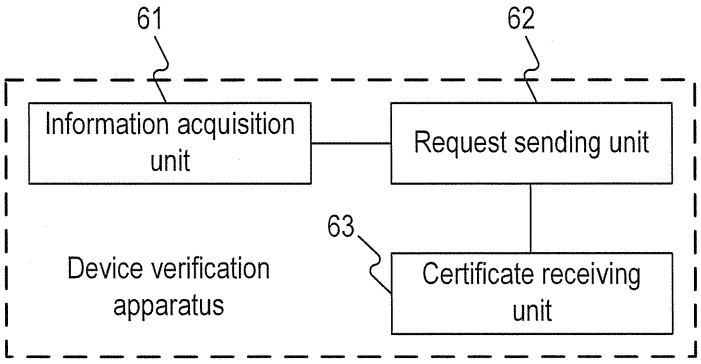
61
62
Information acquisition unit
Request sending unit
63
Device verification apparatus
Certificate receiving unit

FIG. 7