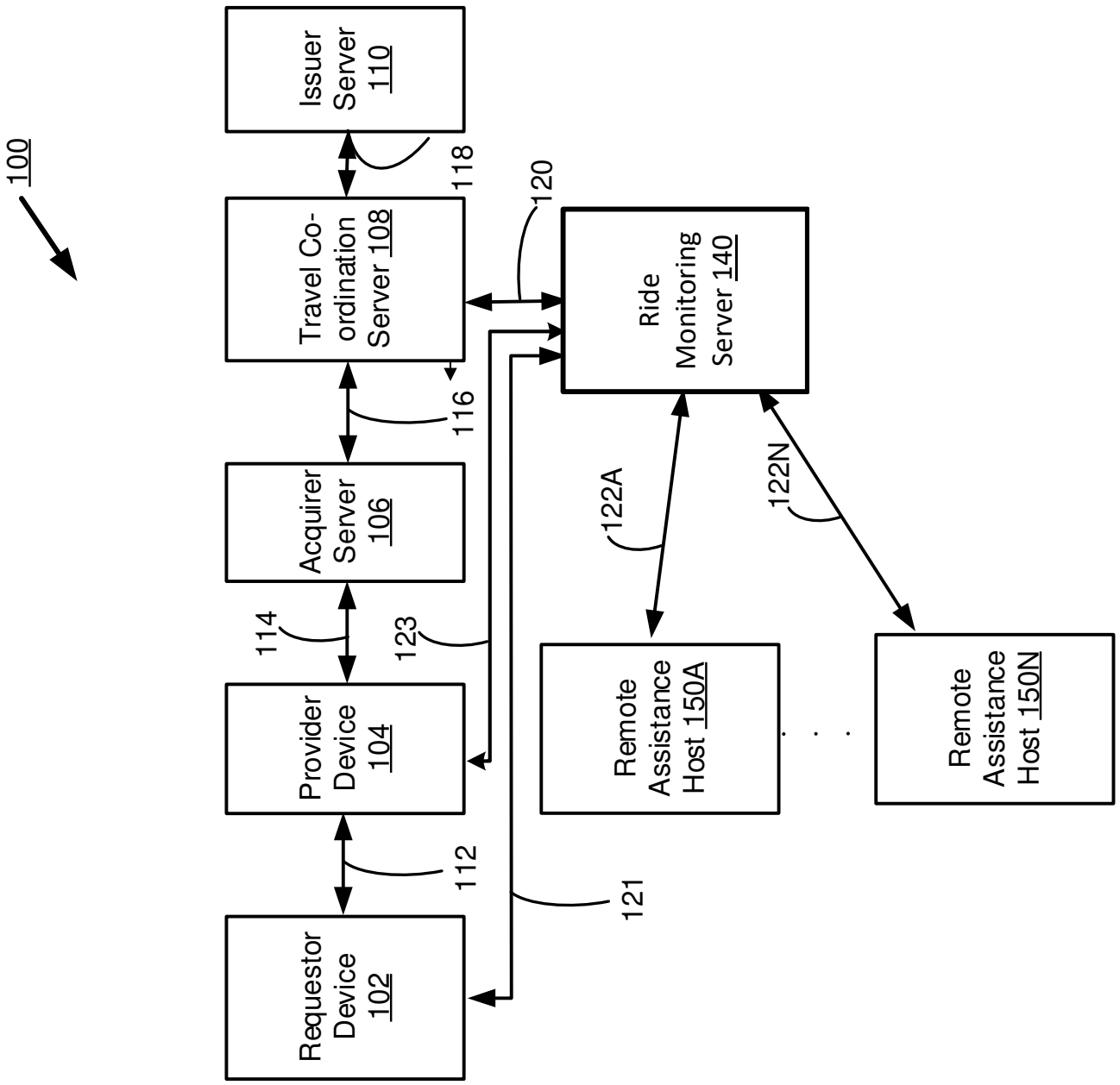
100
Issuer Server 110
Travel Co-ordination Server 108
Acquirer Server 106
Provider Device 104
Requestor Device 102
Ride Monitoring Server 140
Remote Assistance Host 150A
Remote Assistance Host 150N
112
114
116
118
120
121
122A
122N
123

Fig. 1

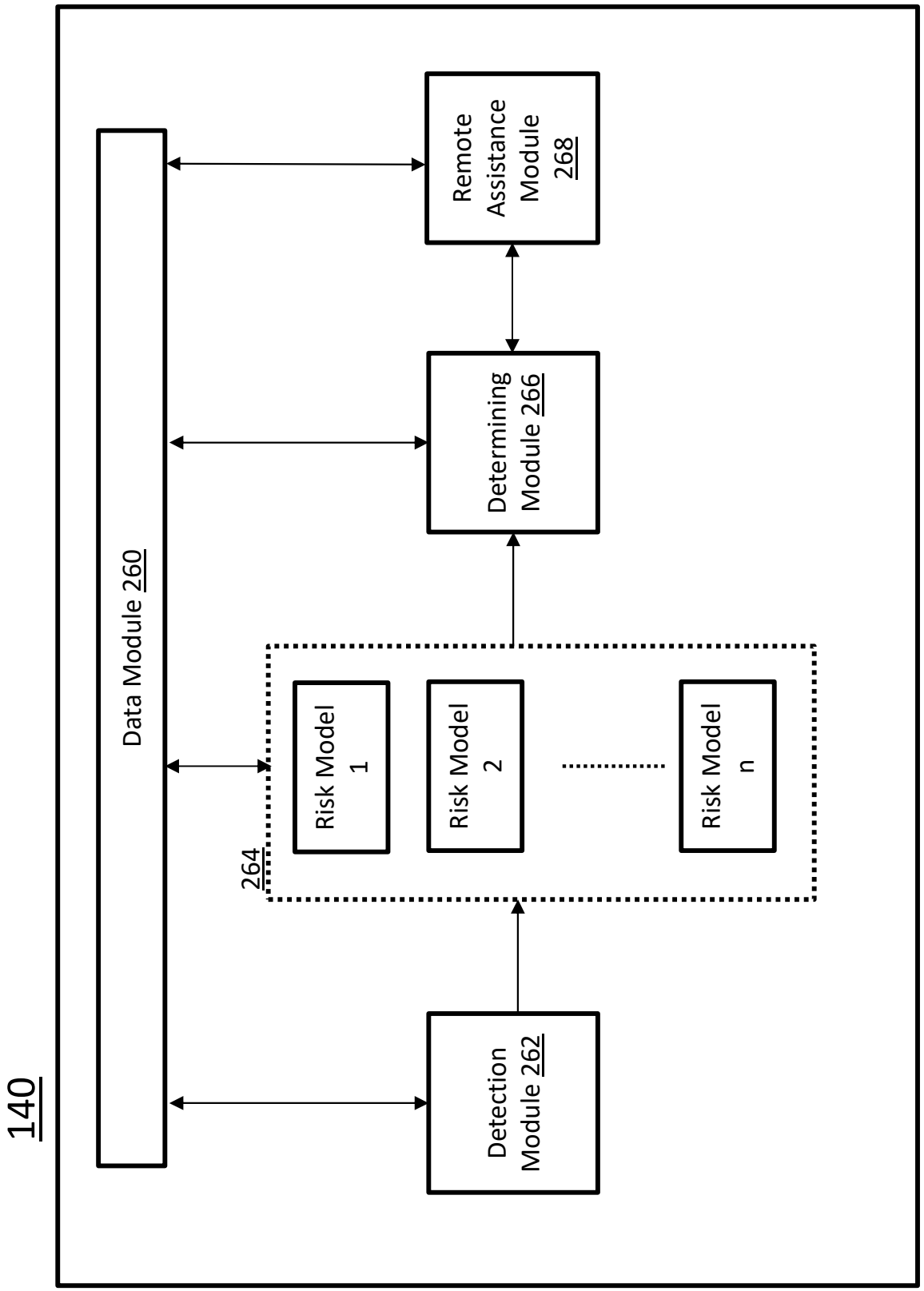
140
Data Module 260
Remote Assistance Module 268
Determining Module 266
264
Risk Model 1
Risk Model 2
Risk Model n
Detection Module 262

FIG. 2

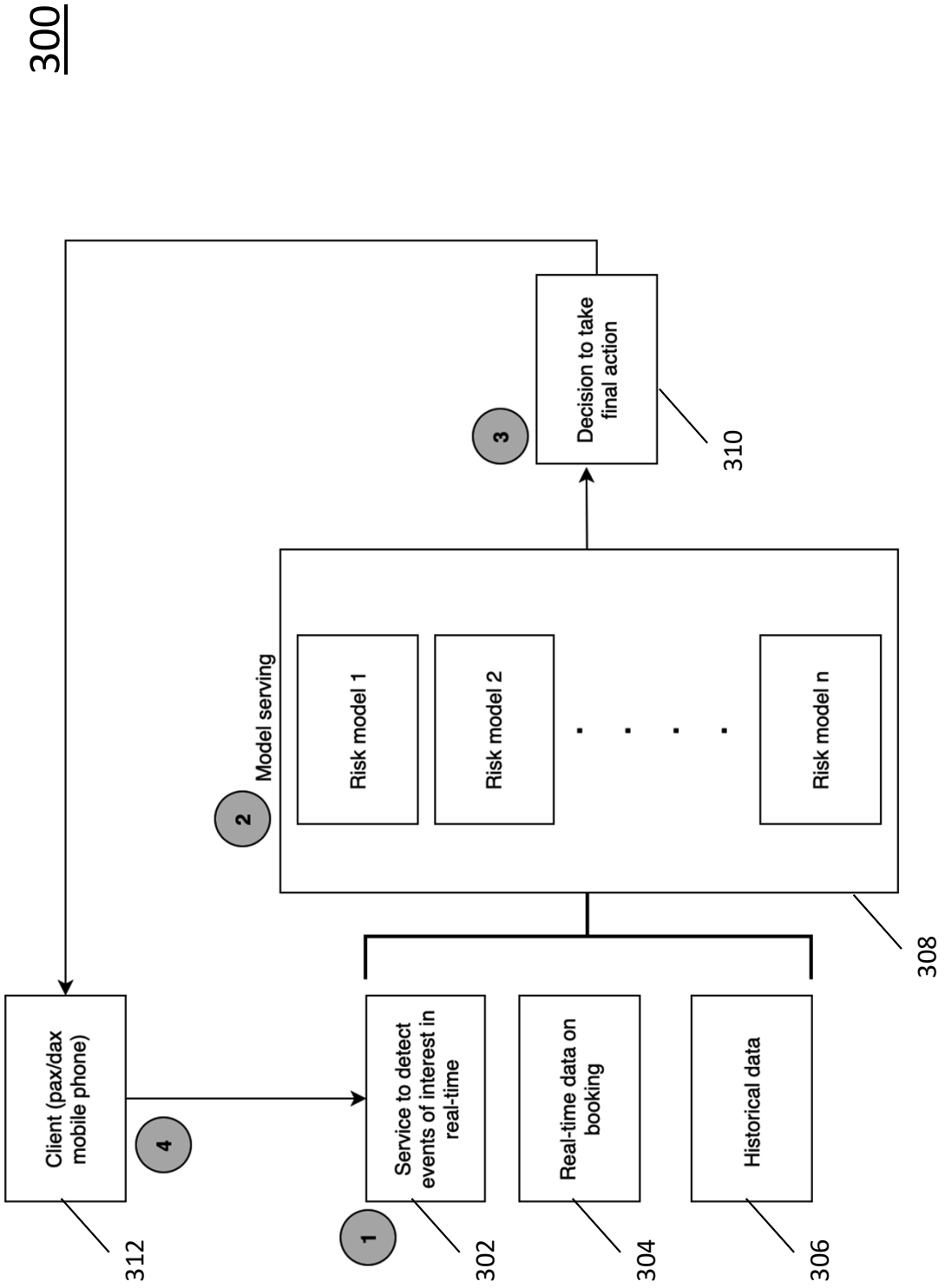
300
Client (pax/dax mobile phone)
312
4
1
Service to detect events of interest in real-time
302
Real-time data on booking
304
Historical data
306
308
2
Model serving
Risk model 1
Risk model 2
Risk model n
3
Decision to take final action
310

FIG. 3

400

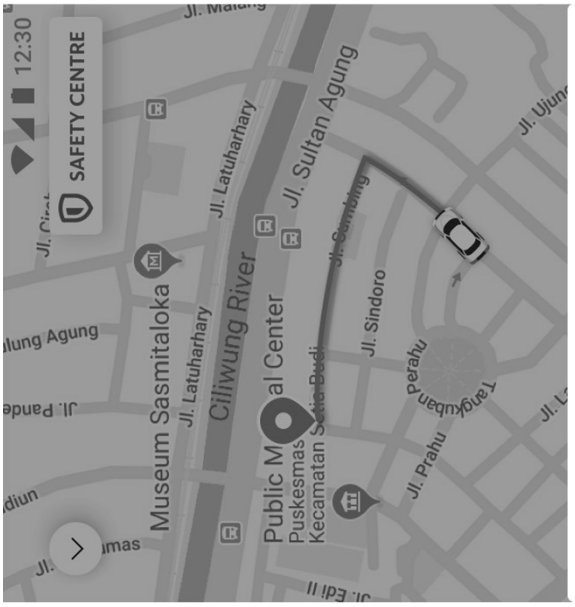
12:30
SAFETY CENTRE
Jl. Latuharhary
Jl. Sultan Agung
Ciliwung River
Museum Sasmitaloka
Public M
al Center
Puskesmas
Kecamatan
Jl. Sindoro
Jl. Prahu
Perahu
Tangkuban
Unplanned Stop?
7 Aug 2019, 15:34
Looks like you've stopped for a while. Is everything ok?
I'm OK
I Need Help
402
404

FIG. 4

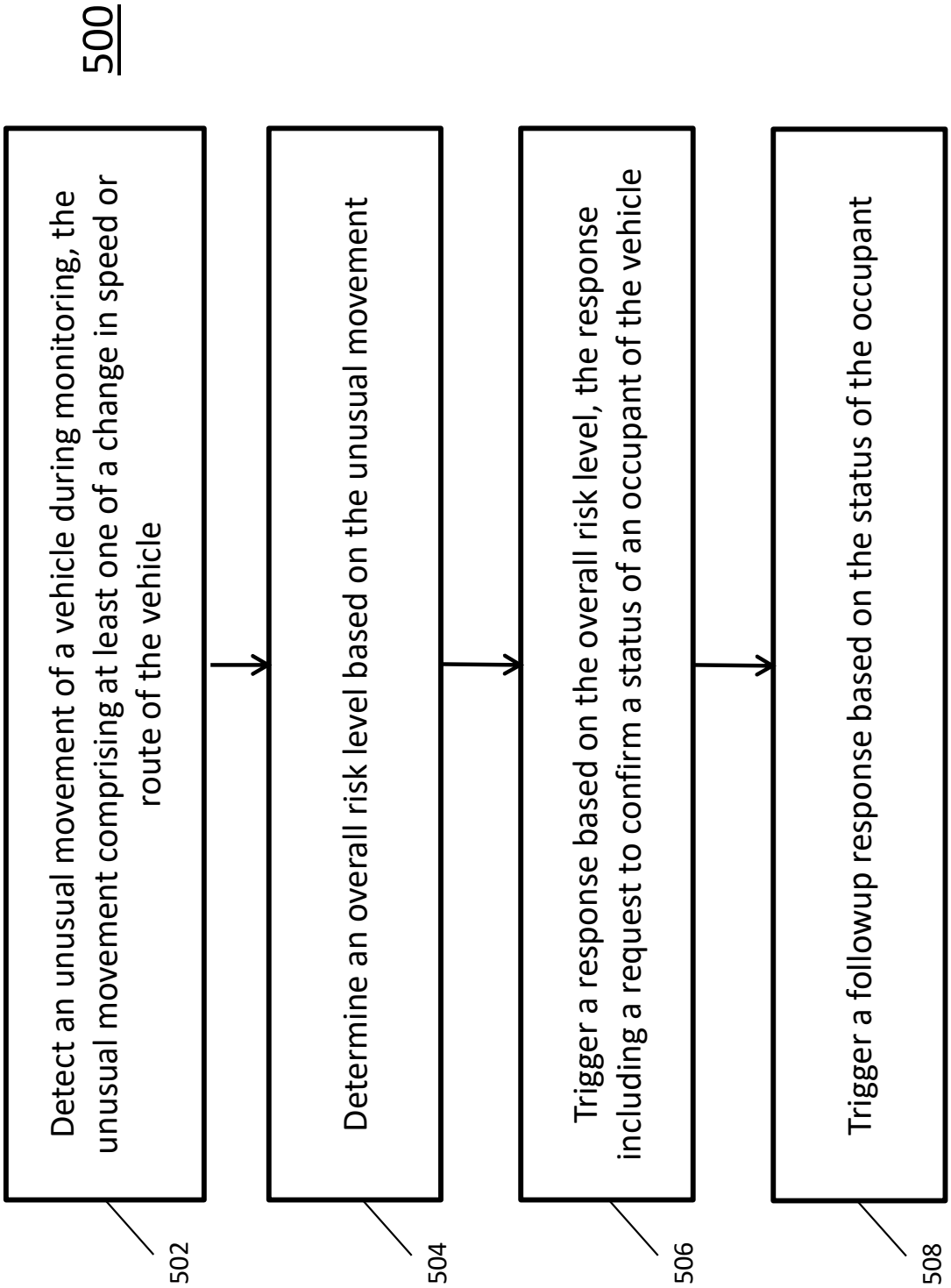
500
Detect an unusual movement of a vehicle during monitoring, the unusual movement comprising at least one of a change in speed or route of the vehicle
502
Determine an overall risk level based on the unusual movement
504
Trigger a response based on the overall risk level, the response including a request to confirm a status of an occupant of the vehicle
506
Trigger a followup response based on the status of the occupant
508

Fig. 5

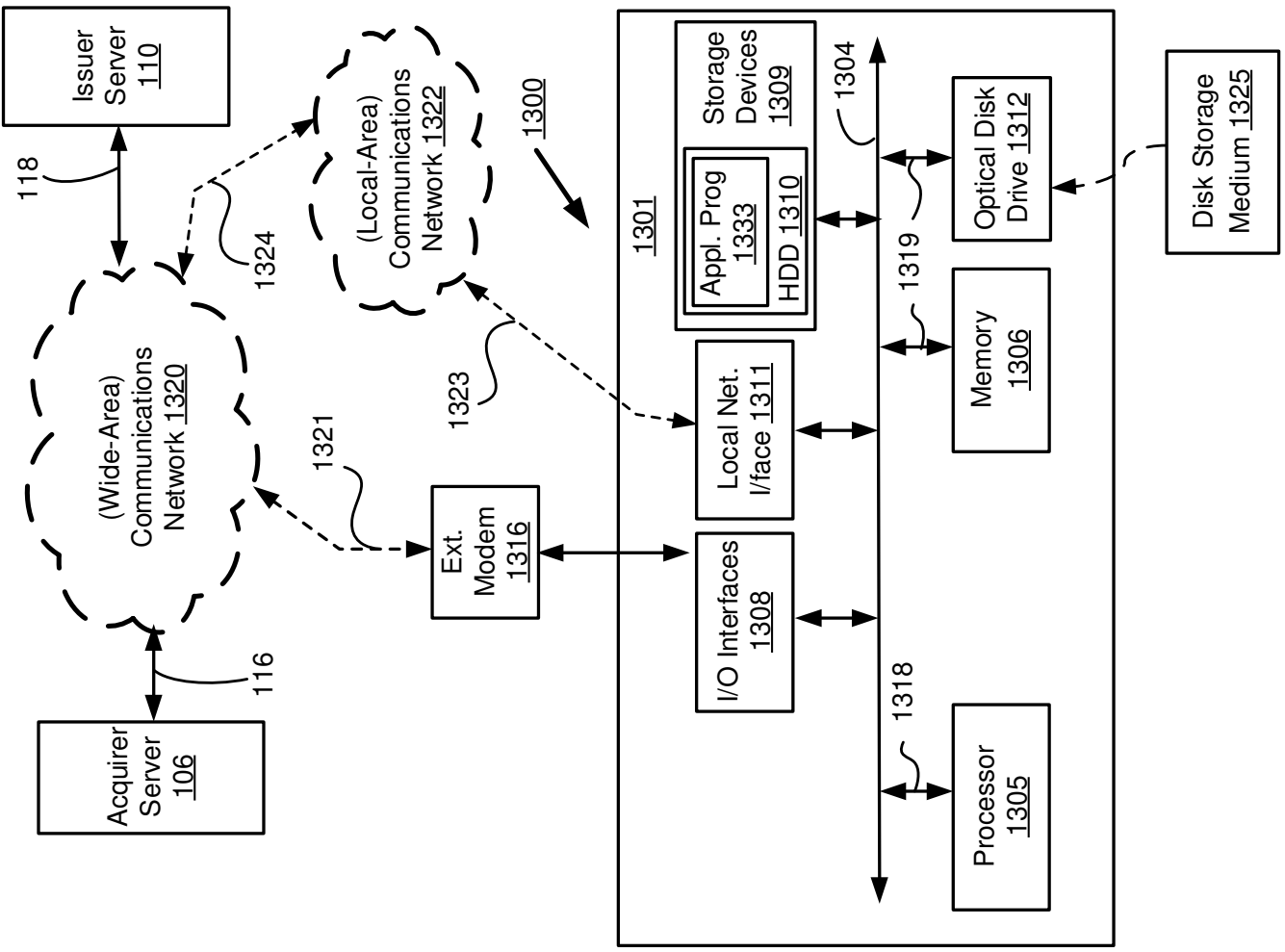
Issuer Server 110
118
(Wide-Area) Communications Network 1320
1324
(Local-Area) Communications Network 1322
1300
1301
Storage Devices 1309
Appl. Prog 1333
HDD 1310
1304
1319
Optical Disk Drive 1312
Disk Storage Medium 1325
1321
1323
Ext. Modem 1316
Local Net. I/face 1311
Memory 1306
I/O Interfaces 1308
1318
Processor 1305
116
Acquirer Server 106

Fig. 6A

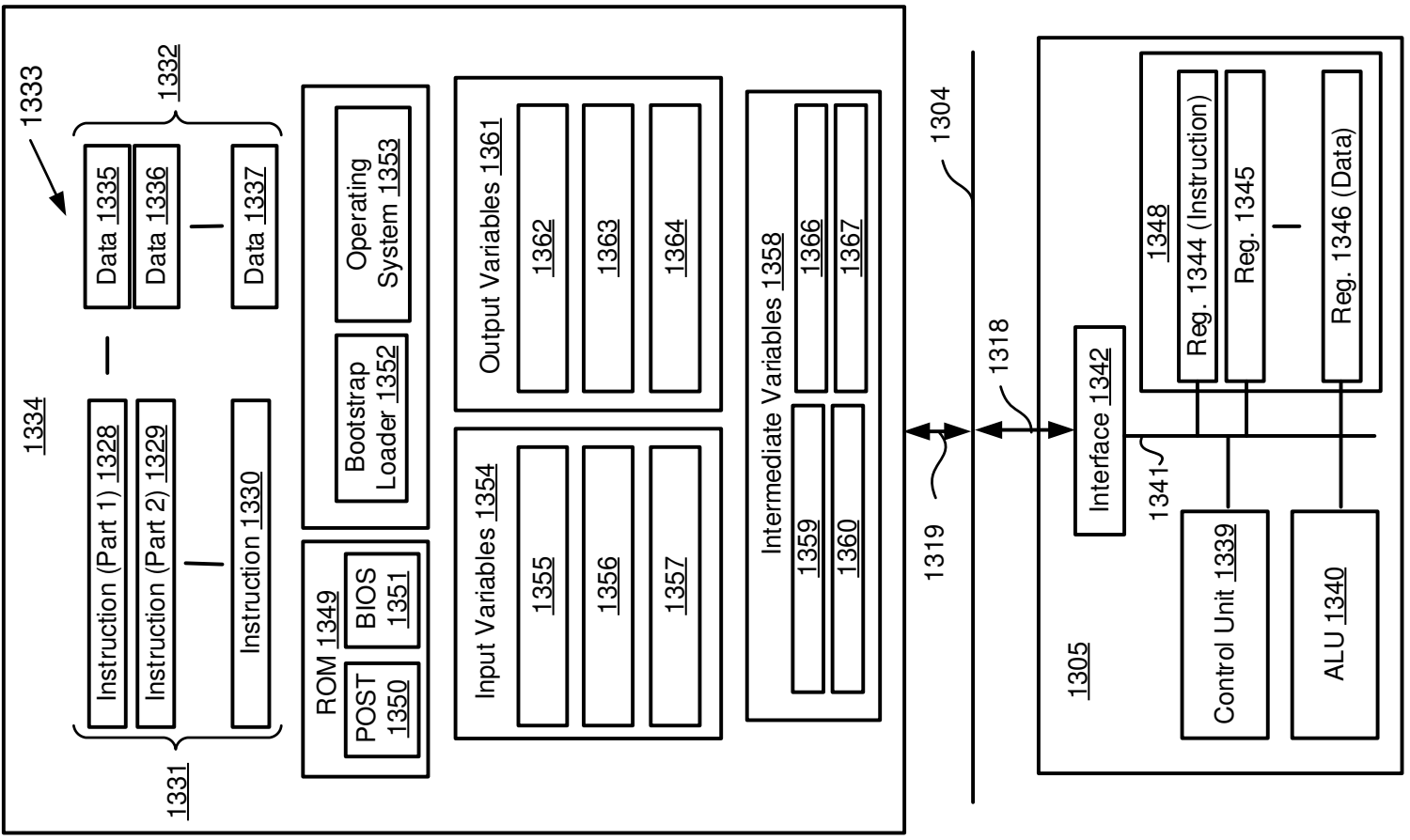
1333
1332
1334
Data 1335
Data 1336
Data 1337
Instruction (Part 1) 1328
Instruction (Part 2) 1329
Instruction 1330
1331
ROM 1349
POST 1350
BIOS 1351
Bootstrap Loader 1352
Operating System 1353
Input Variables 1354
1355
1356
1357
Output Variables 1361
1362
1363
1364
Intermediate Variables 1358
1359
1360
1366
1367
1319
1318
1304
1305
Interface 1342
1341
1348
Reg. 1344 (Instruction)
Reg. 1345
Reg. 1346 (Data)
Control Unit 1339
ALU 1340

Fig. 6B

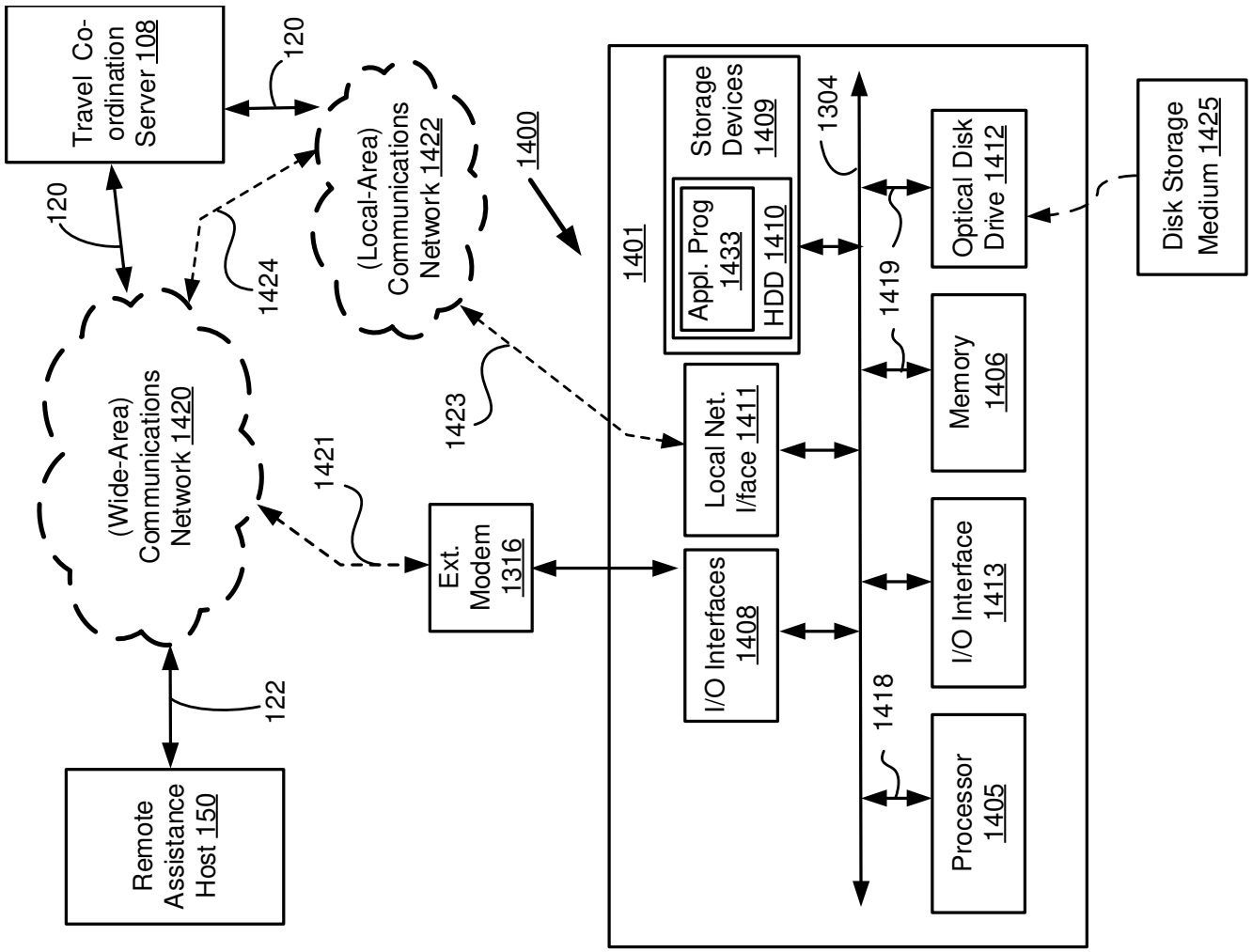
Travel Co-ordination Server 108
120
120
(Local-Area) Communications Network 1422
1400
1424
(Wide-Area) Communications Network 1420
1401
Storage Devices 1409
Appl. Prog 1433
HDD 1410
1304
1423
1421
Local Net. I/face 1411
Optical Disk Drive 1412
Disk Storage Medium 1425
1419
Memory 1406
Ext. Modem 1316
I/O Interfaces 1408
I/O Interface 1413
122
1418
Remote Assistance Host 150
Processor 1405

Fig. 6C

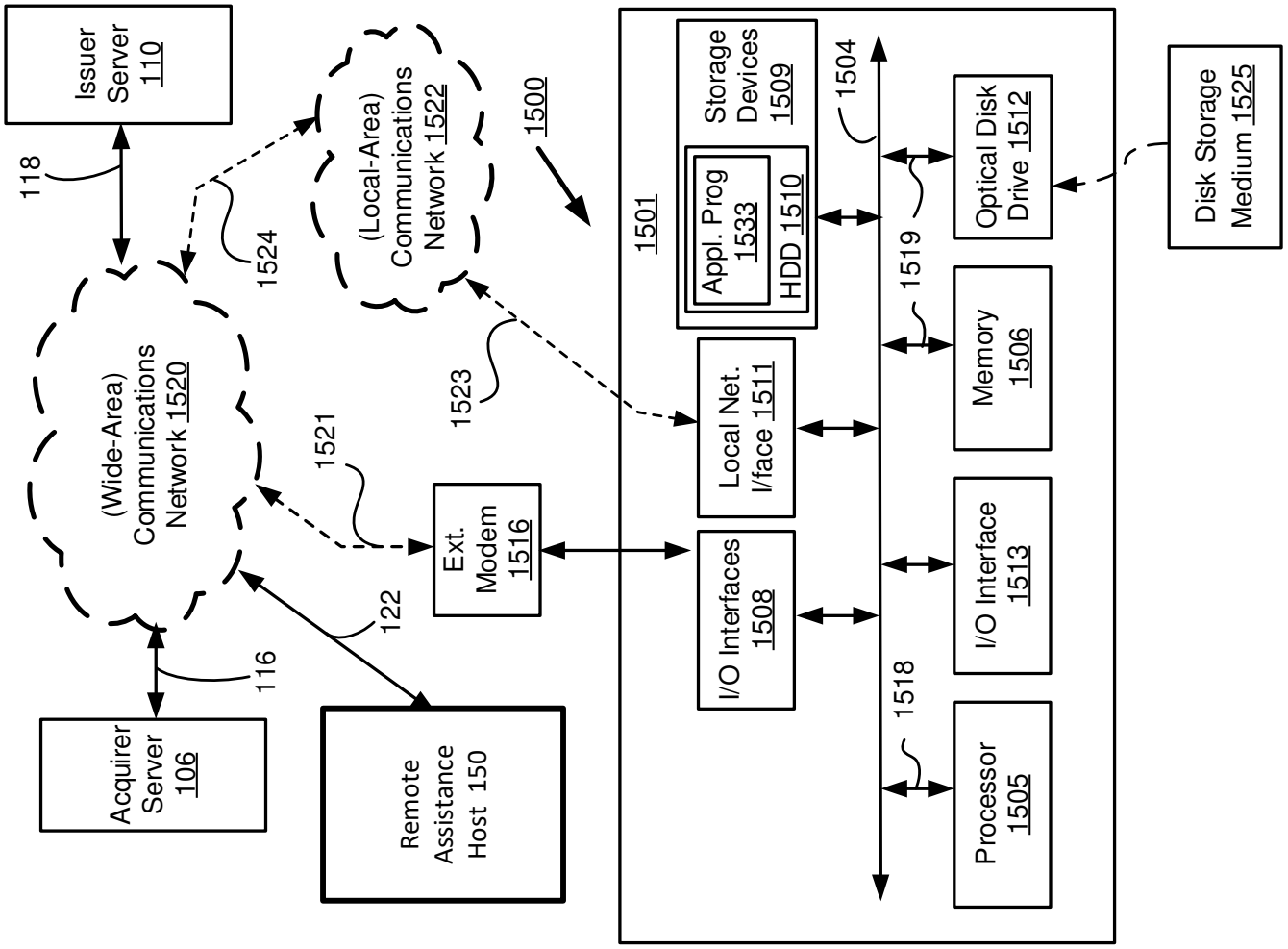
Issuer Server 110
118
(Local-Area) Communications Network 1522
1524
1500
1501
Storage Devices 1509
Appl. Prog 1533
HDD 1510
1504
Optical Disk Drive 1512
Disk Storage Medium 1525
(Wide-Area) Communications Network 1520
1521
1523
Local Net. I/face 1511
1519
Memory 1506
Ext. Modem 1516
122
I/O Interfaces 1508
I/O Interface 1513
116
1518
Acquirer Server 106
Remote Assistance Host 150
Processor 1505

Fig. 6D

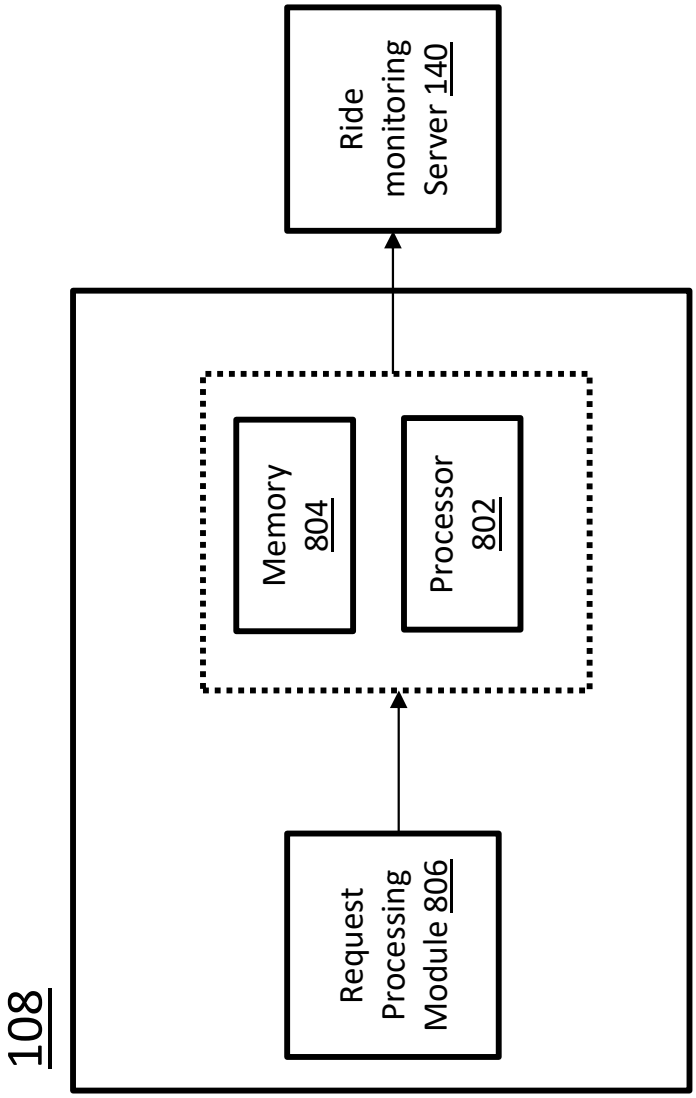
Ride monitoring Server 140
Memory 804
Processor 802
Request Processing Module 806
108

Fig. 7

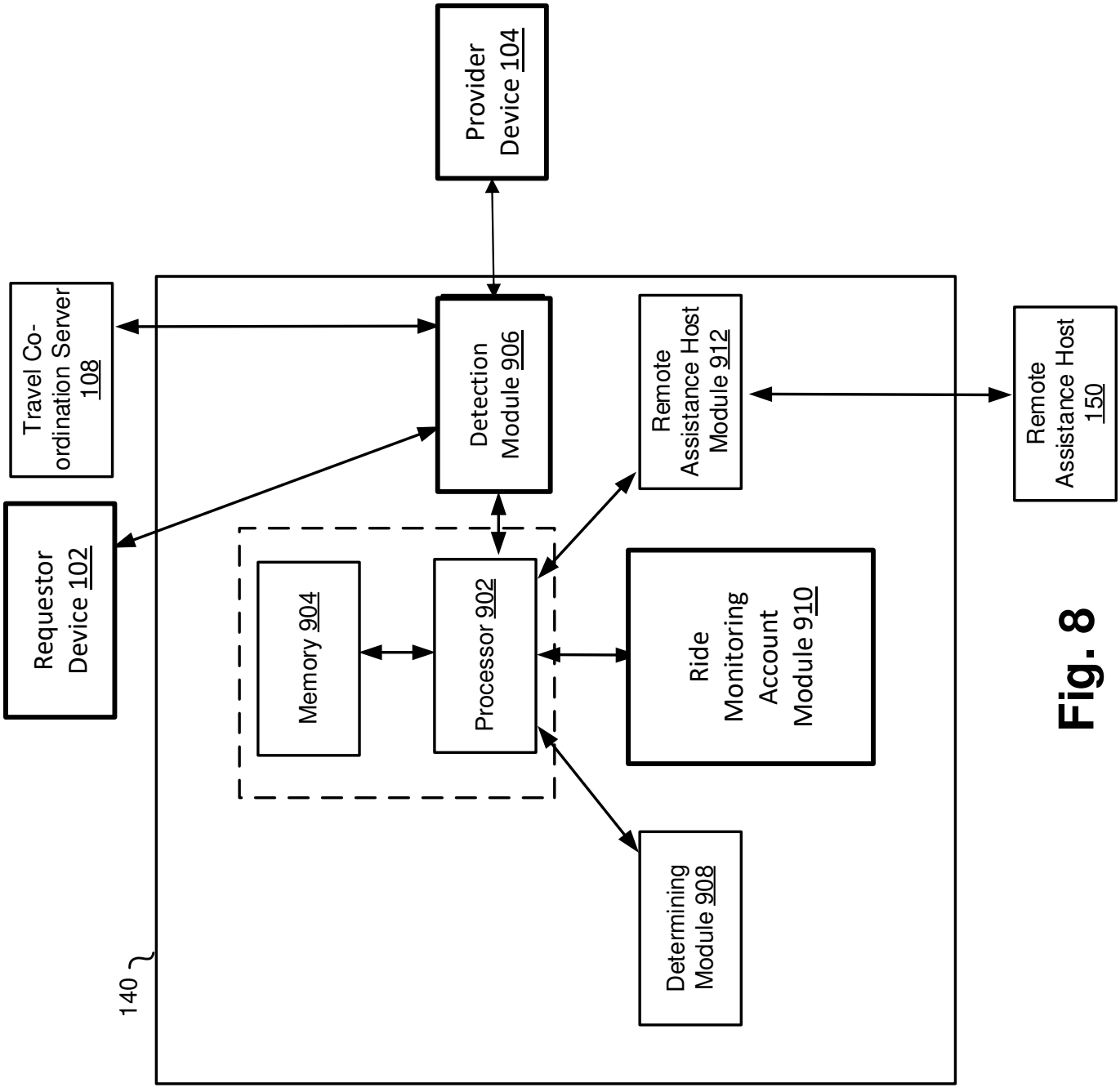
Provider Device 104
Travel Co-ordination Server 108
Requestor Device 102
Detection Module 906
Remote Assistance Host Module 912
Remote Assistance Host 150
Memory 904
Processor 902
Ride Monitoring Account Module 910
Determining Module 908
140

Fig. 8

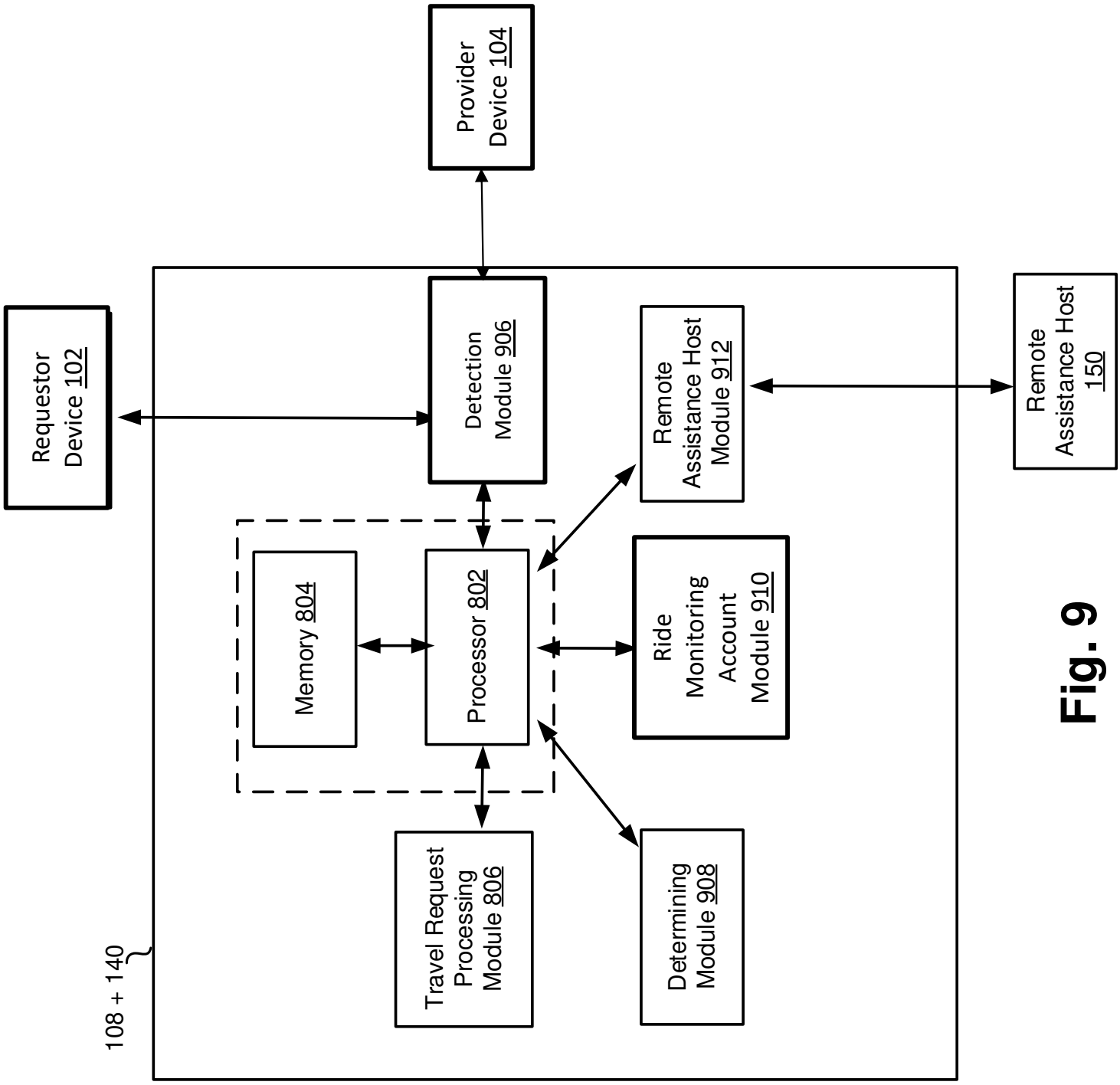
Provider Device 104
Requestor Device 102
Detection Module 906
Remote Assistance Host Module 912
Remote Assistance Host 150
Memory 804
Processor 802
Ride Monitoring Account Module 910
Travel Request Processing Module 806
Determining Module 908
108 + 140

Fig. 9