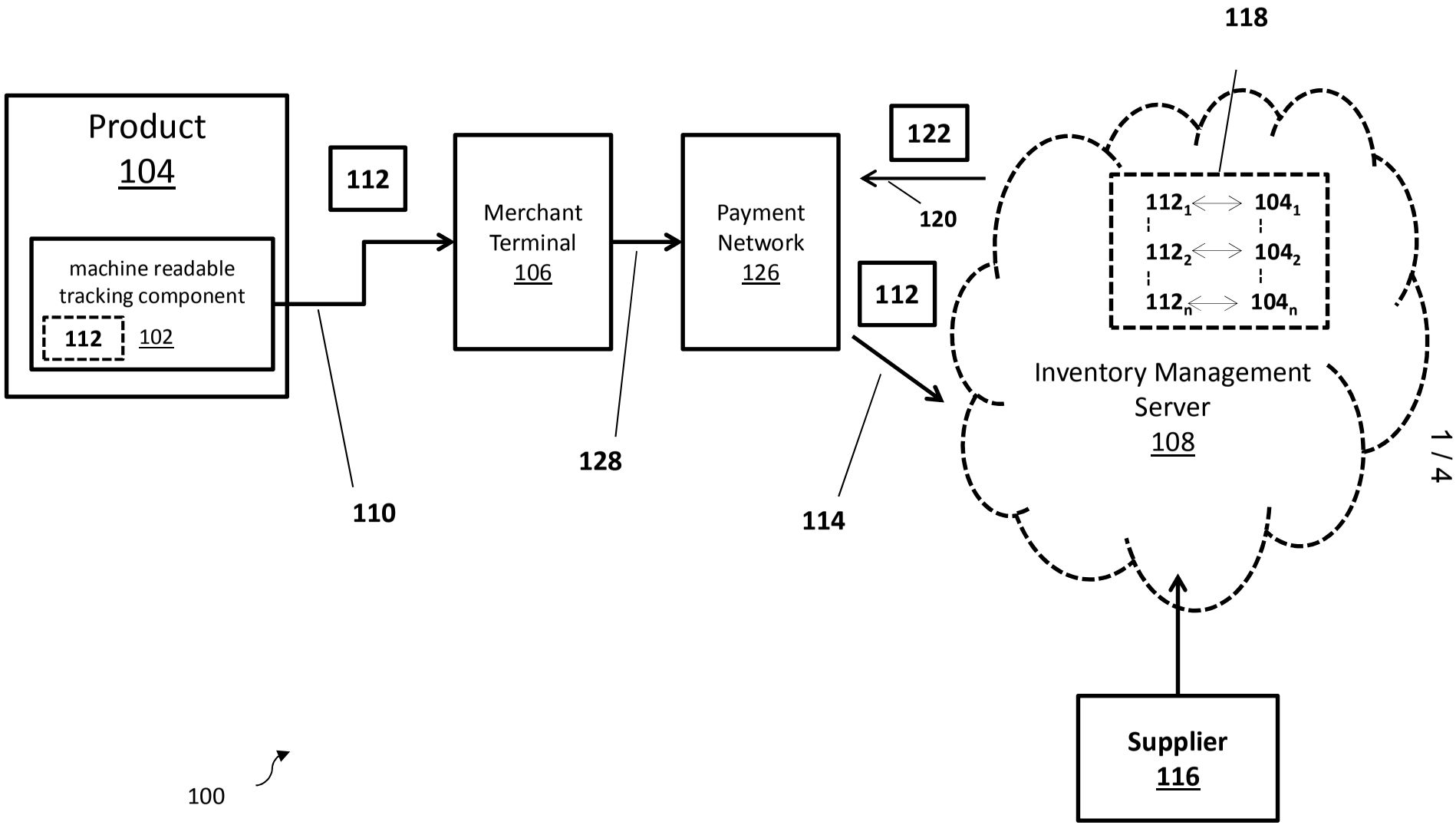

118
Product
104
machine readable
tracking component
112
102
112
Merchant
Terminal
106
Payment
Network
126
122
120
112
112_1 104_1
112_2 104_2
112_n 104_n
Inventory Management
Server
108
110
128
114
Supplier
116
100

Figure 1

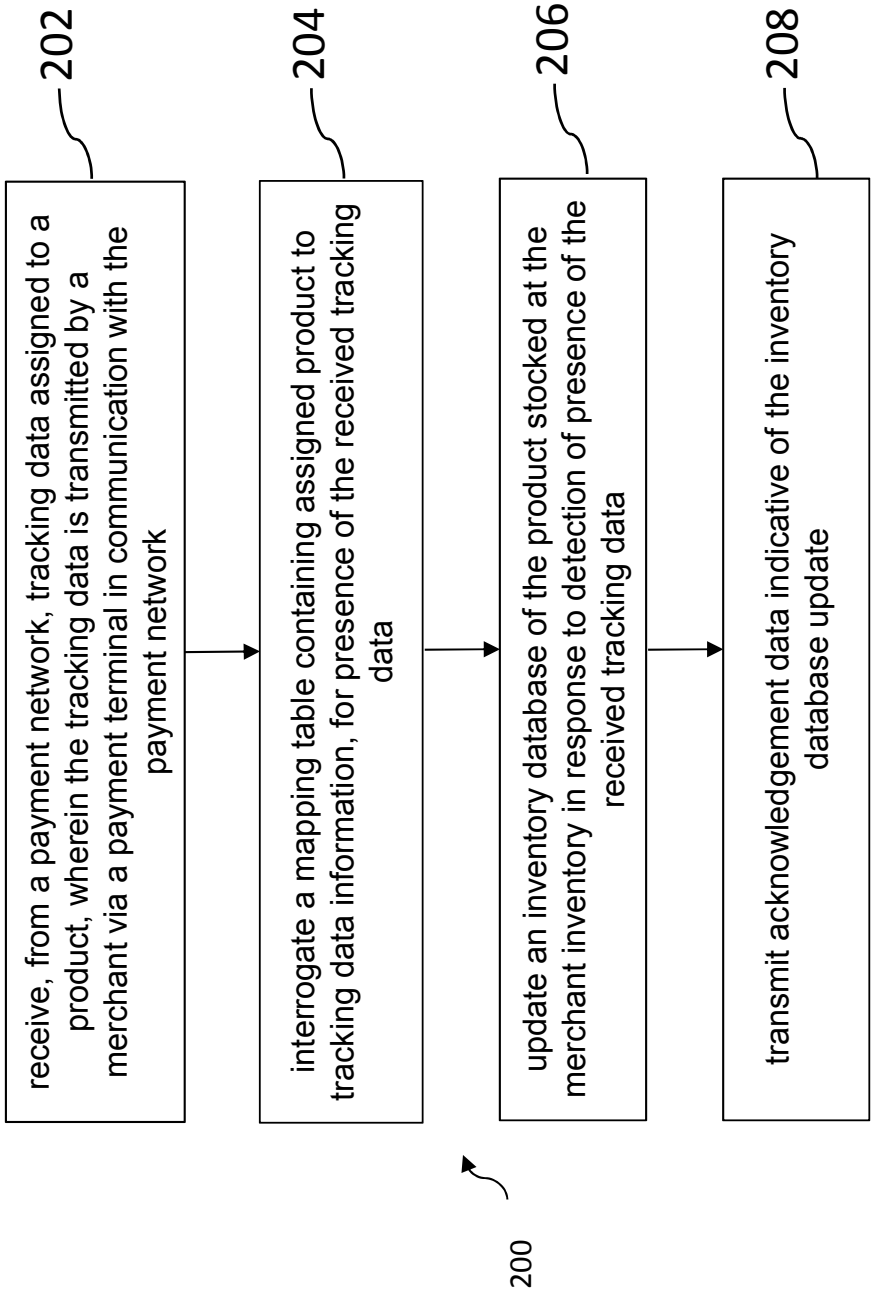

202
receive, from a payment network, tracking data assigned to a product, wherein the tracking data is transmitted by a merchant via a payment terminal in communication with the payment network
204
interrogate a mapping table containing assigned product to tracking data information, for presence of the received tracking data
206
update an inventory database of the product stocked at the merchant inventory in response to detection of presence of the received tracking data
208
transmit acknowledgement data indicative of the inventory database update
200

Figure 2

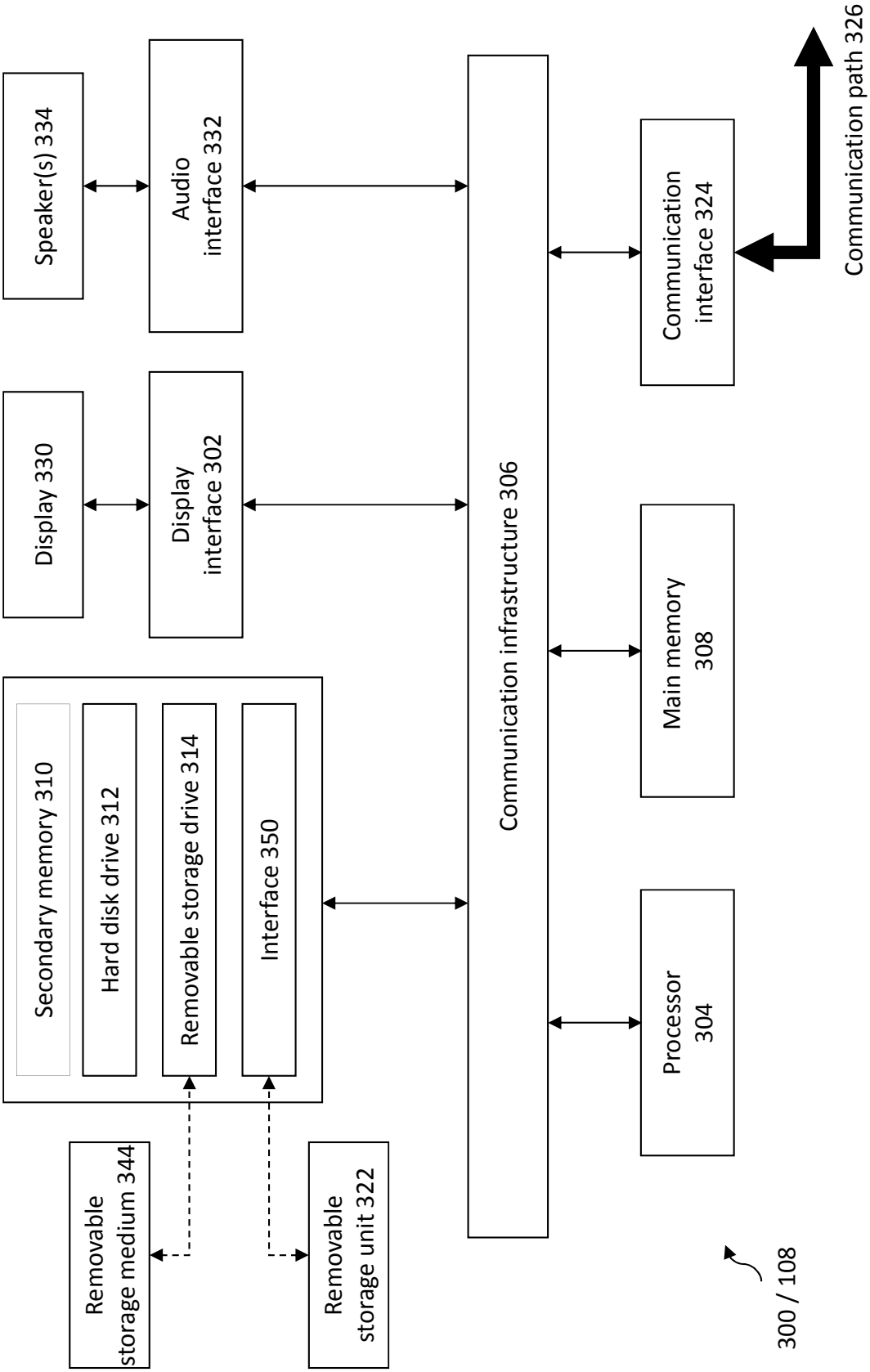

Speaker(s) 334
Audio interface 332
Display 330
Display interface 302
Communication infrastructure 306
Communication interface 324
Communication path 326
Secondary memory 310
Hard disk drive 312
Removable storage drive 314
Interface 350
Main memory 308
Processor 304
Removable storage medium 344
Removable storage unit 322
300 / 108

Figure 3

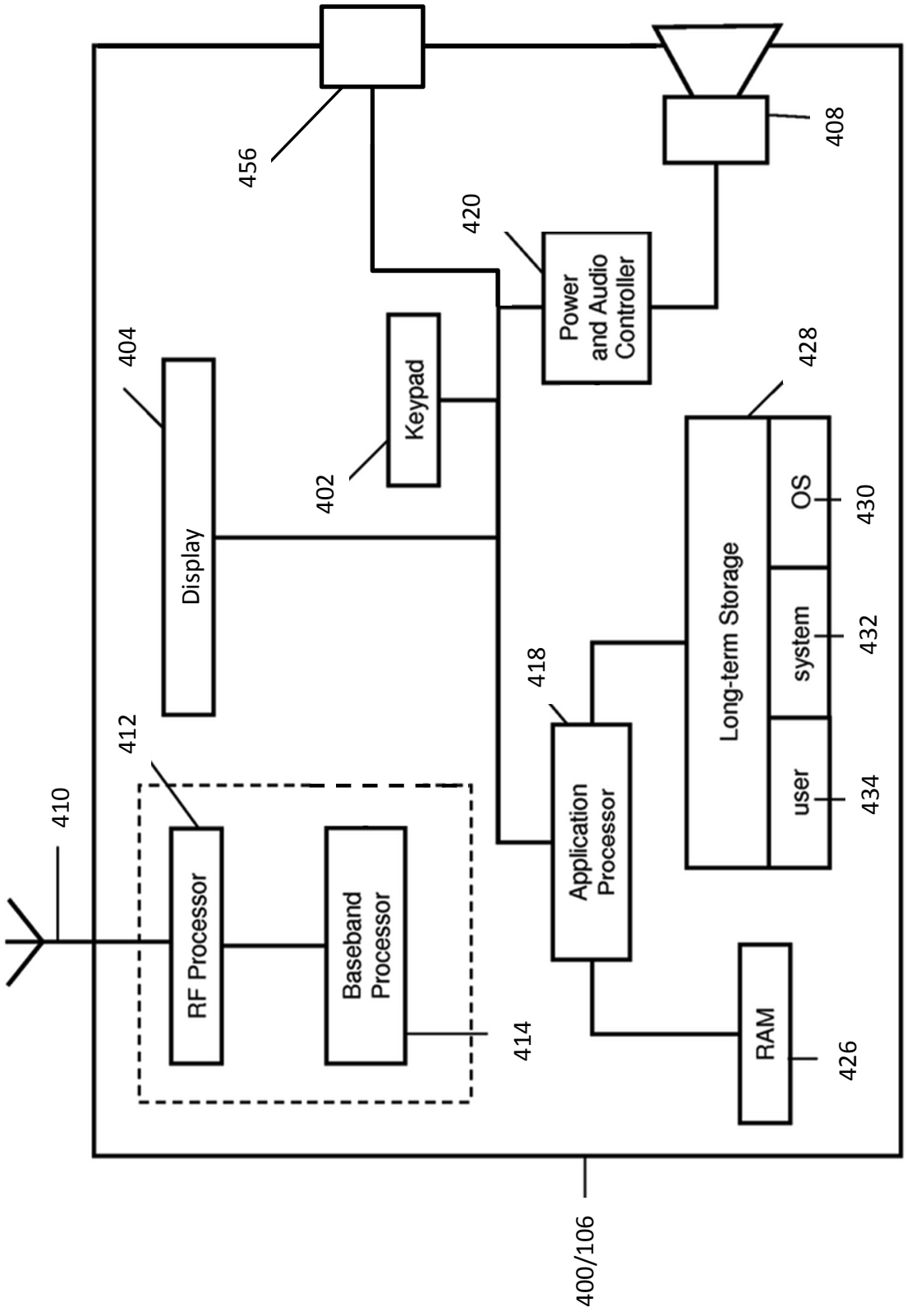

400/106
410
412
RF Processor
Baseband Processor
414
404
Display
402
Keypad
456
420
Power and Audio Controller
408
418
Application Processor
428
Long-term Storage
OS
430
system
432
user
434
RAM
426

Figure 4