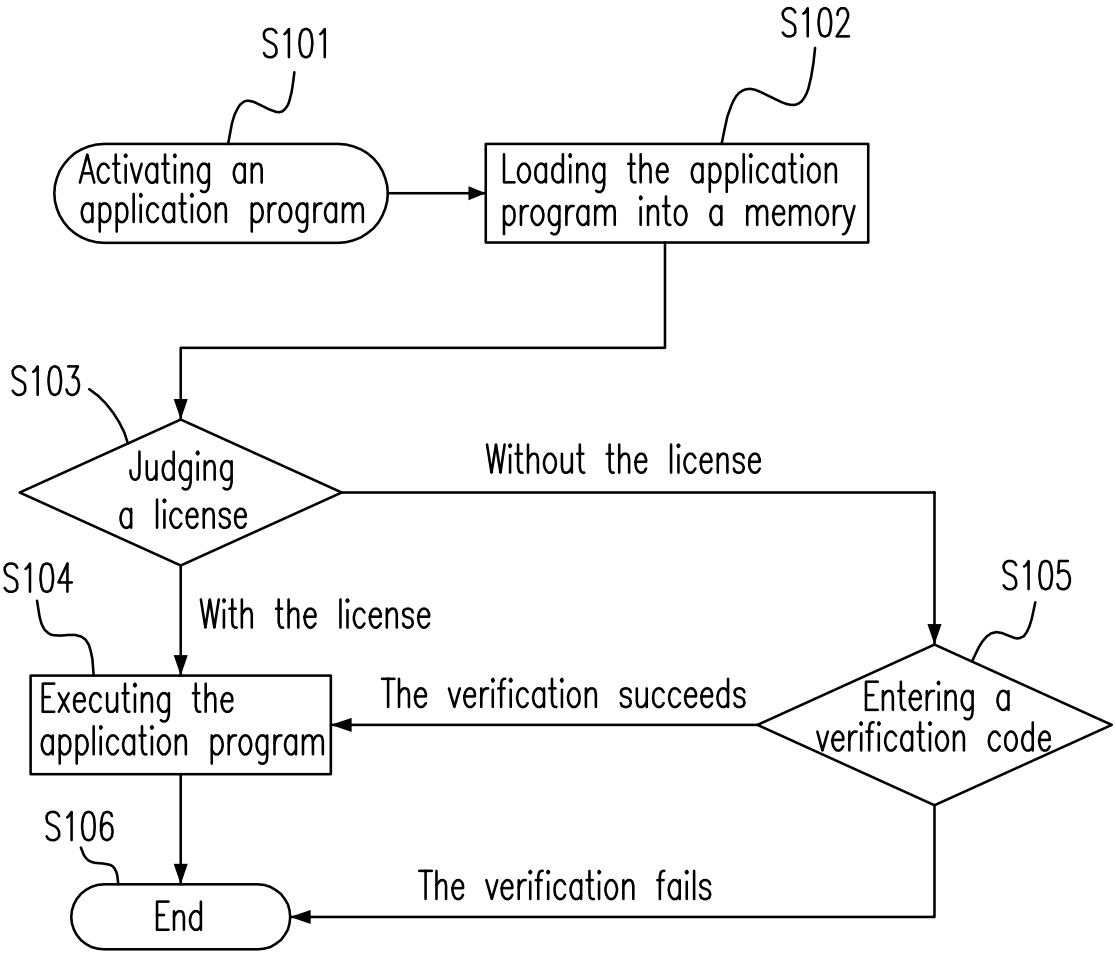

Fig. 1(Prior Art)

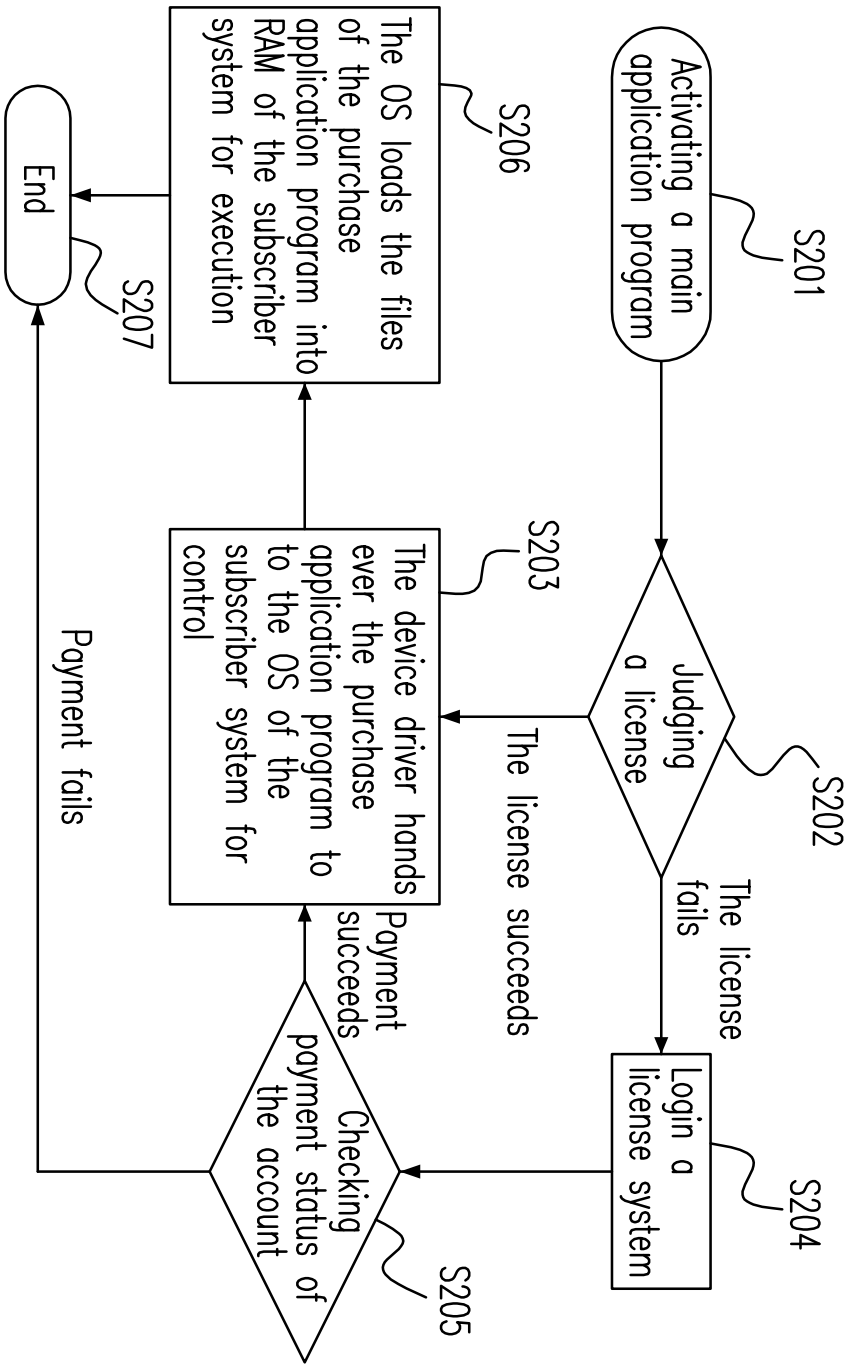
Activating a main application program
S201
Judging a license
S202
The license fails
Login a license system
S204
Checking payment status of the account
S205
Payment succeeds
The device driver hands ever the purchase application program to to the OS of the subscriber system for control
S203
The license succeeds
The OS loads the files of the purchase application program into RAM of the subscriber system for execution
S206
End
S207
Payment fails

Fig. 2

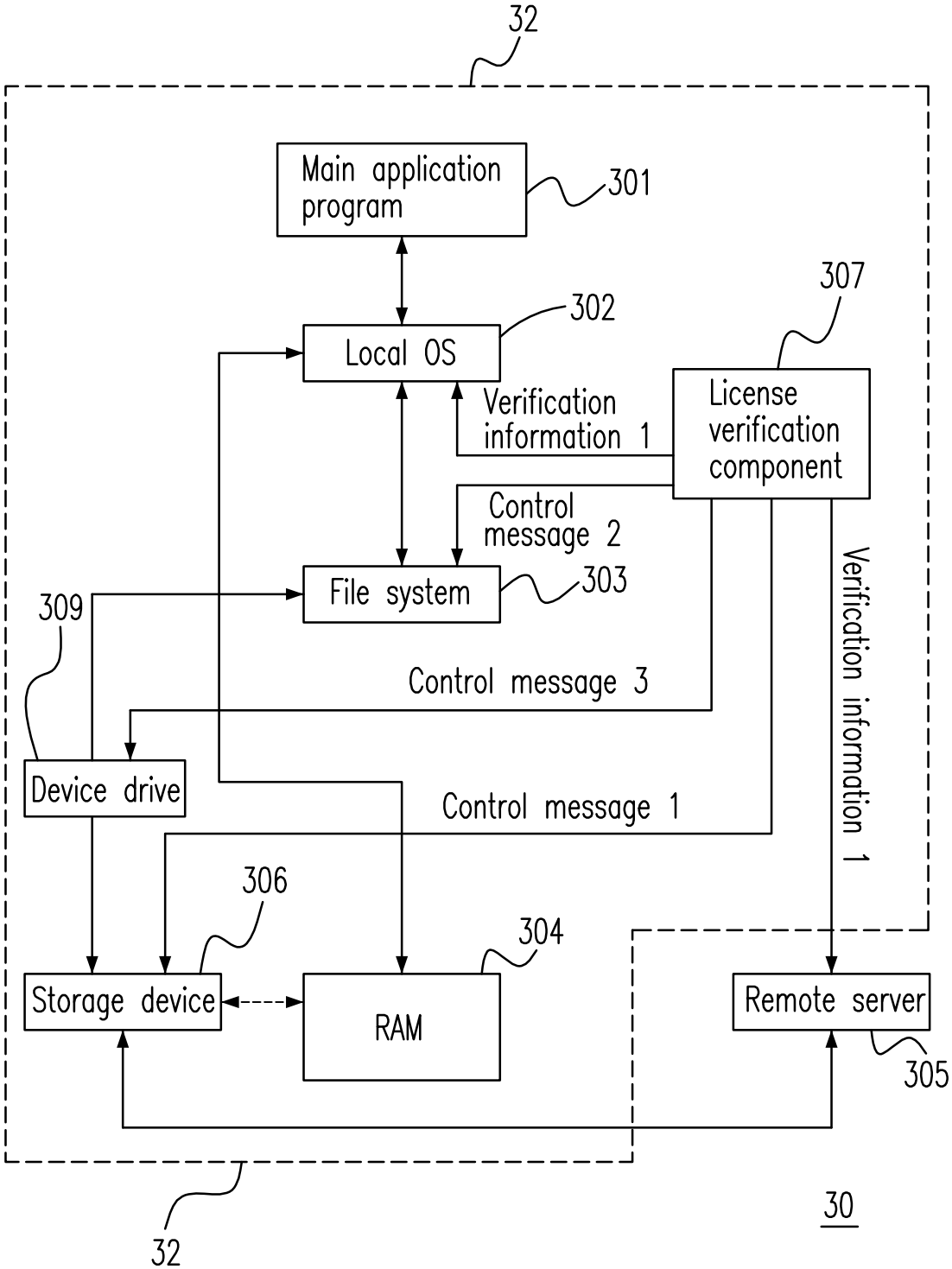
32
Main application program
301
307
302
Local OS
License verification component
Verification information 1
Control message 2
File system
303
309
Control message 3
Verification information 1
Device drive
Control message 1
306
304
Storage device
RAM
Remote server
305
30
32

Fig. 3

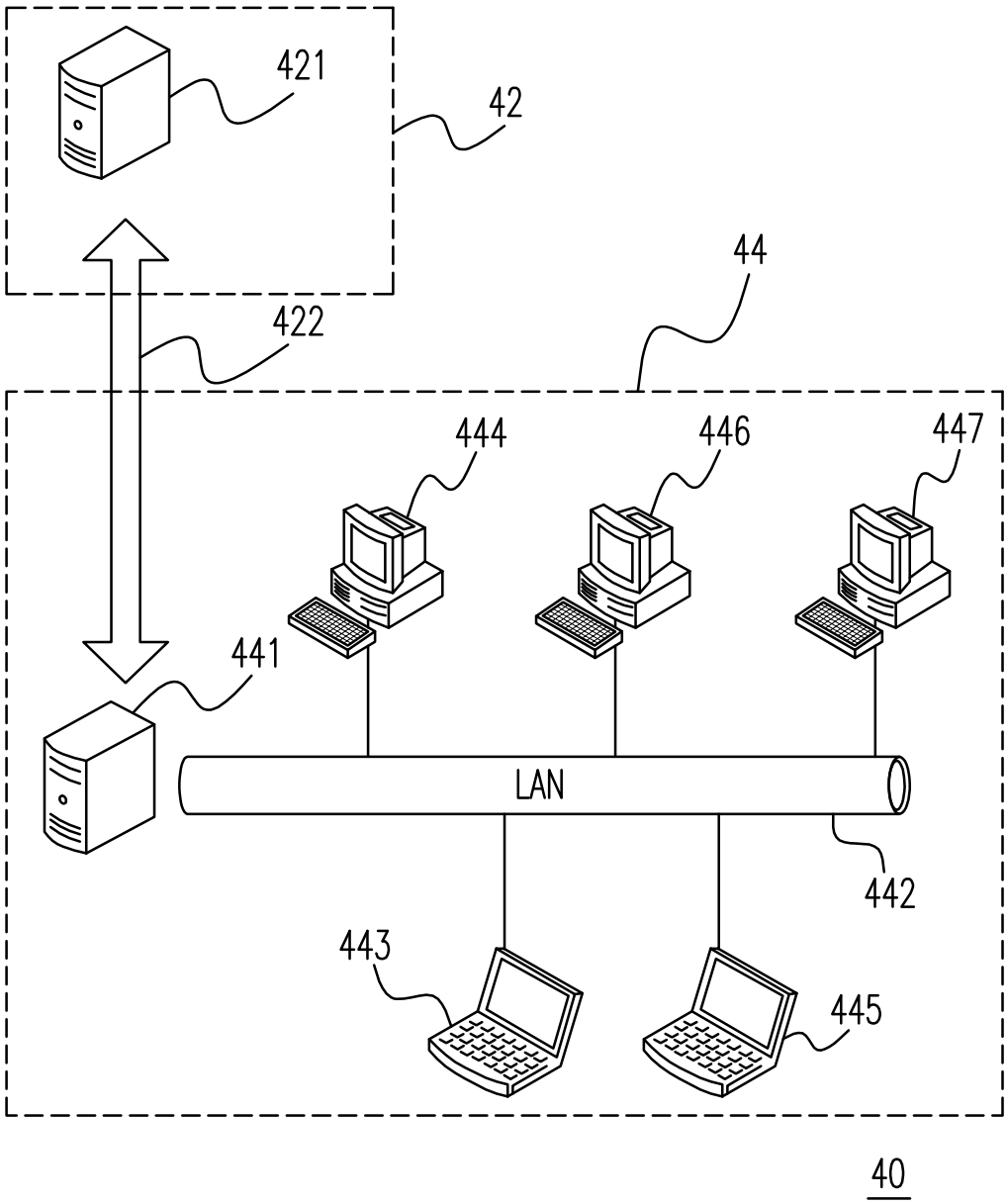

Fig. 4

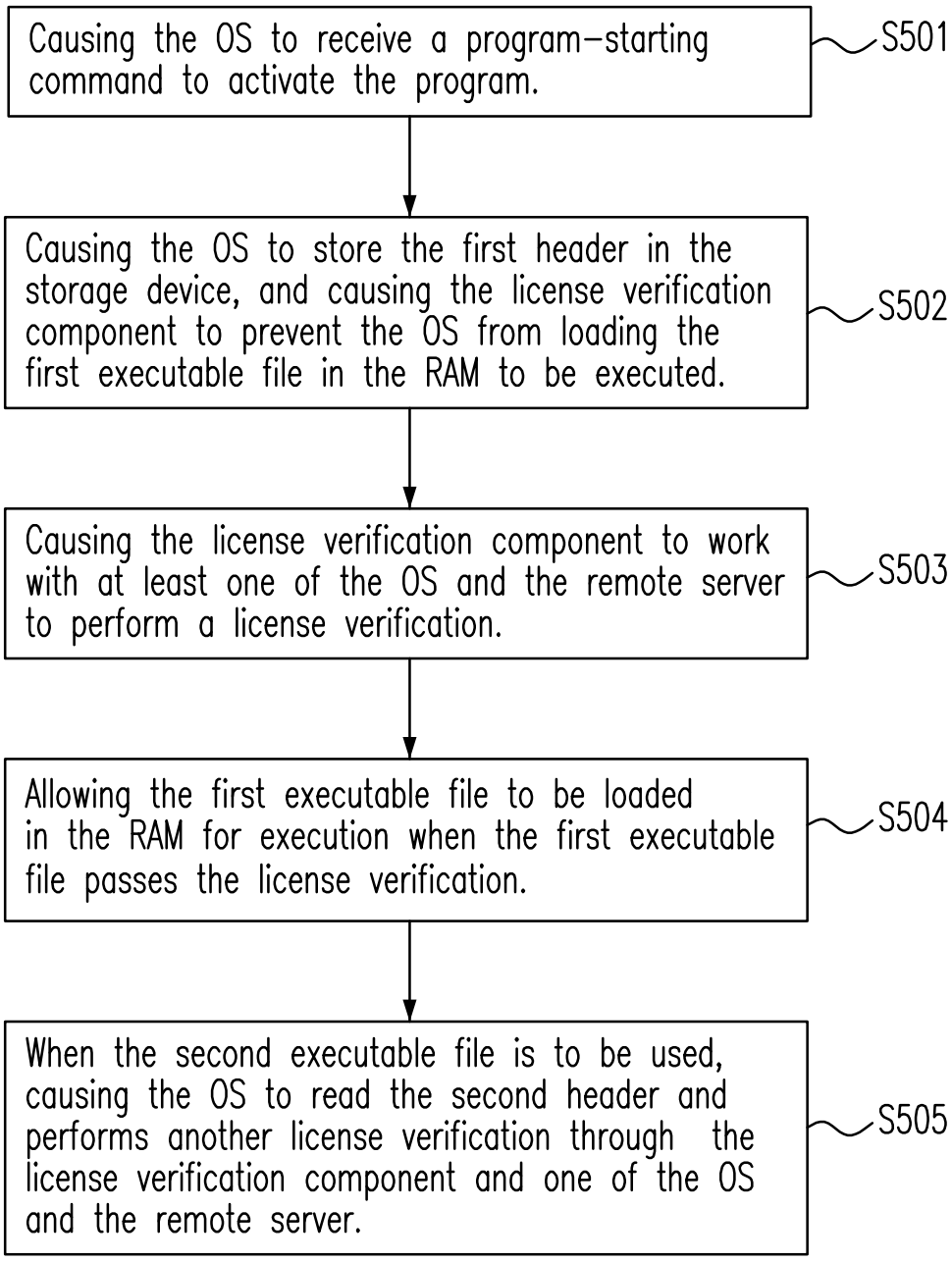
Causing the OS to receive a program-starting command to activate the program.
S501
Causing the OS to store the first header in the storage device, and causing the license verification component to prevent the OS from loading the first executable file in the RAM to be executed.
S502
Causing the license verification component to work with at least one of the OS and the remote server to perform a license verification.
S503
Allowing the first executable file to be loaded in the RAM for execution when the first executable file passes the license verification.
S504
When the second executable file is to be used, causing the OS to read the second header and performs another license verification through the license verification component and one of the OS and the remote server.
S505

Fig. 5

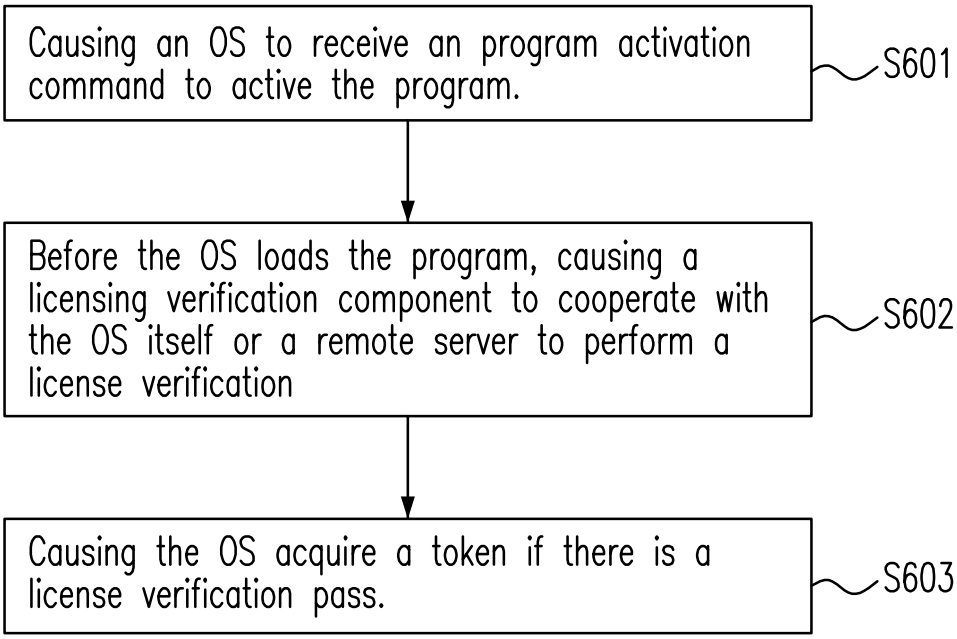
Causing an OS to receive an program activation command to active the program.
S601
Before the OS loads the program, causing a licensing verification component to cooperate with the OS itself or a remote server to perform a license verification
S602
Causing the OS acquire a token if there is a license verification pass.
S603

Fig. 6

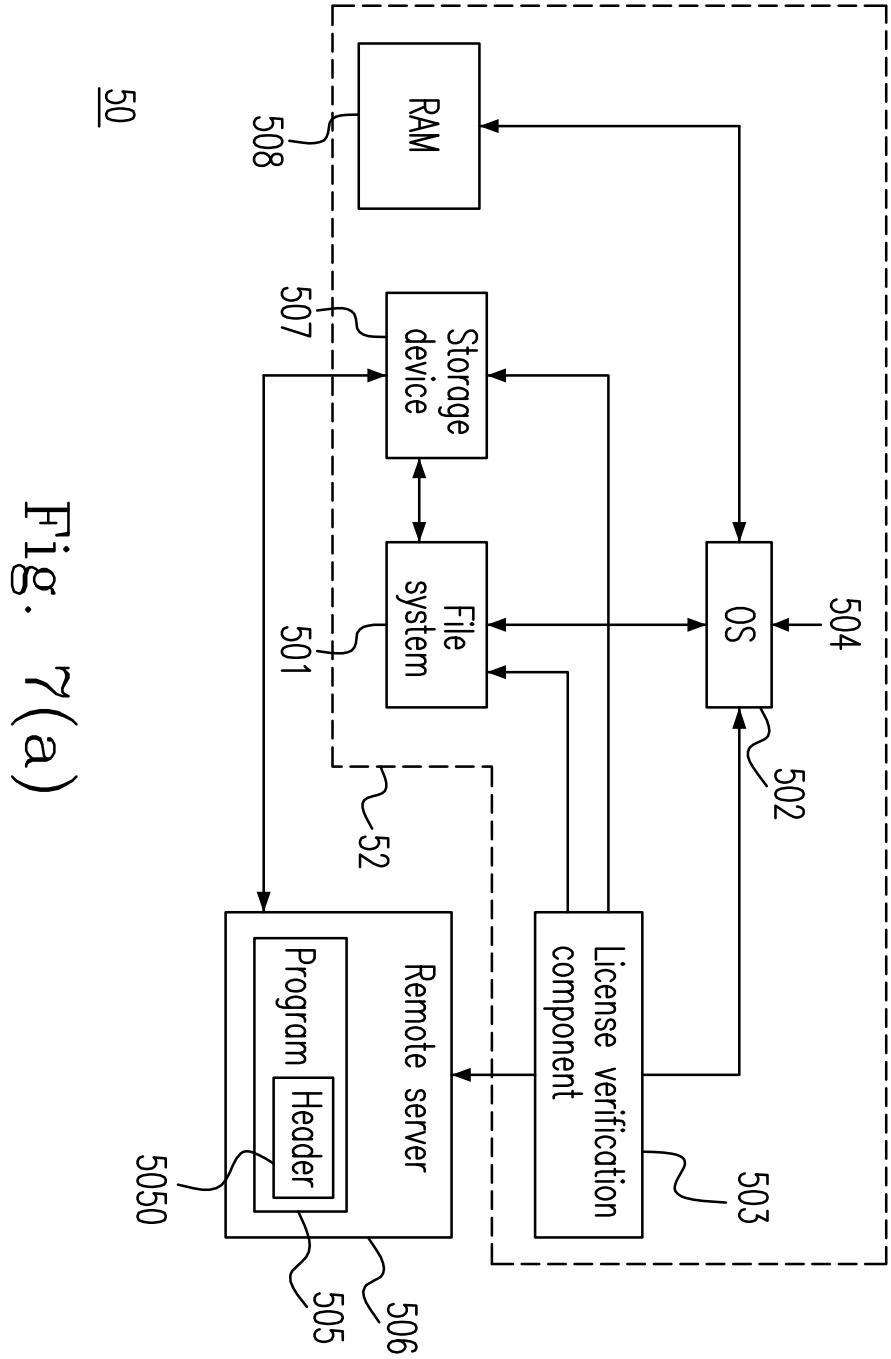
50
RAM
508
Storage device
507
File system
501
OS
504
502
52
License verification component
503
Remote server
Program
Header
5050
505
506

Fig. 7(a)

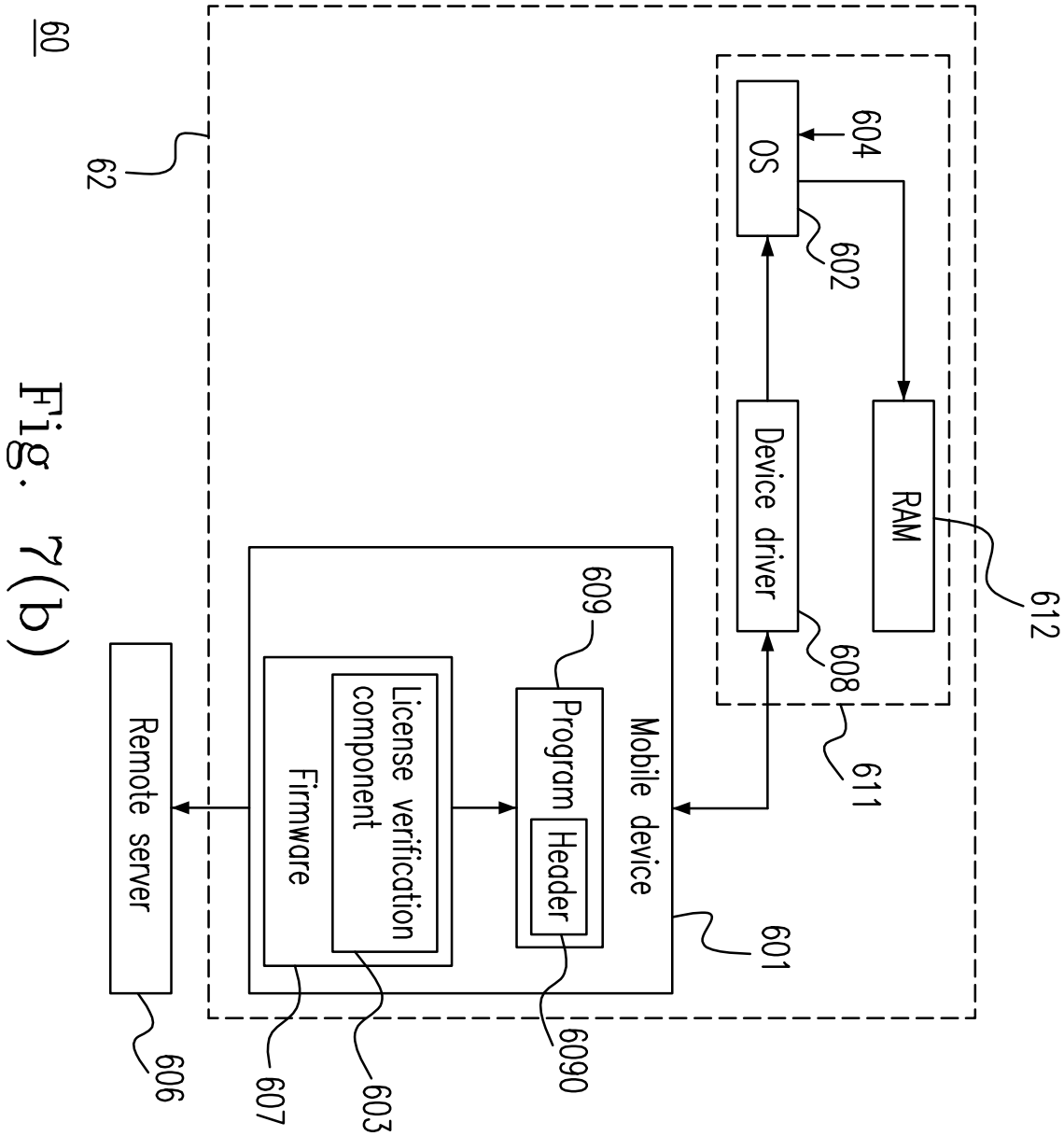
60
62
OS
604
602
RAM
612
Device driver
608
611
609
Program
Header
Mobile device
601
License verification component
Firmware
Remote server
606
607
603
6090

Fig. 7(b)

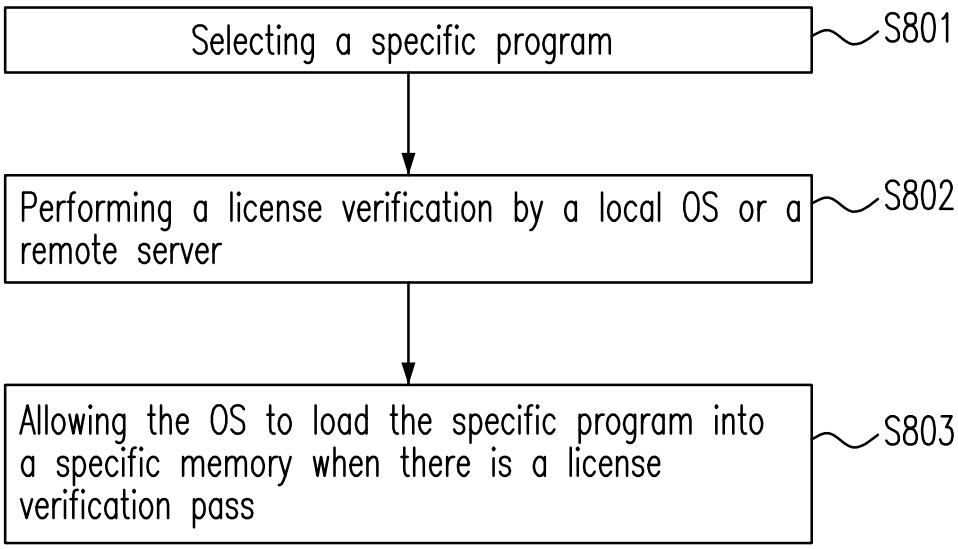
Selecting a specific program
S801
Performing a license verification by a local OS or a remote server
S802
Allowing the OS to load the specific program into a specific memory when there is a license verification pass
S803

Fig. 8

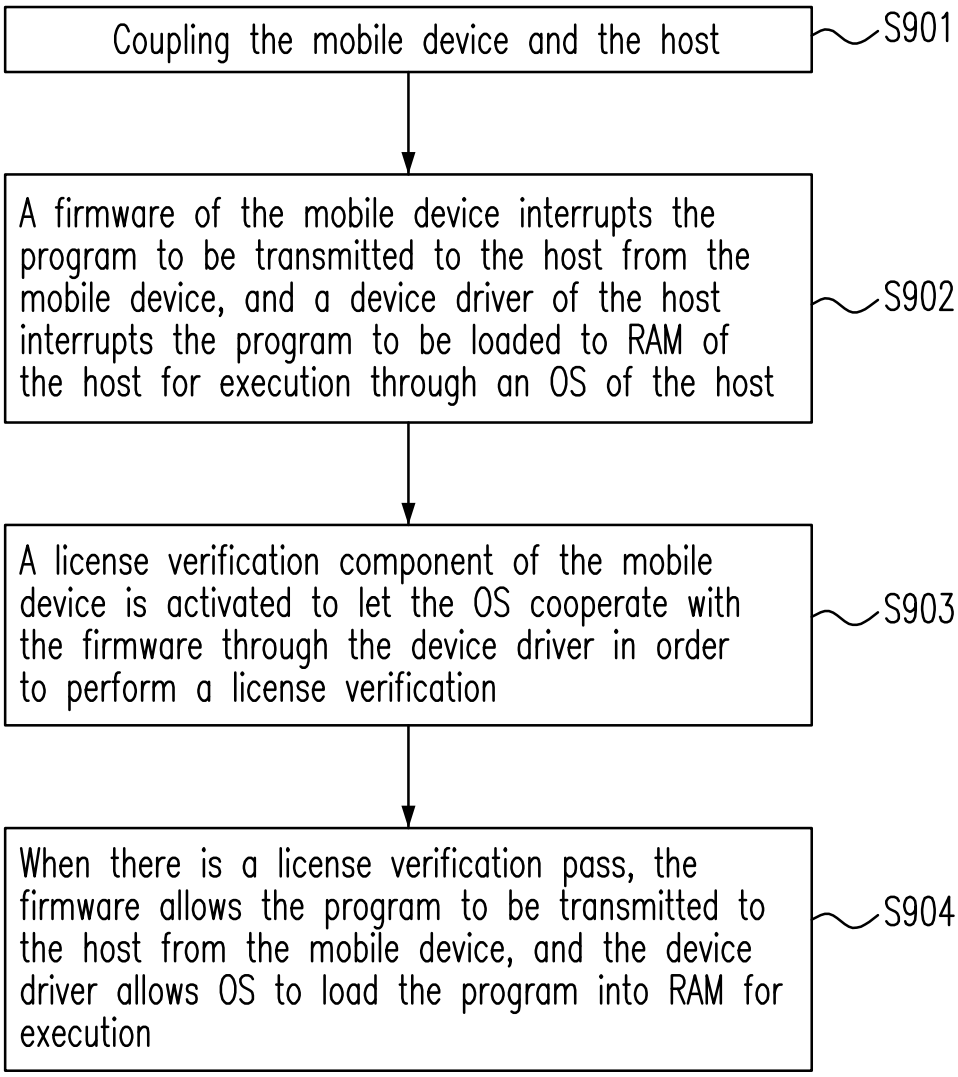
Coupling the mobile device and the host
S901
A firmware of the mobile device interrupts the program to be transmitted to the host from the mobile device, and a device driver of the host interrupts the program to be loaded to RAM of the host for execution through an OS of the host
S902
A license verification component of the mobile device is activated to let the OS cooperate with the firmware through the device driver in order to perform a license verification
S903
When there is a license verification pass, the firmware allows the program to be transmitted to the host from the mobile device, and the device driver allows OS to load the program into RAM for execution
S904

Fig. 9