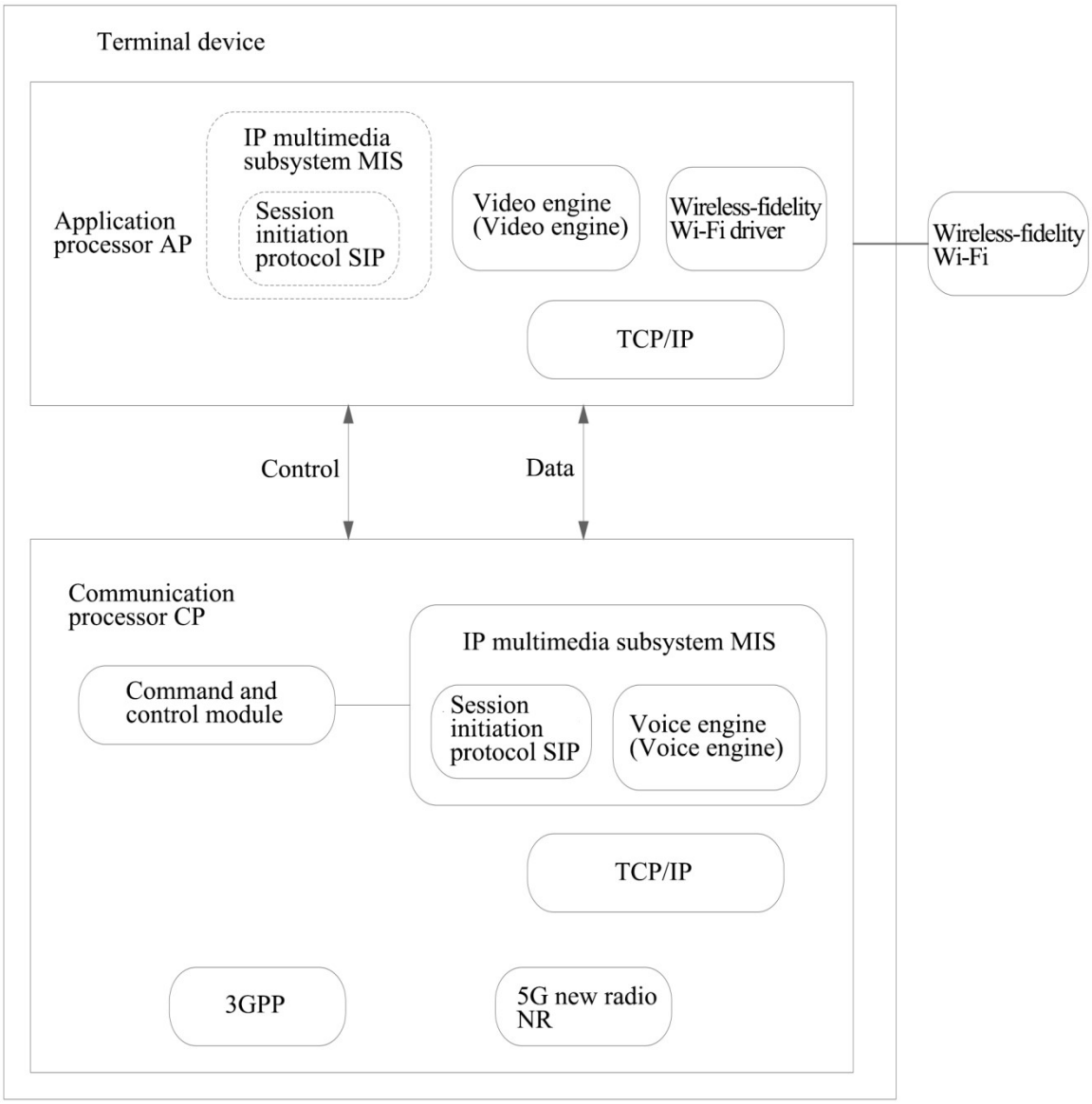
Terminal device
Application processor AP
IP multimedia subsystem MIS
Session initiation protocol SIP
Video engine (Video engine)
Wireless-fidelity Wi-Fi driver
Wireless-fidelity Wi-Fi
TCP/IP
Control
Data
Communication processor CP
IP multimedia subsystem MIS
Command and control module
Session initiation protocol SIP
Voice engine (Voice engine)
TCP/IP
3GPP
5G new radio NR

FIG. 1

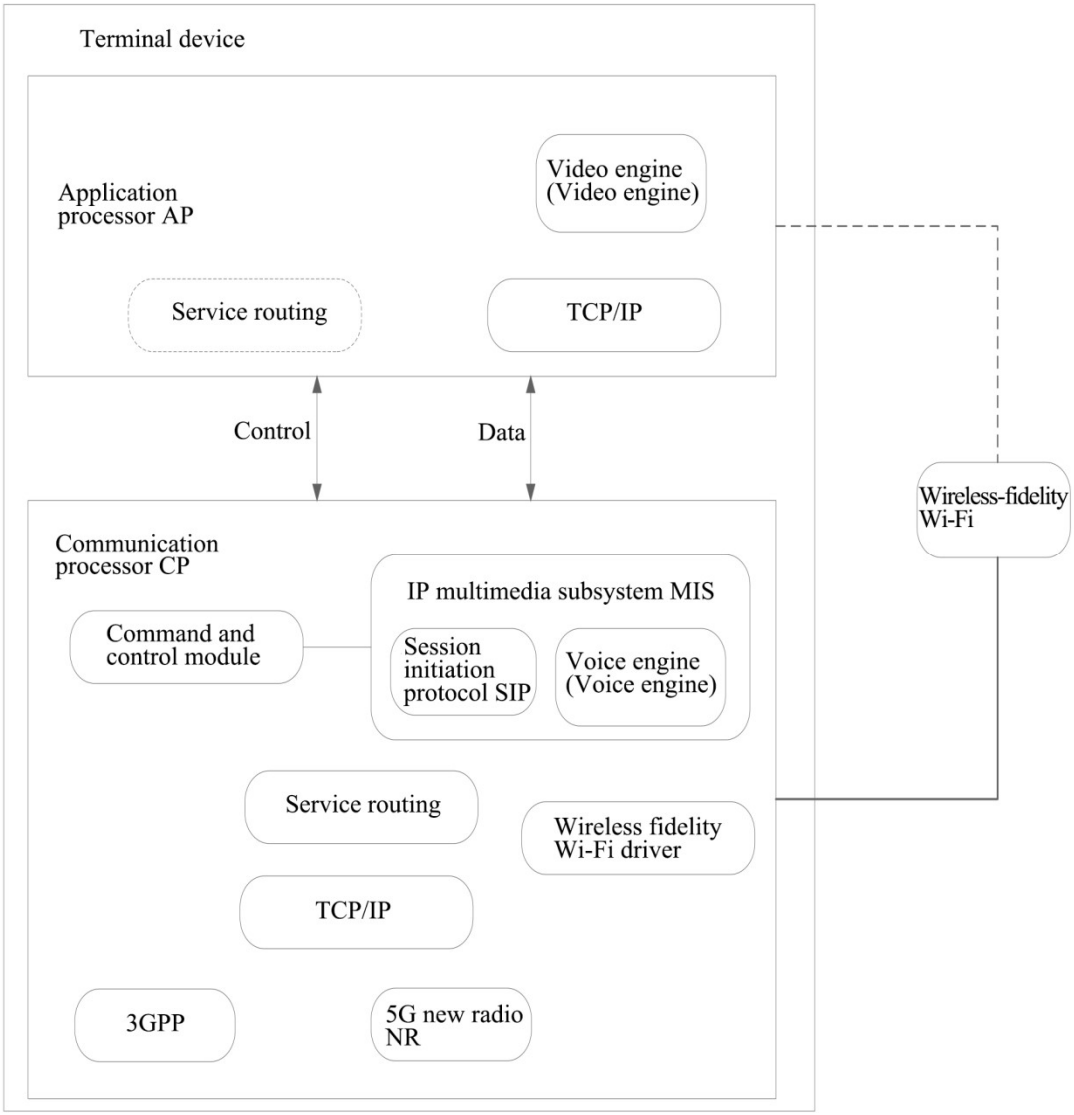
Terminal device
Application processor AP
Video engine (Video engine)
Service routing
TCP/IP
Control
Data
Communication processor CP
IP multimedia subsystem MIS
Command and control module
Session initiation protocol SIP
Voice engine (Voice engine)
Service routing
Wireless fidelity Wi-Fi driver
TCP/IP
3GPP
5G new radio NR
Wireless-fidelity Wi-Fi

FIG. 2

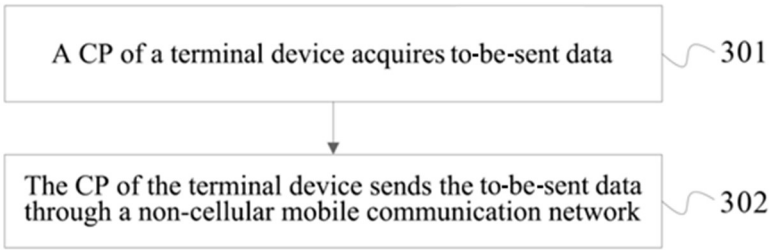

FIG. 3

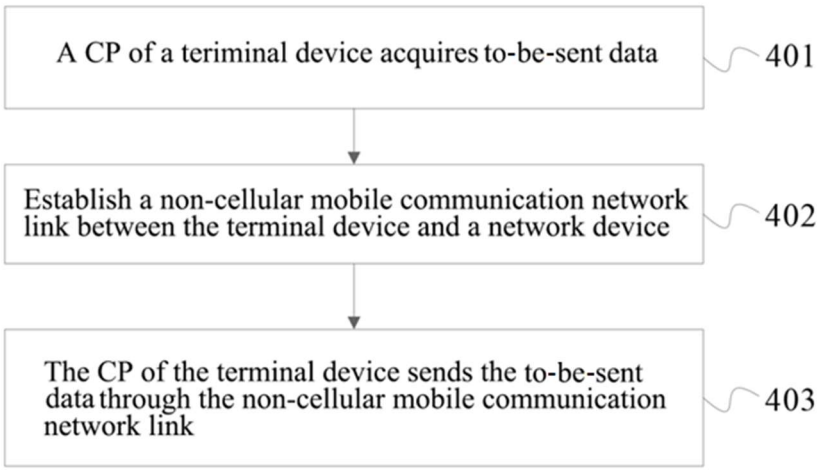

FIG. 4

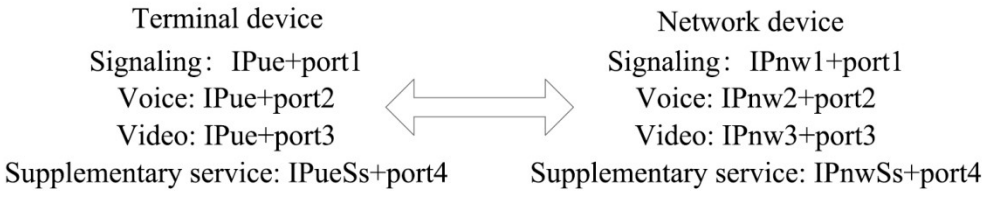

FIG. 5

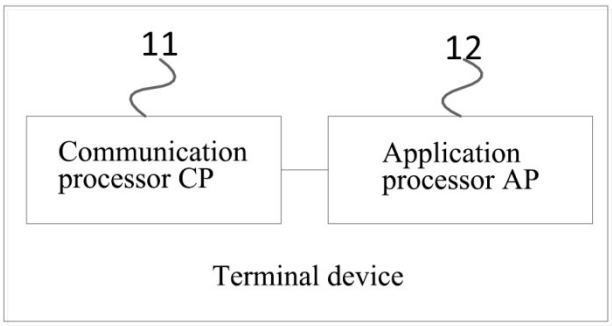
11
12
Communication processor CP
Application processor AP
Terminal device

FIG. 6

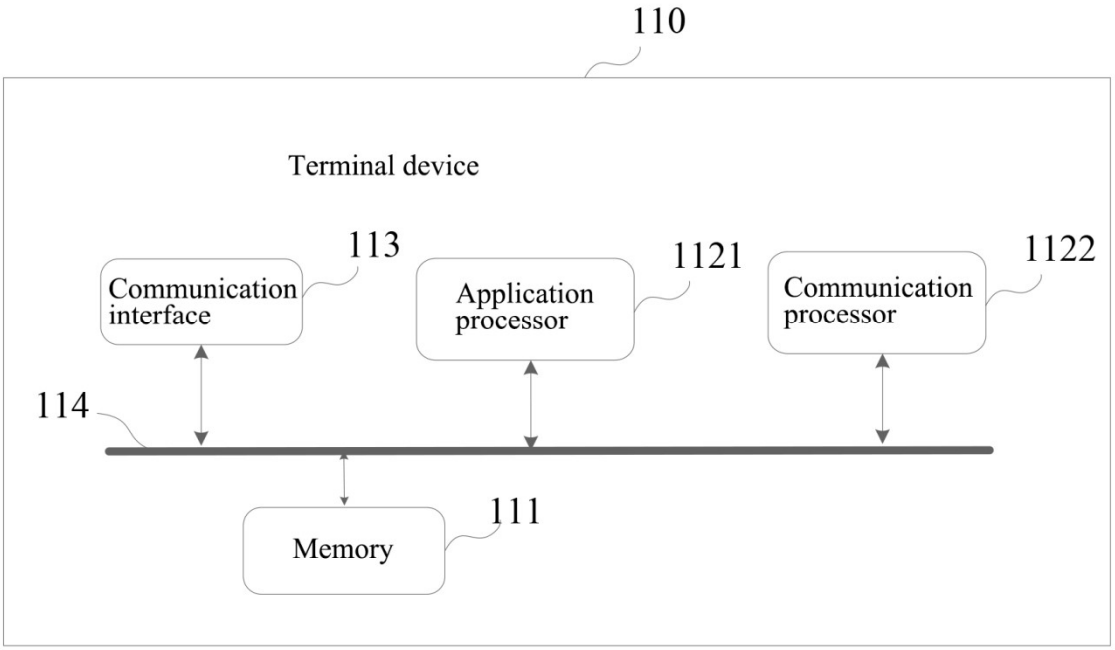
110
Terminal device
113
Communication interface
1121
Application processor
1122
Communication processor
114
111
Memory

FIG. 7