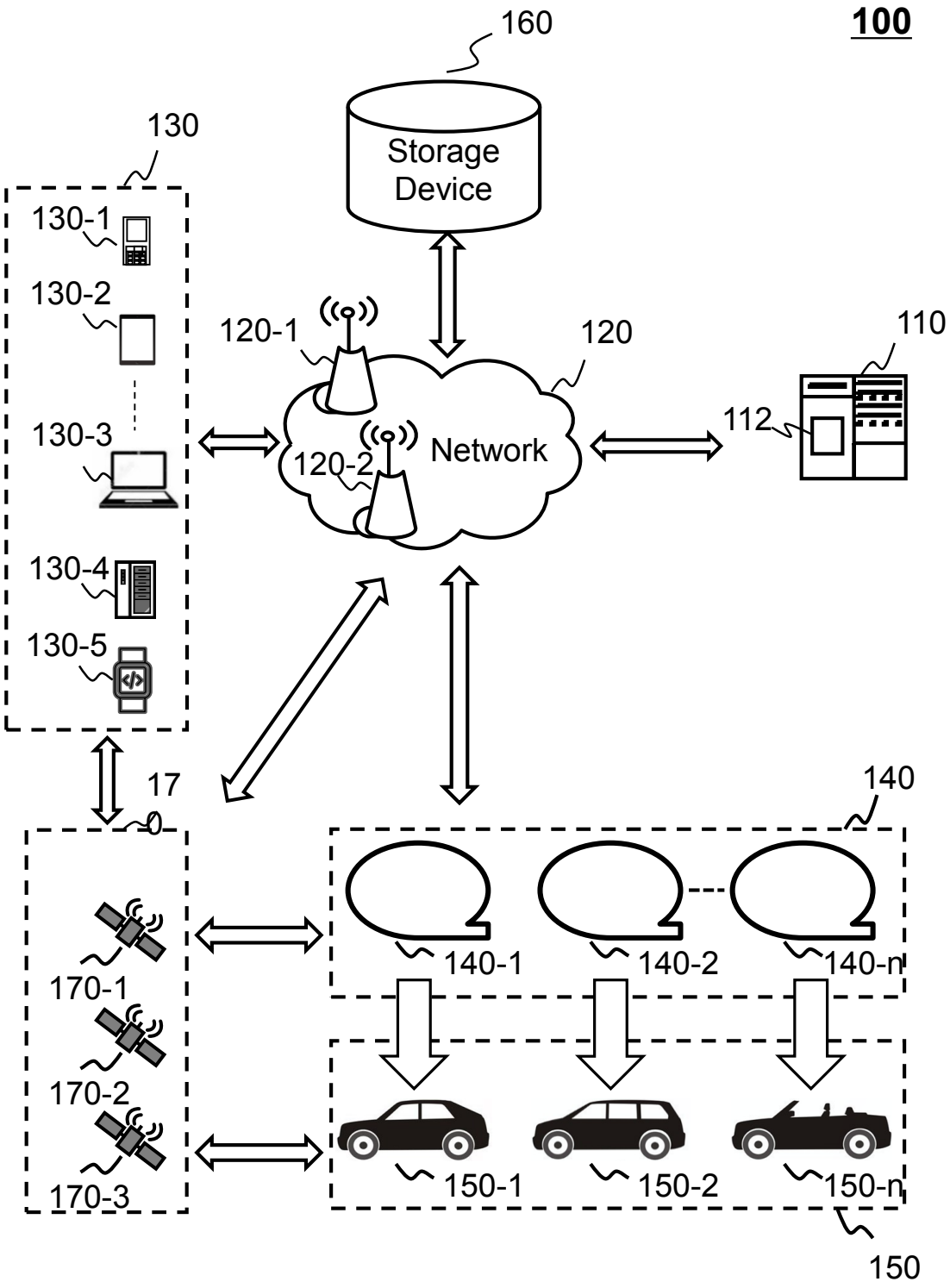

100
160
Storage Device
130
130-1
130-2
130-3
130-4
130-5
120-1
120
120-2
Network
110
112
17
0
140
140-1
140-2
140-n
170-1
170-2
170-3
150-1
150-2
150-n
150

FIG. 1

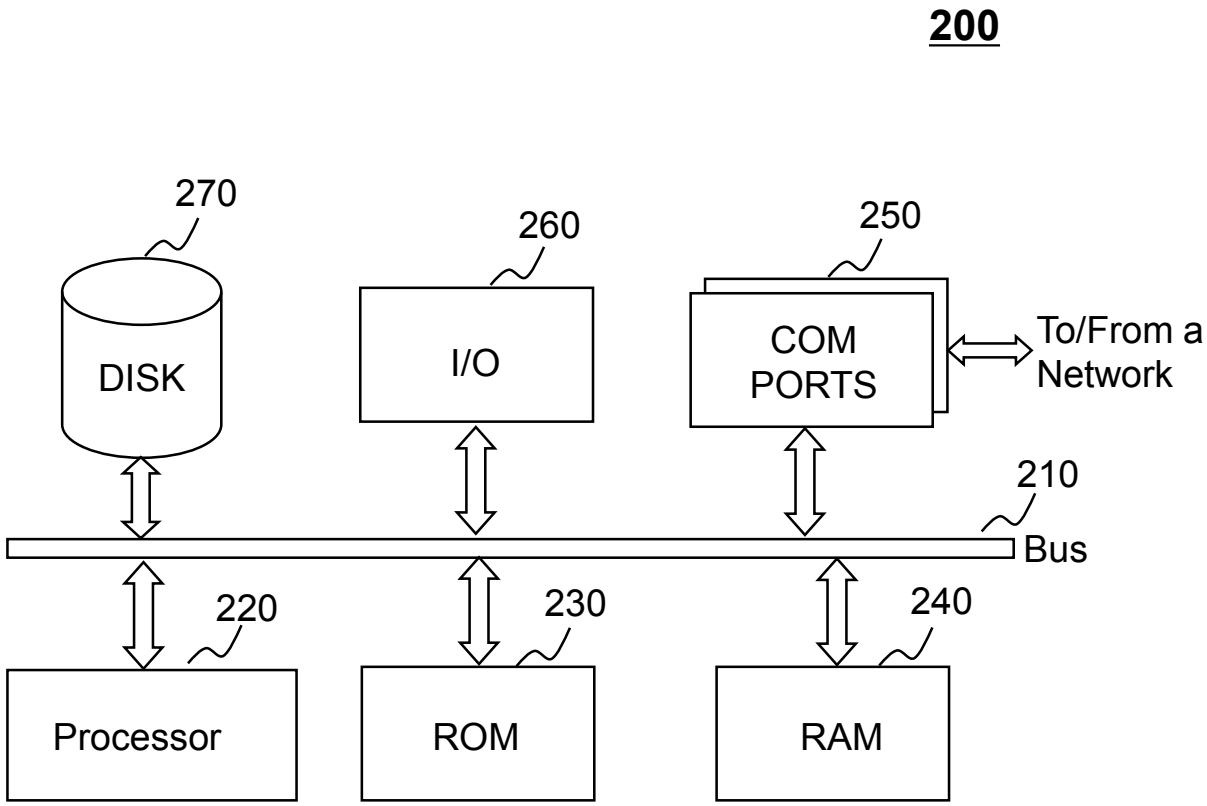

200
270
260
250
DISK
I/O
COM
PORTS
To/From a
Network
210
Bus
220
230
240
Processor
ROM
RAM

FIG. 2

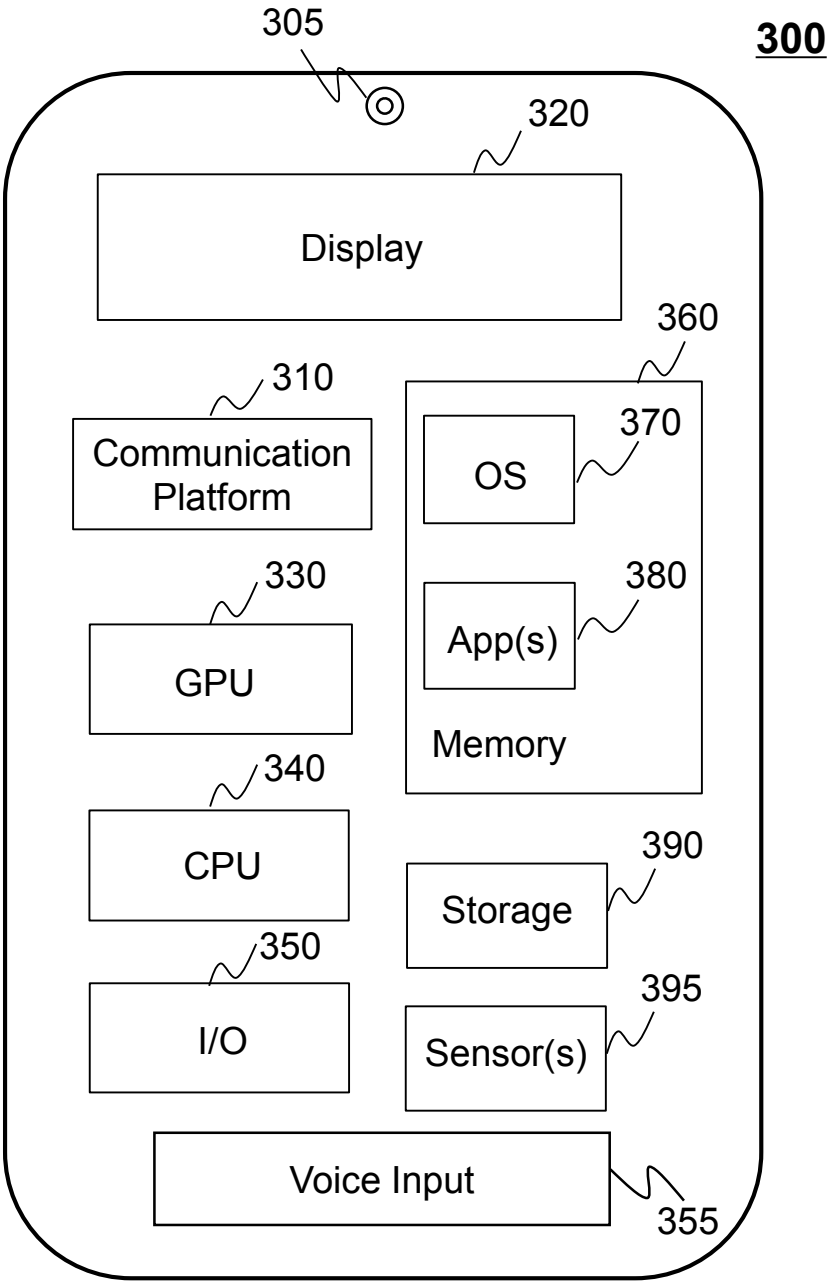

300
305
320
Display
360
310
Communication Platform
370
OS
330
GPU
380
App(s)
Memory
340
CPU
390
Storage
350
I/O
395
Sensor(s)
Voice Input
355

FIG. 3

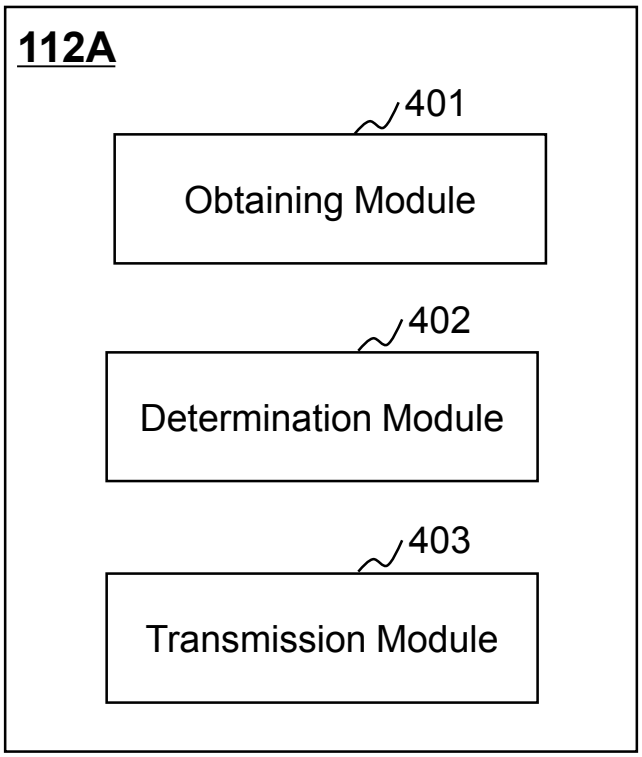

112A
401
Obtaining Module
402
Determination Module
403
Transmission Module

FIG. 4A

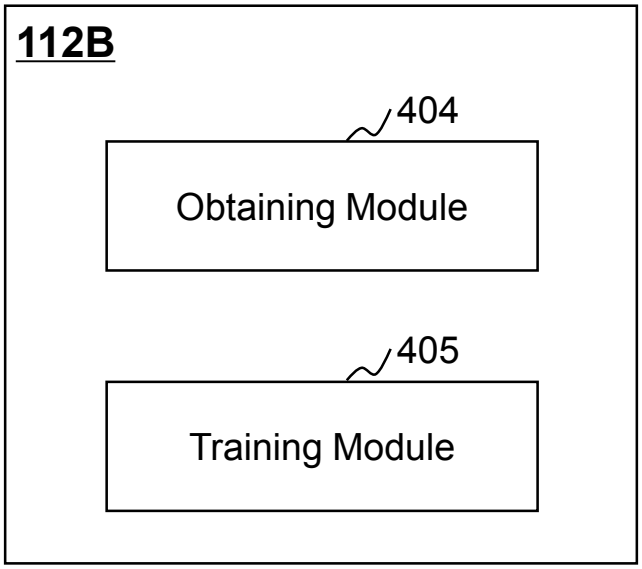

112B
404
Obtaining Module
405
Training Module

FIG. 4B

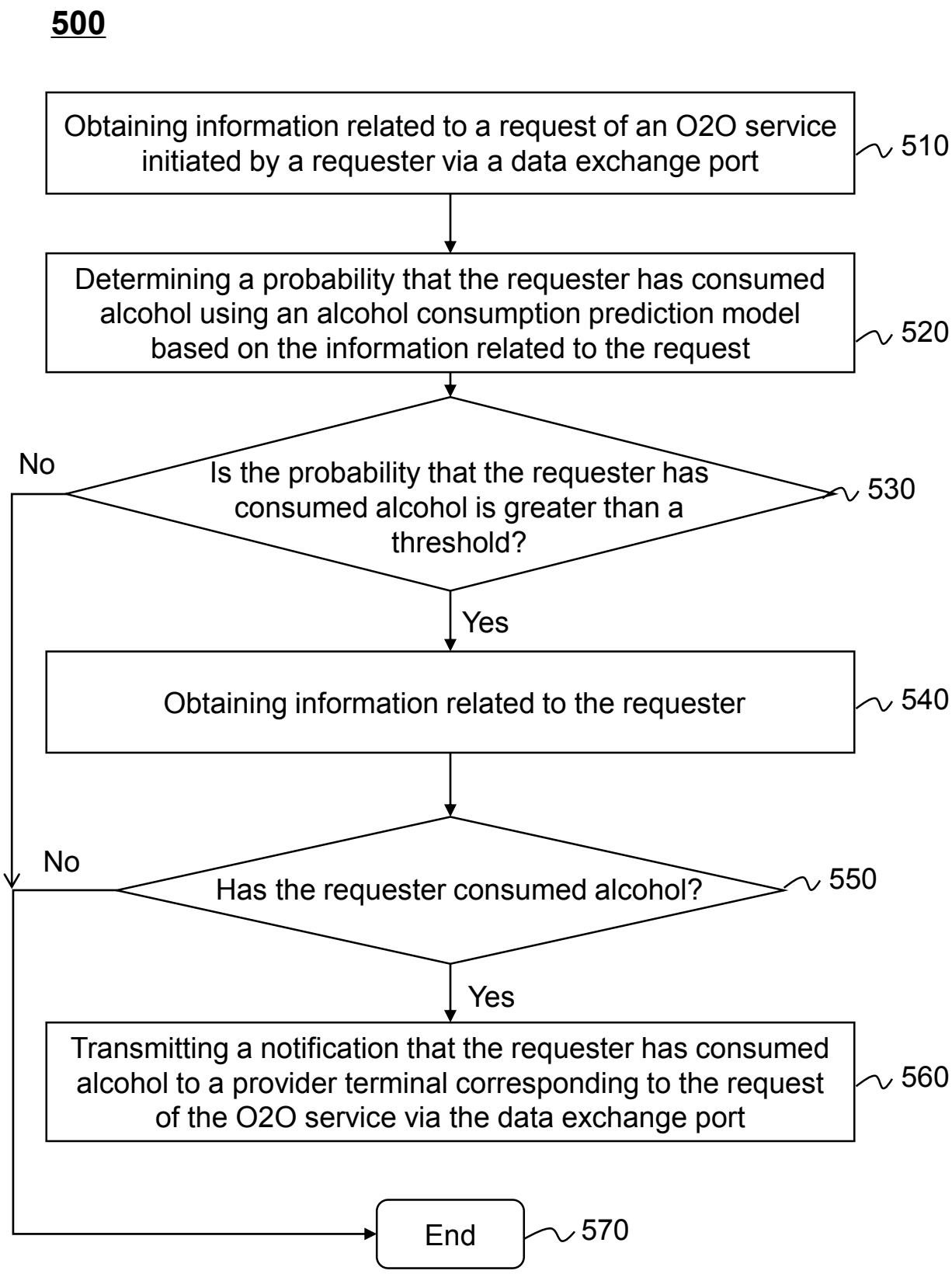

500
Obtaining information related to a request of an O2O service initiated by a requester via a data exchange port
510
Determining a probability that the requester has consumed alcohol using an alcohol consumption prediction model based on the information related to the request
520
Is the probability that the requester has consumed alcohol is greater than a threshold?
530
No
Yes
Obtaining information related to the requester
540
Has the requester consumed alcohol?
550
No
Yes
Transmitting a notification that the requester has consumed alcohol to a provider terminal corresponding to the request of the O2O service via the data exchange port
560
End
570

FIG. 5

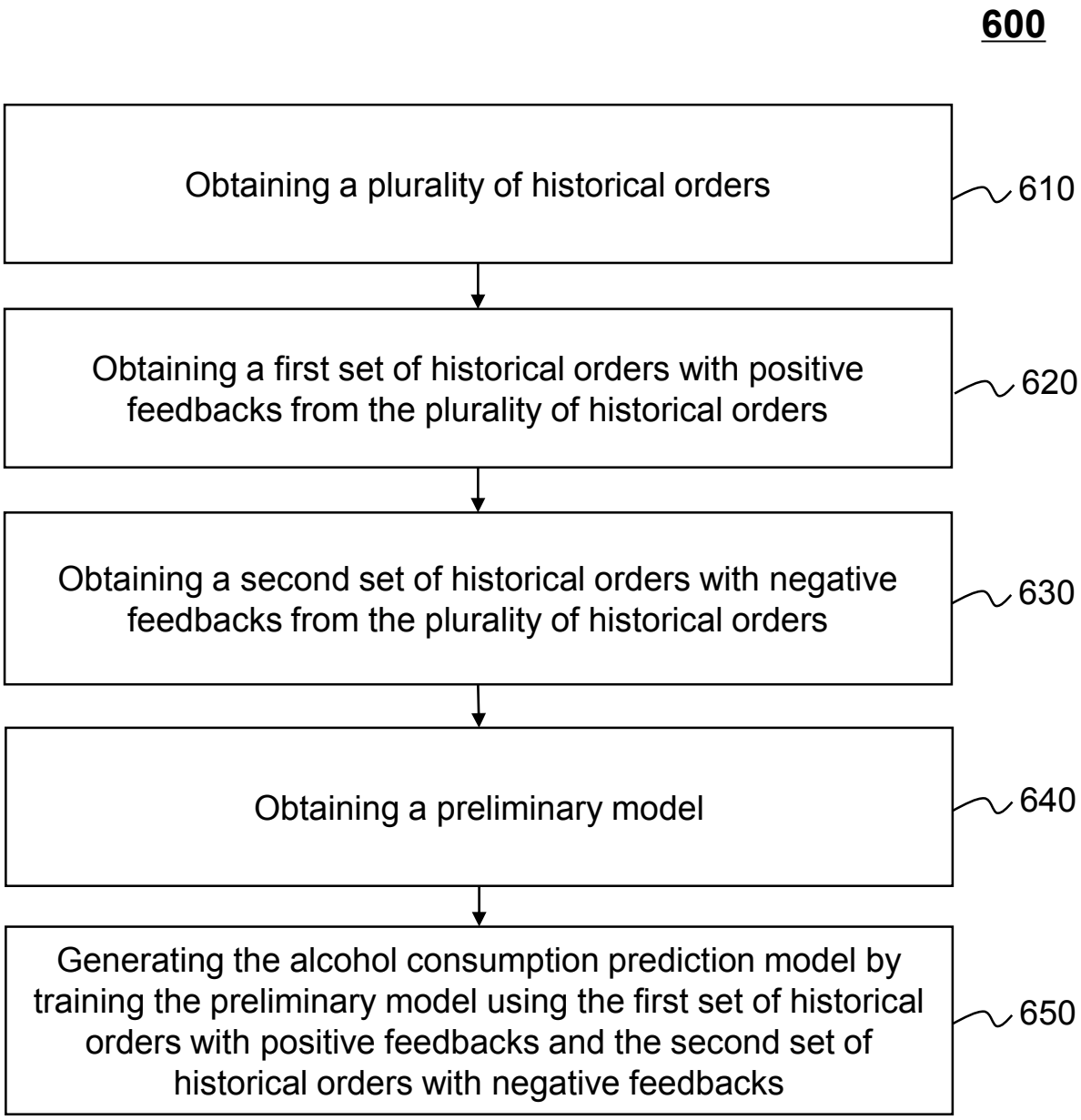

600
Obtaining a plurality of historical orders
610
Obtaining a first set of historical orders with positive feedbacks from the plurality of historical orders
620
Obtaining a second set of historical orders with negative feedbacks from the plurality of historical orders
630
Obtaining a preliminary model
640
Generating the alcohol consumption prediction model by training the preliminary model using the first set of historical orders with positive feedbacks and the second set of historical orders with negative feedbacks
650

FIG. 6

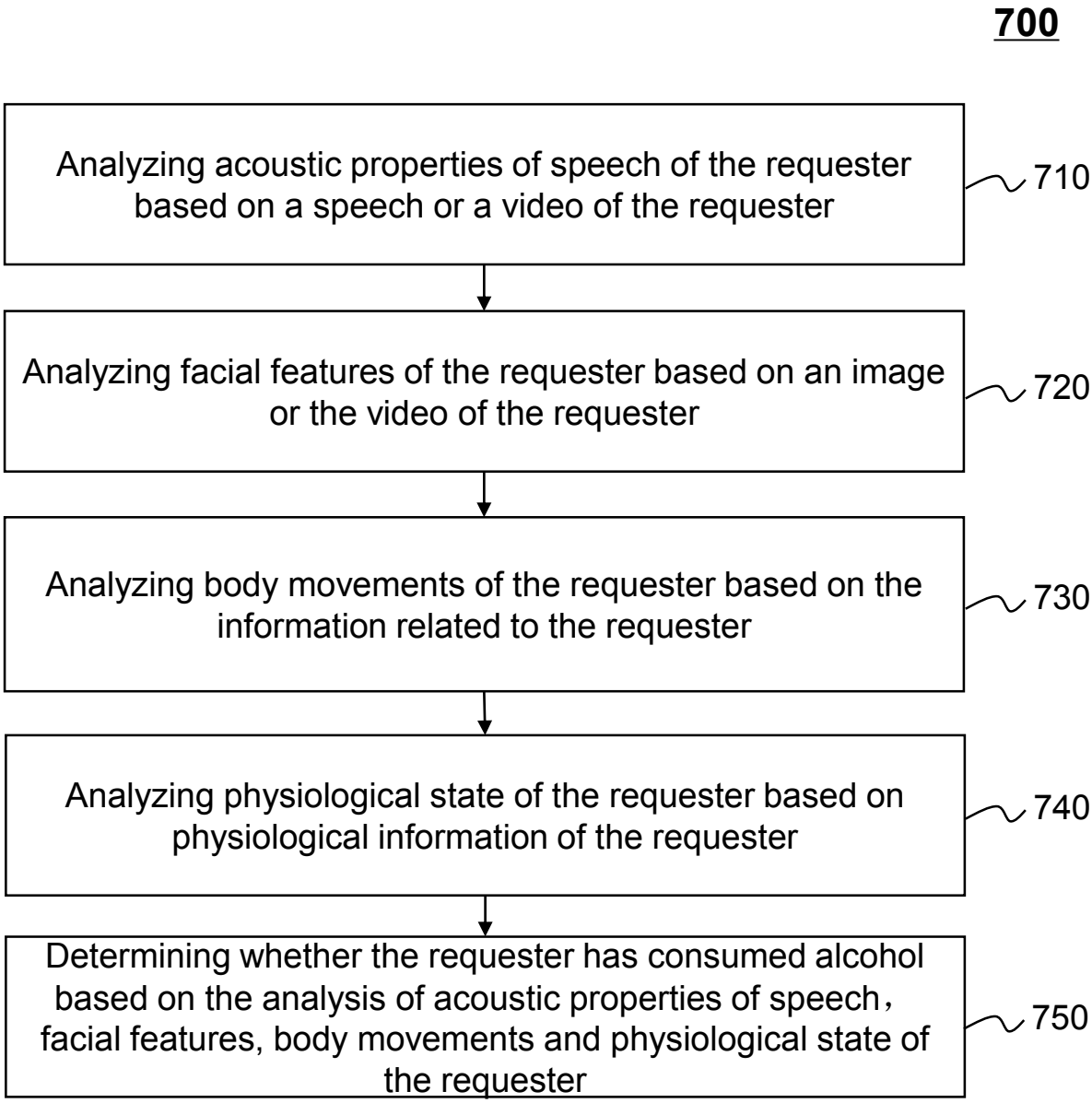

700
Analyzing acoustic properties of speech of the requester based on a speech or a video of the requester
710
Analyzing facial features of the requester based on an image or the video of the requester
720
Analyzing body movements of the requester based on the information related to the requester
730
Analyzing physiological state of the requester based on physiological information of the requester
740
Determining whether the requester has consumed alcohol based on the analysis of acoustic properties of speech, facial features, body movements and physiological state of the requester
750

FIG. 7