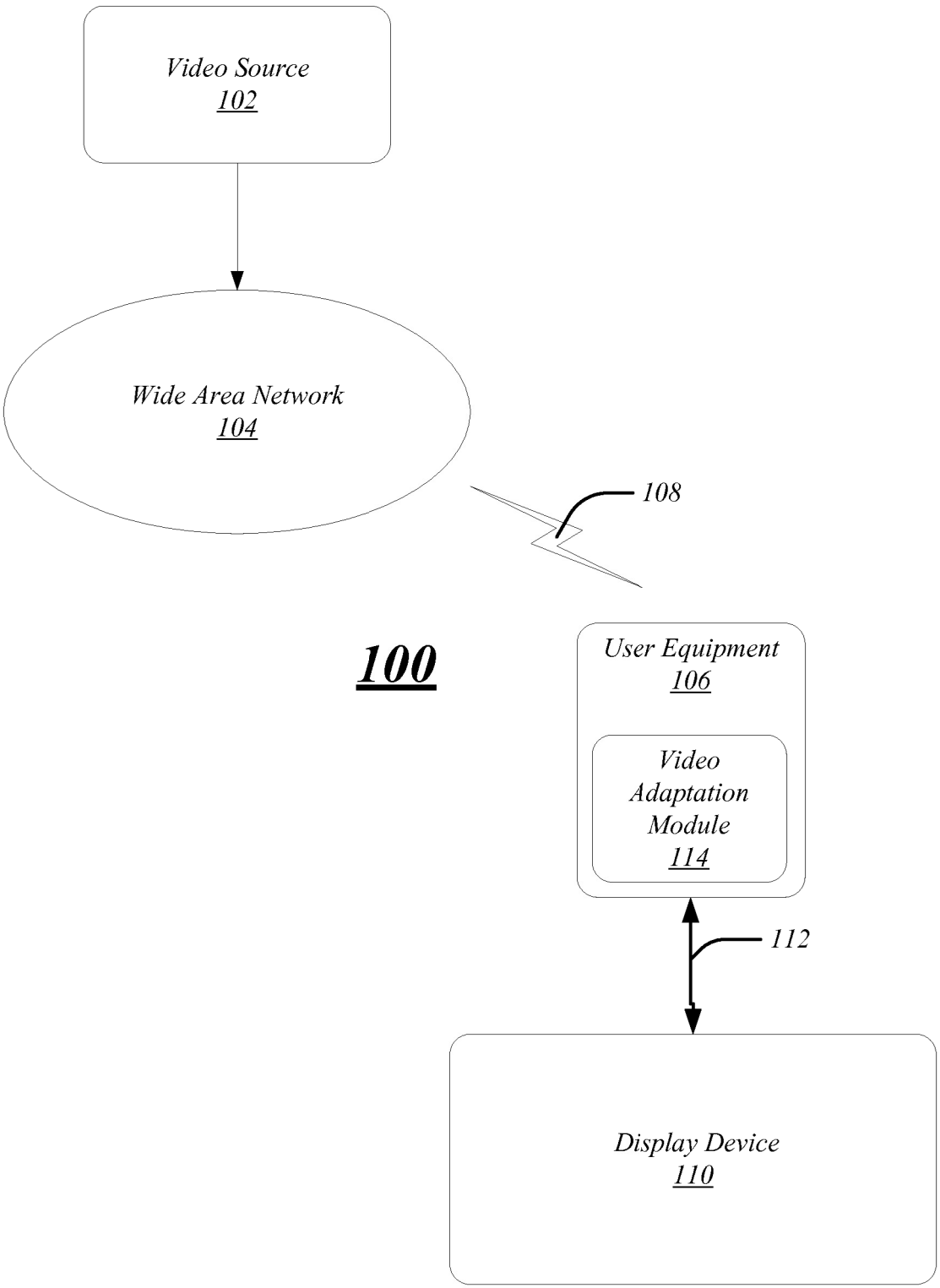

Video Source
102
Wide Area Network
104
108
100
User Equipment
106
Video Adaptation Module
114
112
Display Device
110

FIG. 1

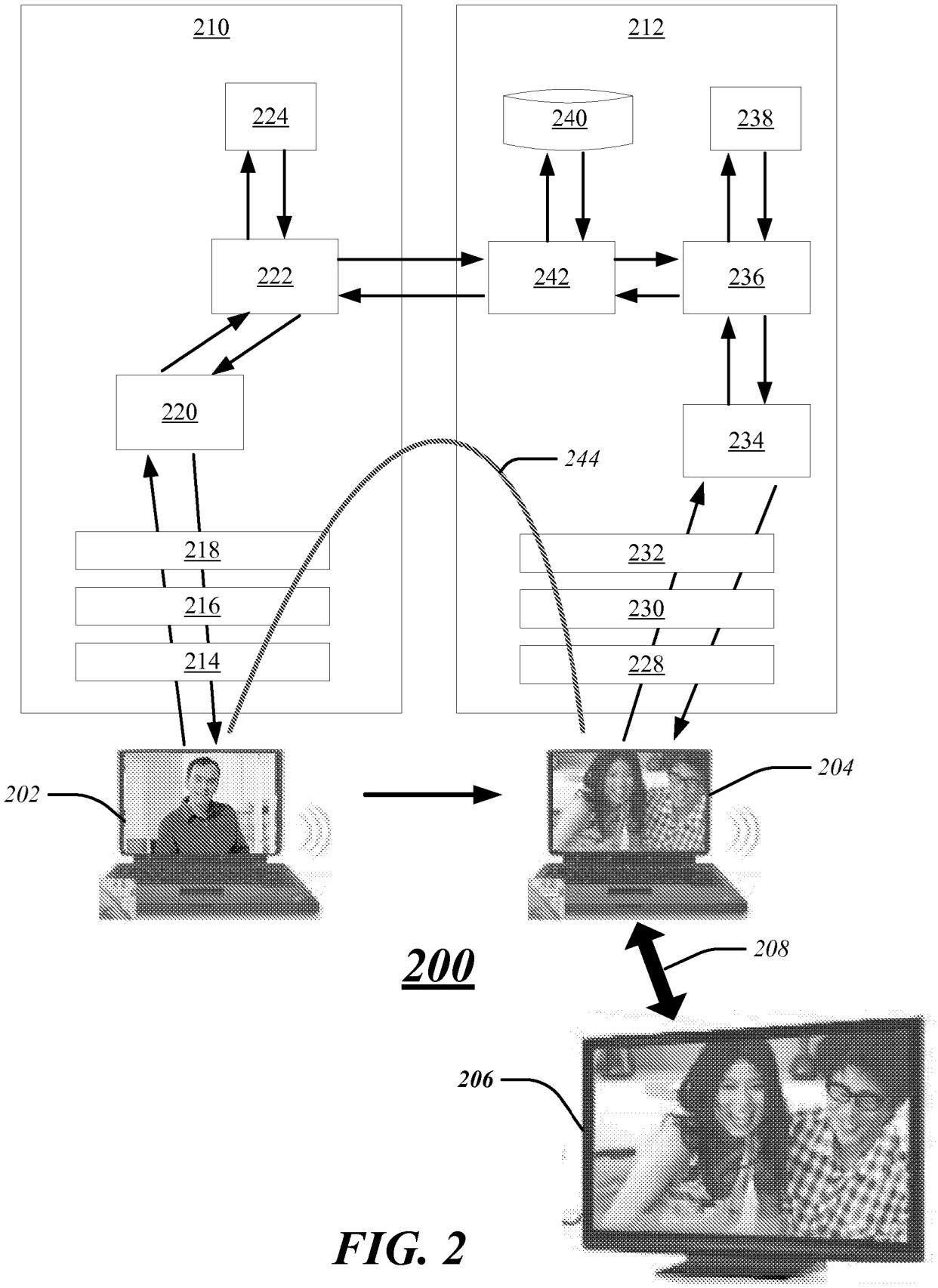
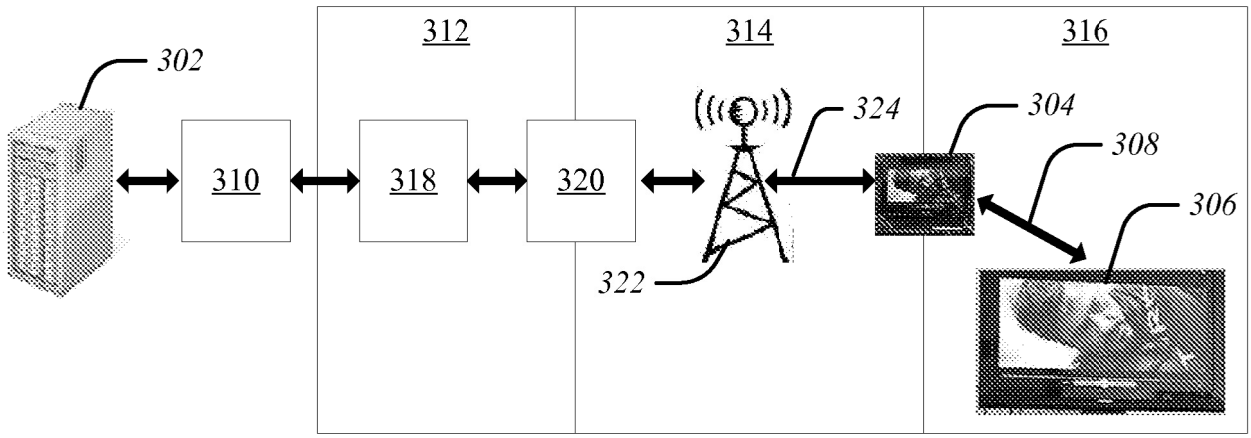

210
212
224
240
238
222
242
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220
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244
218
232
216
230
214
228
202
204
208
200
206

FIG. 2



300

FIG. 3

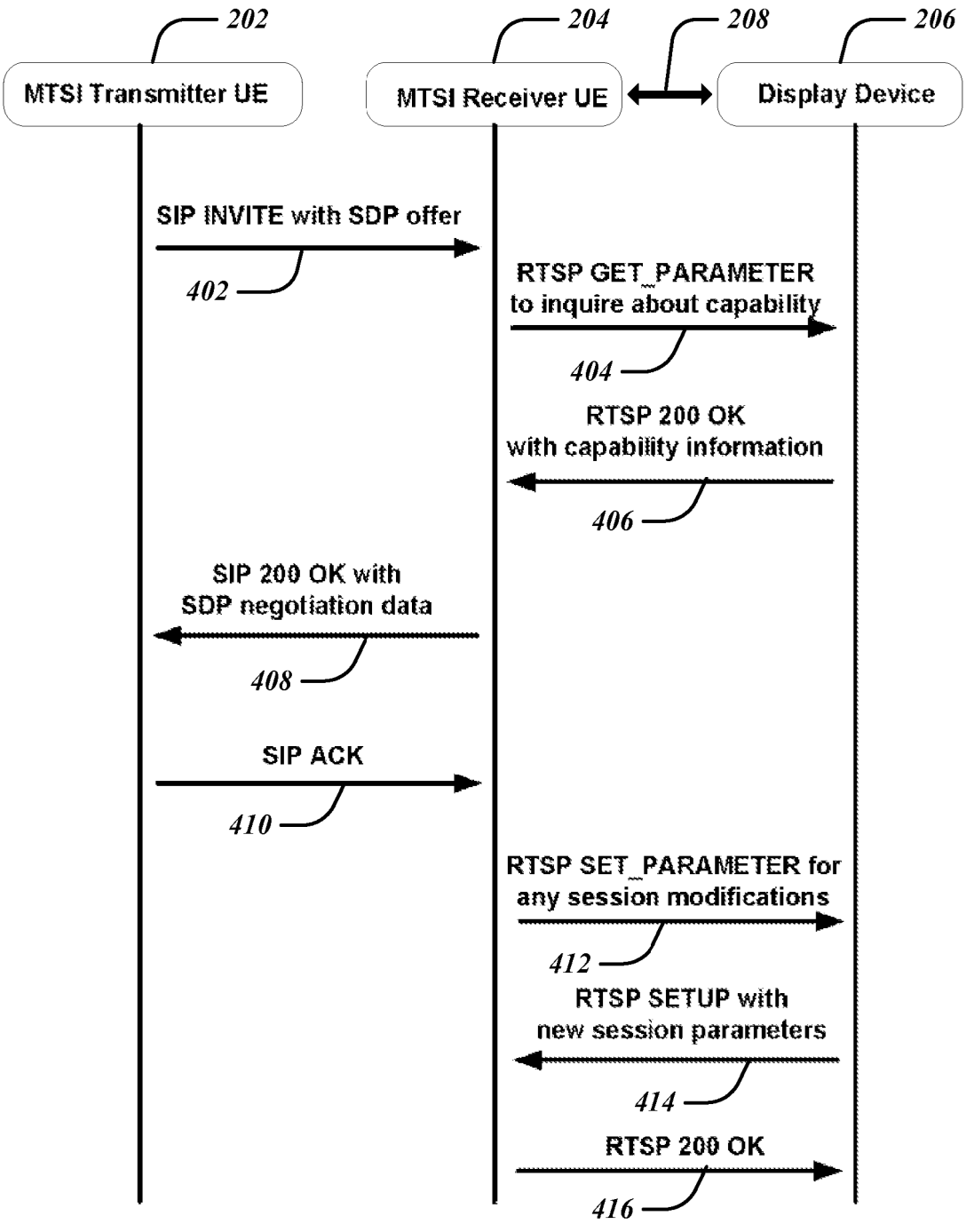

202
204
208
206
MTSI Transmitter UE
MTSI Receiver UE
Display Device
SIP INVITE with SDP offer
402
RTSP GET_PARAMETER
to inquire about capability
404
RTSP 200 OK
with capability information
406
SIP 200 OK with
SDP negotiation data
408
SIP ACK
410
RTSP SET_PARAMETER for
any session modifications
412
RTSP SETUP with
new session parameters
414
RTSP 200 OK
416

FIG. 4

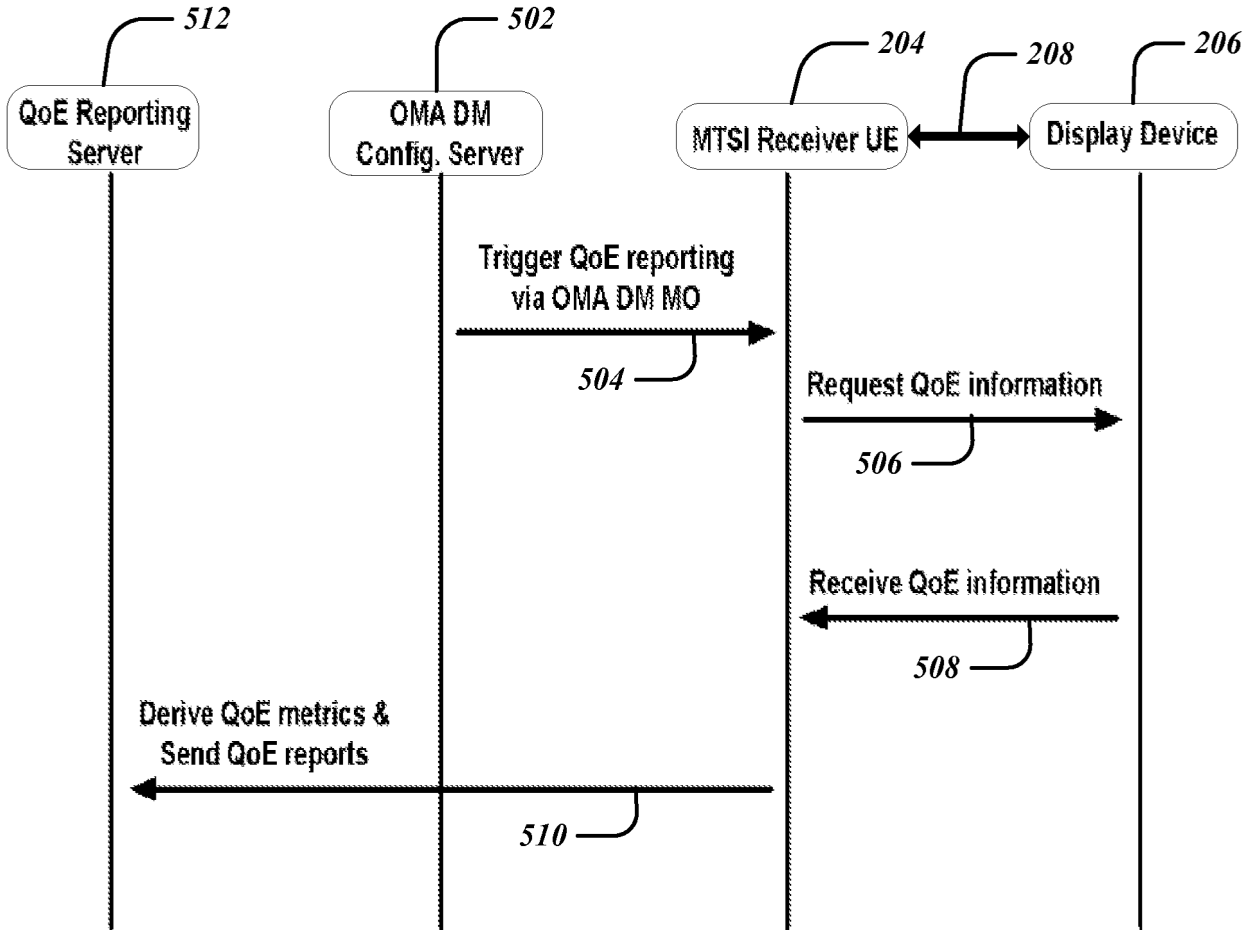

512
502
204
208
206
QoE Reporting Server
OMA DM Config. Server
MTSI Receiver UE
Display Device
Trigger QoE reporting via OMA DM MO
504
Request QoE information
506
Receive QoE information
508
Derive QoE metrics & Send QoE reports
510

FIG. 5

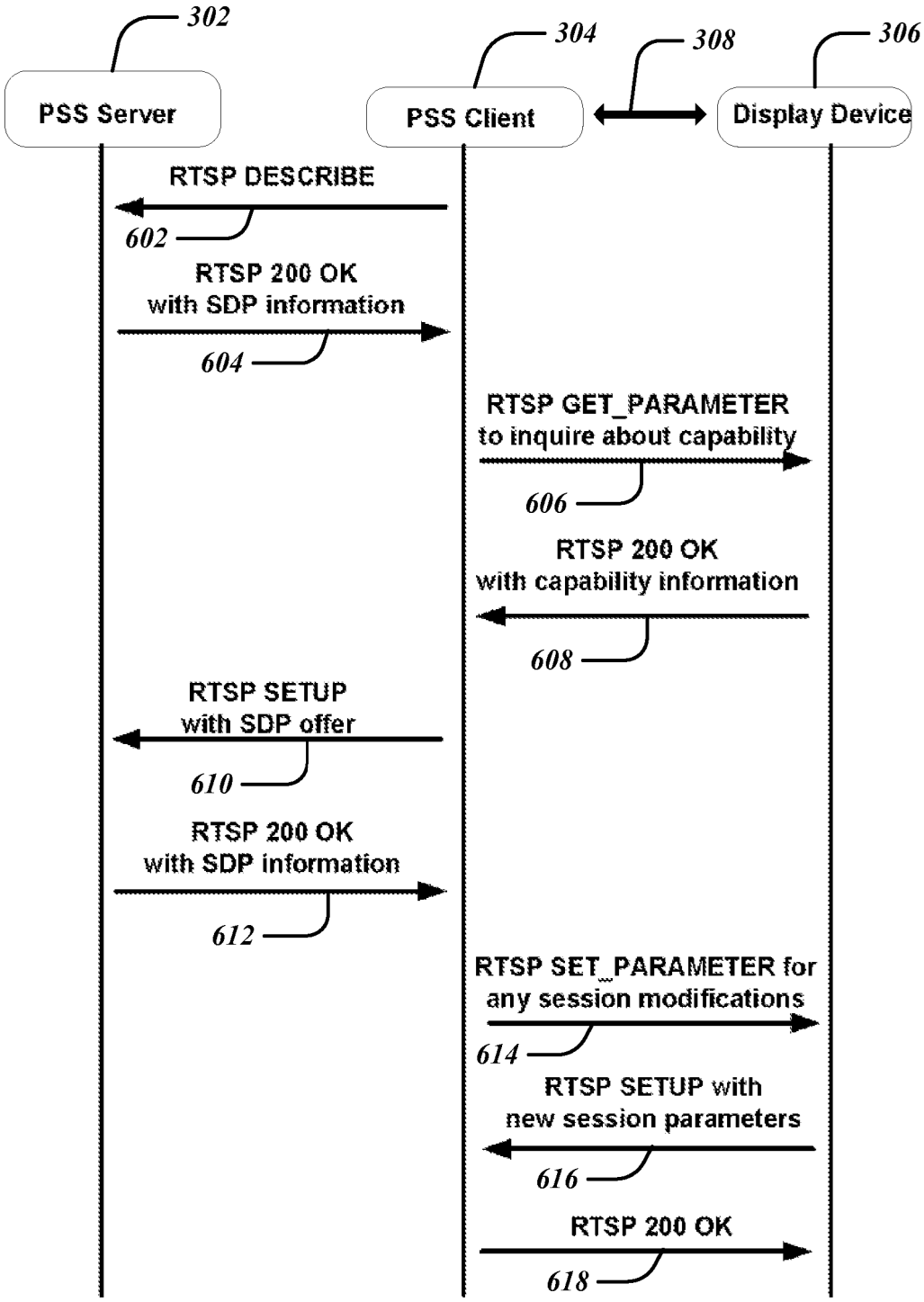
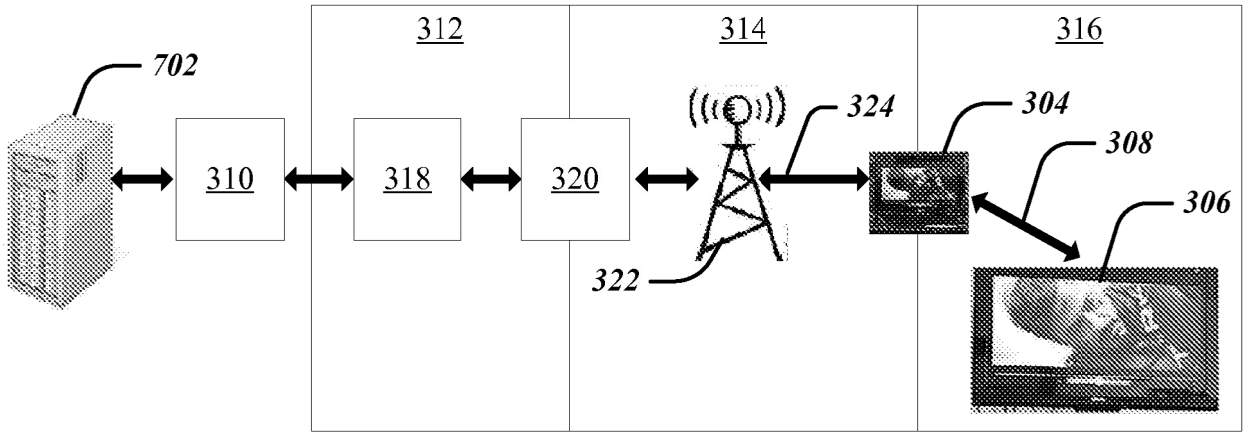

302
304
308
306
PSS Server
PSS Client
Display Device
RTSP DESCRIBE
602
RTSP 200 OK
with SDP information
604
RTSP GET_PARAMETER
to inquire about capability
606
RTSP 200 OK
with capability information
608
RTSP SETUP
with SDP offer
610
RTSP 200 OK
with SDP information
612
RTSP SET_PARAMETER for
any session modifications
614
RTSP SETUP with
new session parameters
616
RTSP 200 OK
618

FIG. 6



700

FIG. 7

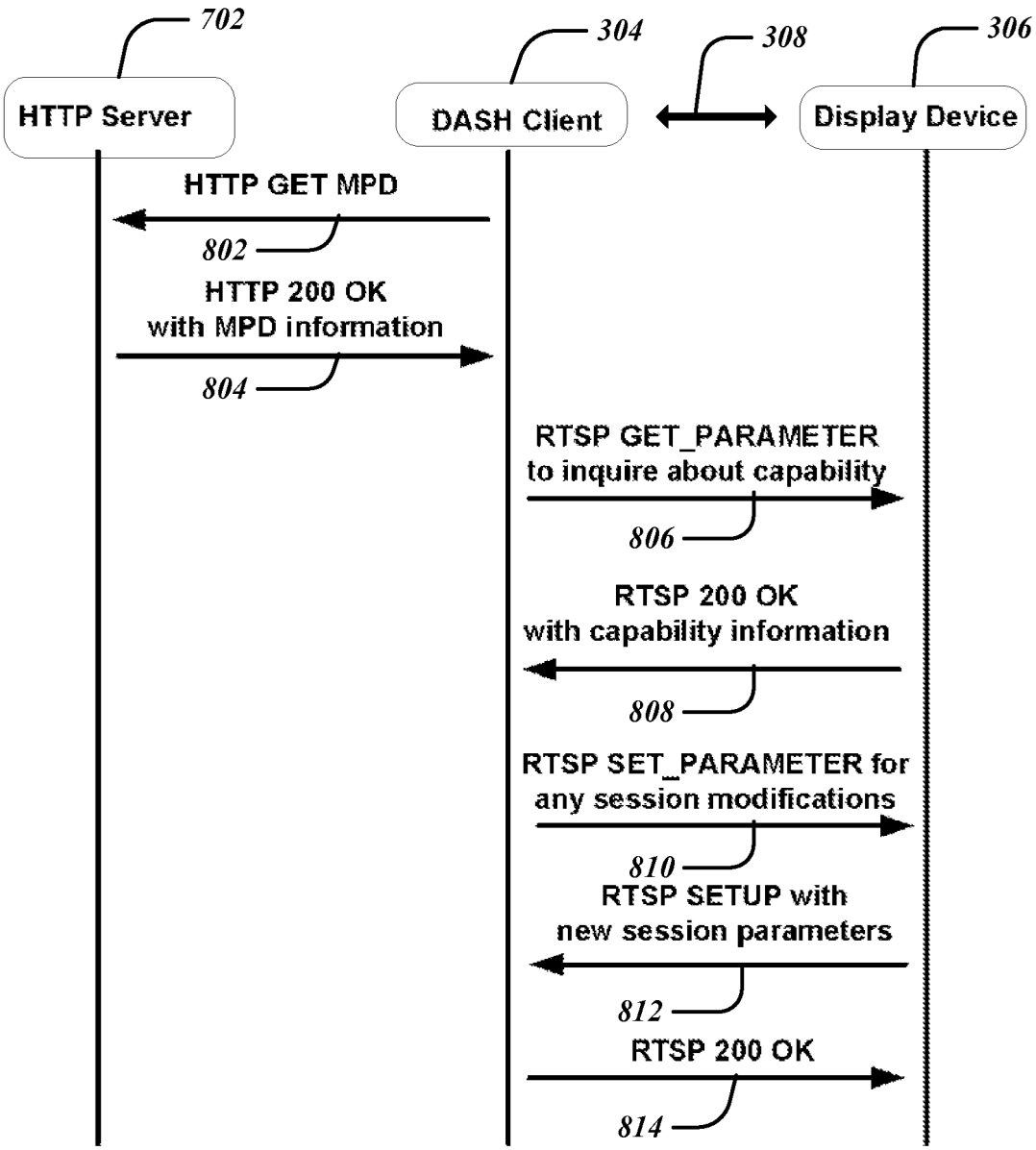

702
304
308
306
HTTP Server
DASH Client
Display Device
HTTP GET MPD
802
HTTP 200 OK
with MPD information
804
RTSP GET_PARAMETER
to inquire about capability
806
RTSP 200 OK
with capability information
808
RTSP SET_PARAMETER for
any session modifications
810
RTSP SETUP with
new session parameters
812
RTSP 200 OK
814

FIG. 8

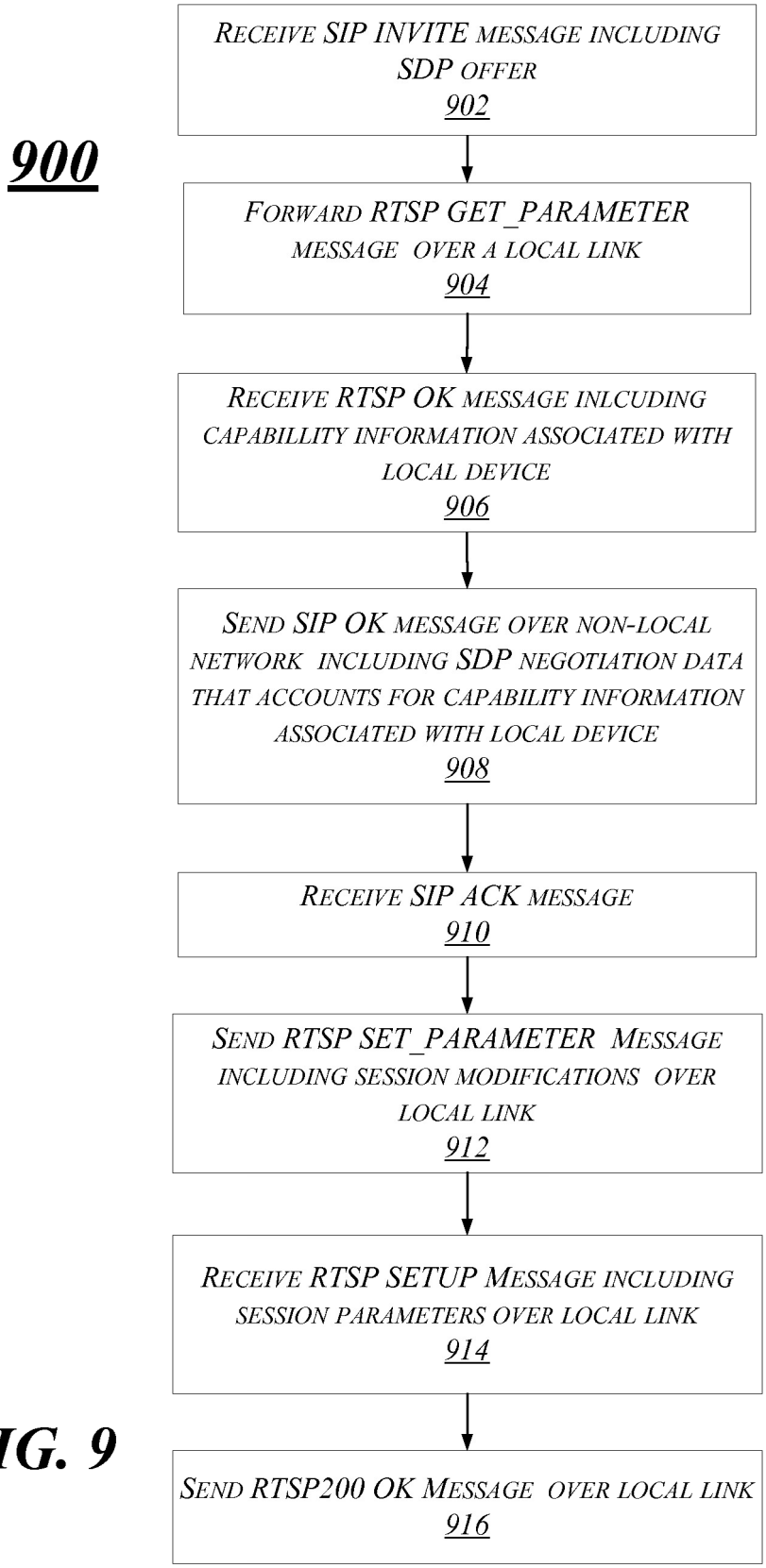

900
RECEIVE SIP INVITE MESSAGE INCLUDING SDP OFFER
902
FORWARD RTSP GET_PARAMETER MESSAGE OVER A LOCAL LINK
904
RECEIVE RTSP OK MESSAGE INLCUDING CAPABILLITY INFORMATION ASSOCIATED WITH LOCAL DEVICE
906
SEND SIP OK MESSAGE OVER NON-LOCAL NETWORK INCLUDING SDP NEGOTIATION DATA THAT ACCOUNTS FOR CAPABILITY INFORMATION ASSOCIATED WITH LOCAL DEVICE
908
RECEIVE SIP ACK MESSAGE
910
SEND RTSP SET_PARAMETER MESSAGE INCLUDING SESSION MODIFICATIONS OVER LOCAL LINK
912
RECEIVE RTSP SETUP MESSAGE INCLUDING SESSION PARAMETERS OVER LOCAL LINK
914
SEND RTSP200 OK MESSAGE OVER LOCAL LINK
916

FIG. 9

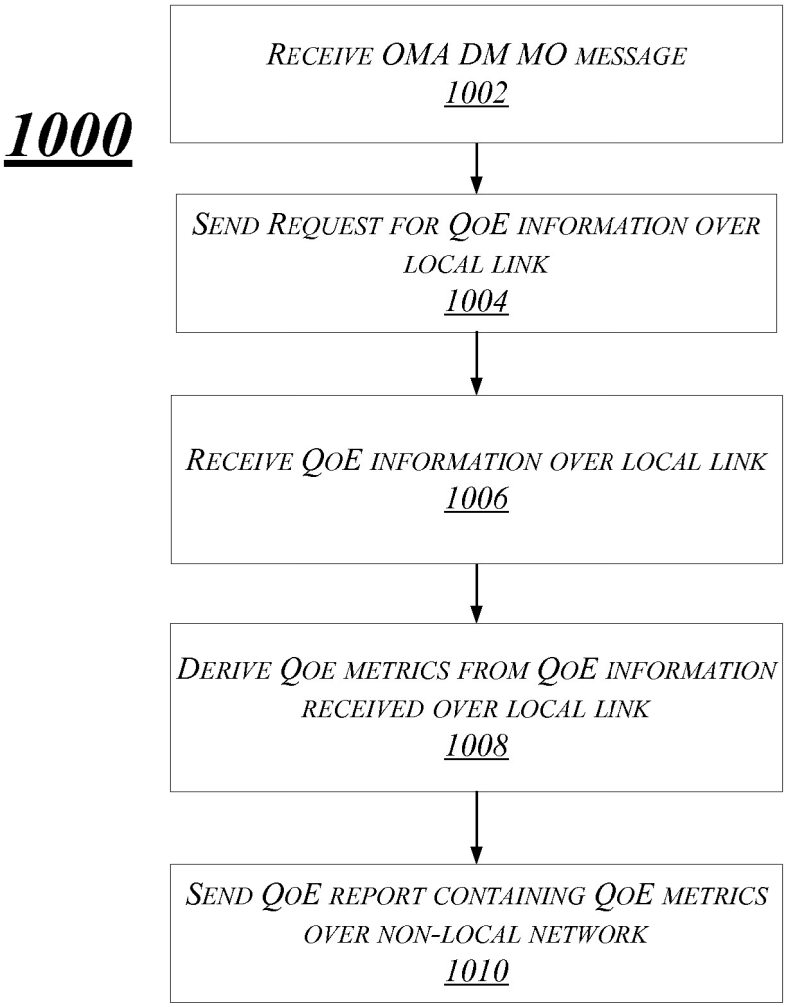

1000
RECEIVE OMA DM MO MESSAGE
1002
SEND REQUEST FOR QOE INFORMATION OVER LOCAL LINK
1004
RECEIVE QOE INFORMATION OVER LOCAL LINK
1006
DERIVE QOE METRICS FROM QOE INFORMATION RECEIVED OVER LOCAL LINK
1008
SEND QOE REPORT CONTAINING QOE METRICS OVER NON-LOCAL NETWORK
1010

FIG. 10

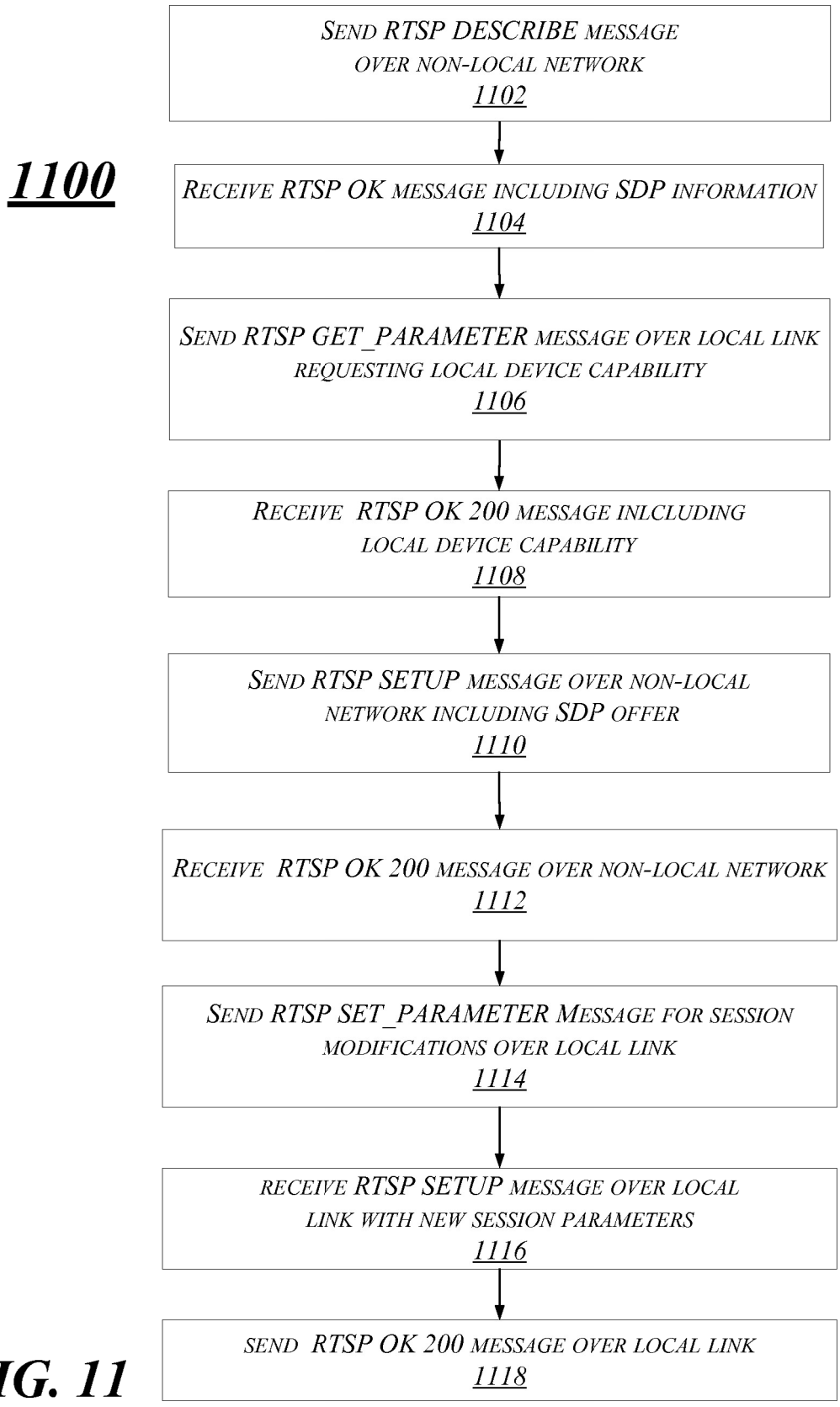

1100
SEND RTSP DESCRIBE MESSAGE OVER NON-LOCAL NETWORK
1102
RECEIVE RTSP OK MESSAGE INCLUDING SDP INFORMATION
1104
SEND RTSP GET_PARAMETER MESSAGE OVER LOCAL LINK REQUESTING LOCAL DEVICE CAPABILITY
1106
RECEIVE RTSP OK 200 MESSAGE INLCUDING LOCAL DEVICE CAPABILITY
1108
SEND RTSP SETUP MESSAGE OVER NON-LOCAL NETWORK INCLUDING SDP OFFER
1110
RECEIVE RTSP OK 200 MESSAGE OVER NON-LOCAL NETWORK
1112
SEND RTSP SET_PARAMETER MESSAGE FOR SESSION MODIFICATIONS OVER LOCAL LINK
1114
RECEIVE RTSP SETUP MESSAGE OVER LOCAL LINK WITH NEW SESSION PARAMETERS
1116
SEND RTSP OK 200 MESSAGE OVER LOCAL LINK
1118

FIG. 11

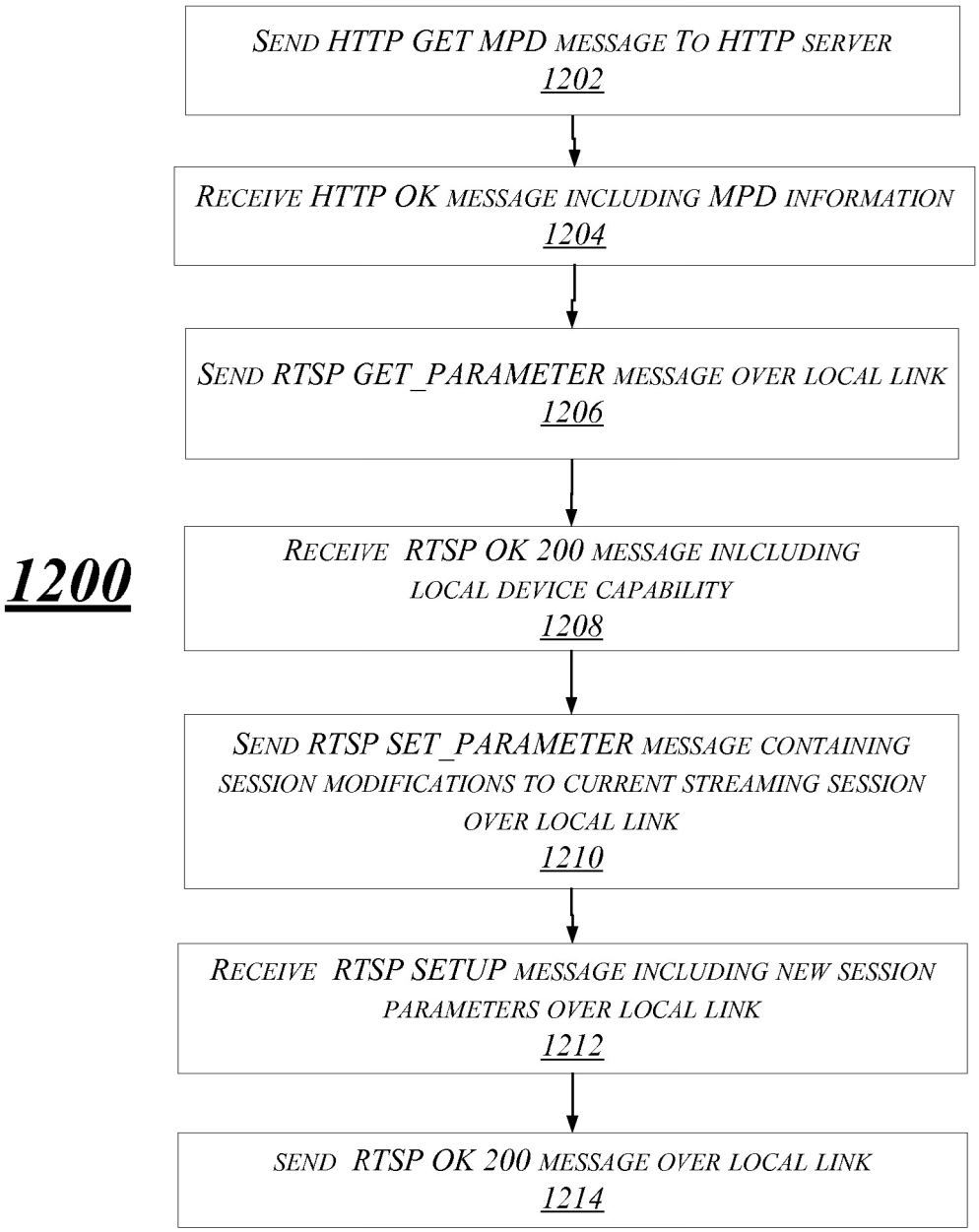

1200
SEND HTTP GET MPD MESSAGE TO HTTP SERVER
1202
RECEIVE HTTP OK MESSAGE INCLUDING MPD INFORMATION
1204
SEND RTSP GET_PARAMETER MESSAGE OVER LOCAL LINK
1206
RECEIVE RTSP OK 200 MESSAGE INLCLUDING LOCAL DEVICE CAPABILITY
1208
SEND RTSP SET_PARAMETER MESSAGE CONTAINING SESSION MODIFICATIONS TO CURRENT STREAMING SESSION OVER LOCAL LINK
1210
RECEIVE RTSP SETUP MESSAGE INCLUDING NEW SESSION PARAMETERS OVER LOCAL LINK
1212
SEND RTSP OK 200 MESSAGE OVER LOCAL LINK
1214

FIG. 12

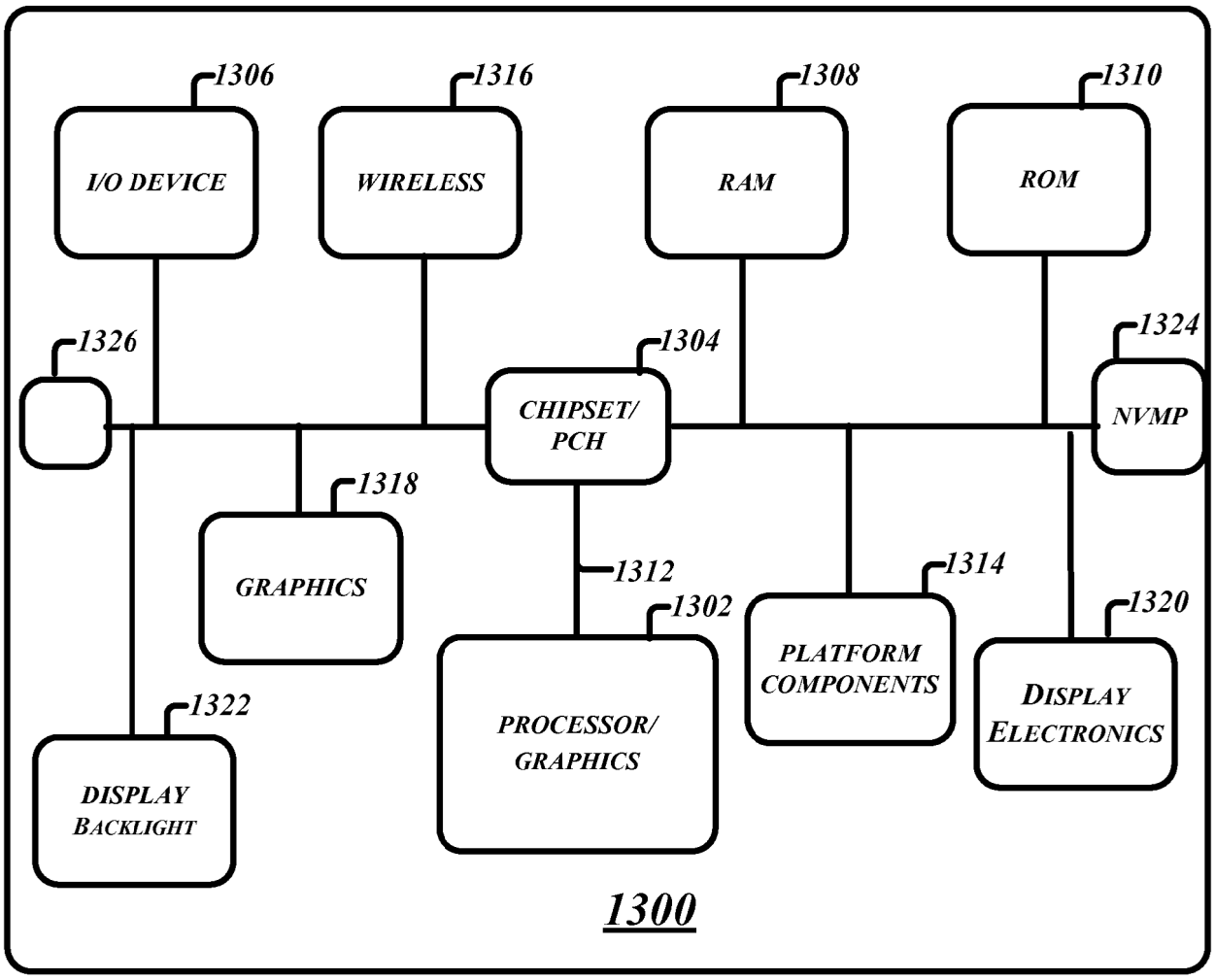
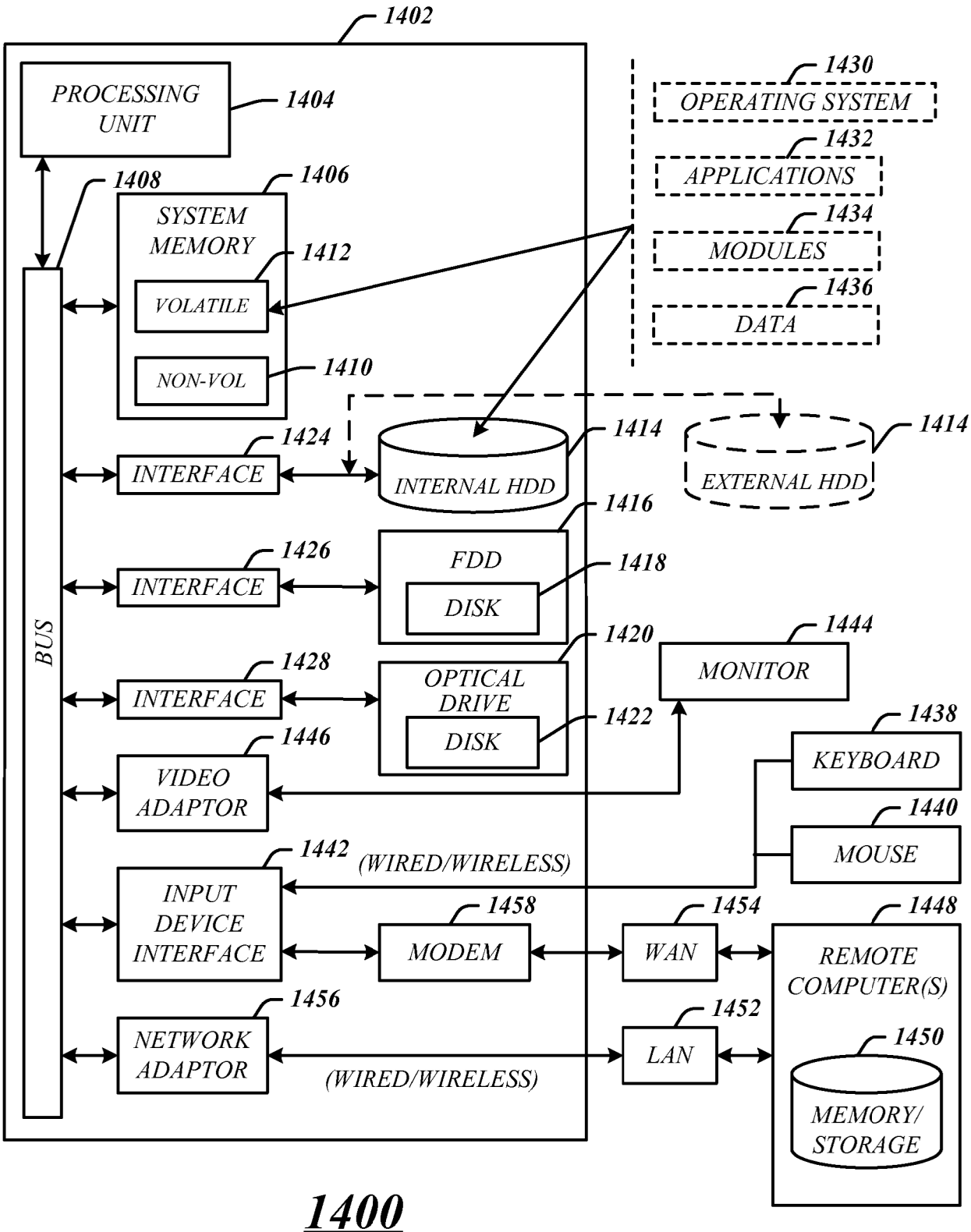

1306
I/O DEVICE
1316
WIRELESS
1308
RAM
1310
ROM
1326
1304
CHIPSET/
PCH
1324
NVMP
1318
GRAPHICS
1312
1302
PROCESSOR/
GRAPHICS
1314
PLATFORM
COMPONENTS
1320
DISPLAY
ELECTRONICS
1322
DISPLAY
BACKLIGHT
1300

FIG. 13


1402
PROCESSING UNIT
1404
1408
1406
SYSTEM MEMORY
1412
VOLATILE
NON-VOL
1410
1430
OPERATING SYSTEM
1432
APPLICATIONS
1434
MODULES
1436
DATA
1424
INTERFACE
INTERNAL HDD
1414
EXTERNAL HDD
1414
1416
1426
INTERFACE
FDD
DISK
1418
1420
1444
MONITOR
1428
INTERFACE
OPTICAL DRIVE
DISK
1422
1438
KEYBOARD
1446
VIDEO ADAPTOR
1440
MOUSE
1442
(WIRED/WIRELESS)
INPUT DEVICE INTERFACE
1458
MODEM
1454
WAN
1448
REMOTE COMPUTER(S)
1456
NETWORK ADAPTOR
1452
LAN
1450
MEMORY/ STORAGE
(WIRED/WIRELESS)
BUS

1400

FIG. 14