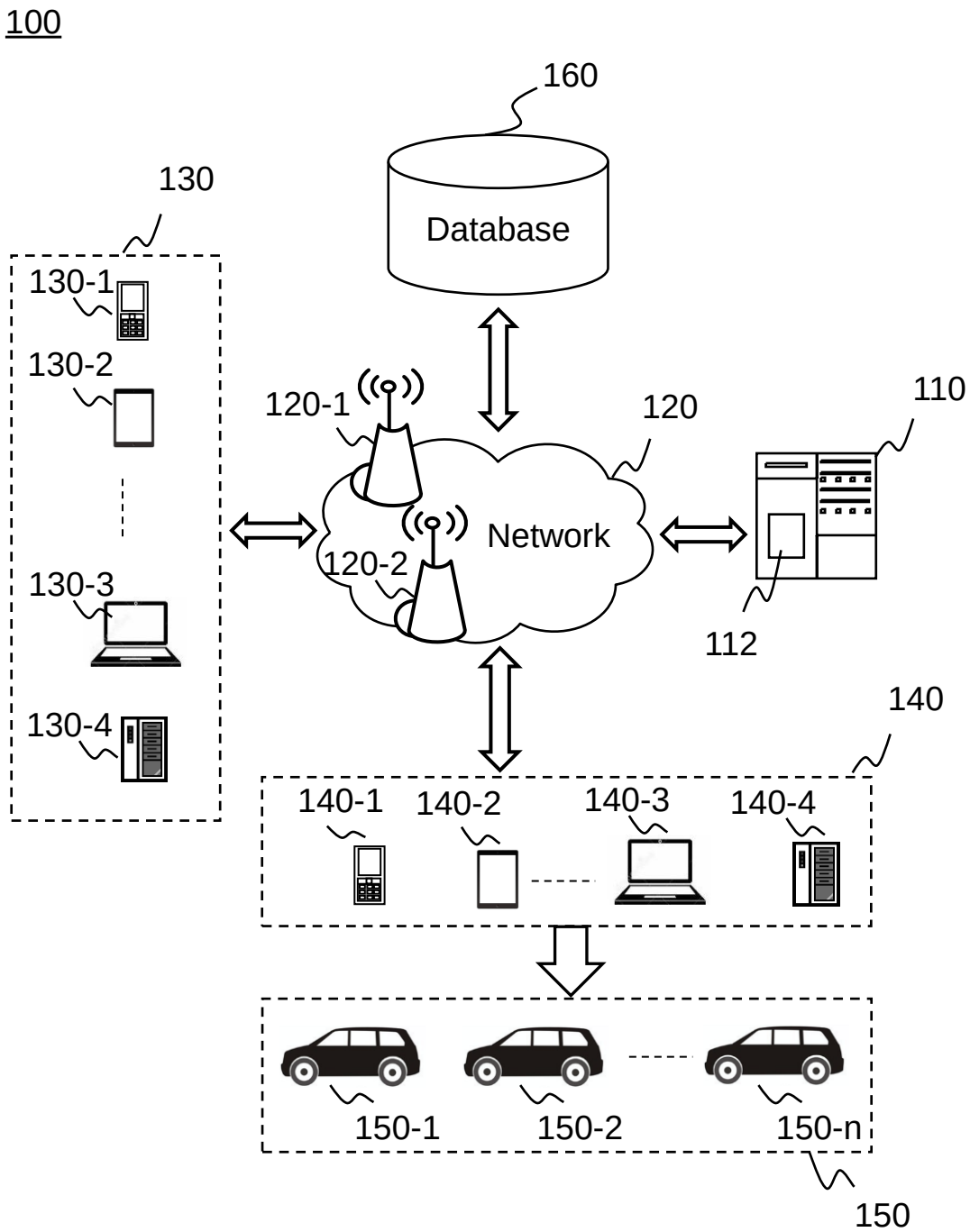

100
160
Database
130
130-1
130-2
130-3
130-4
120-1
120
Network
120-2
110
112
140
140-1
140-2
140-3
140-4
150-1
150-2
150-n
150

FIG. 1

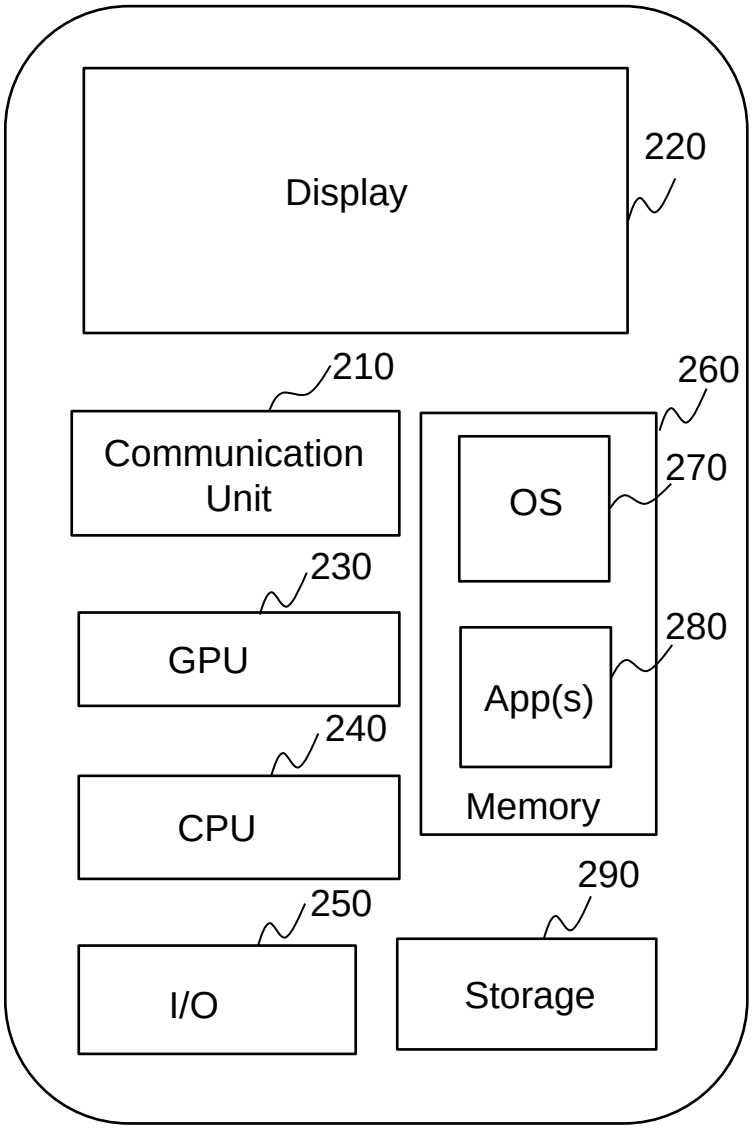

200
Display
220
210
Communication Unit
260
OS
270
230
GPU
280
App(s)
240
CPU
Memory
290
250
I/O
Storage

FIG. 2

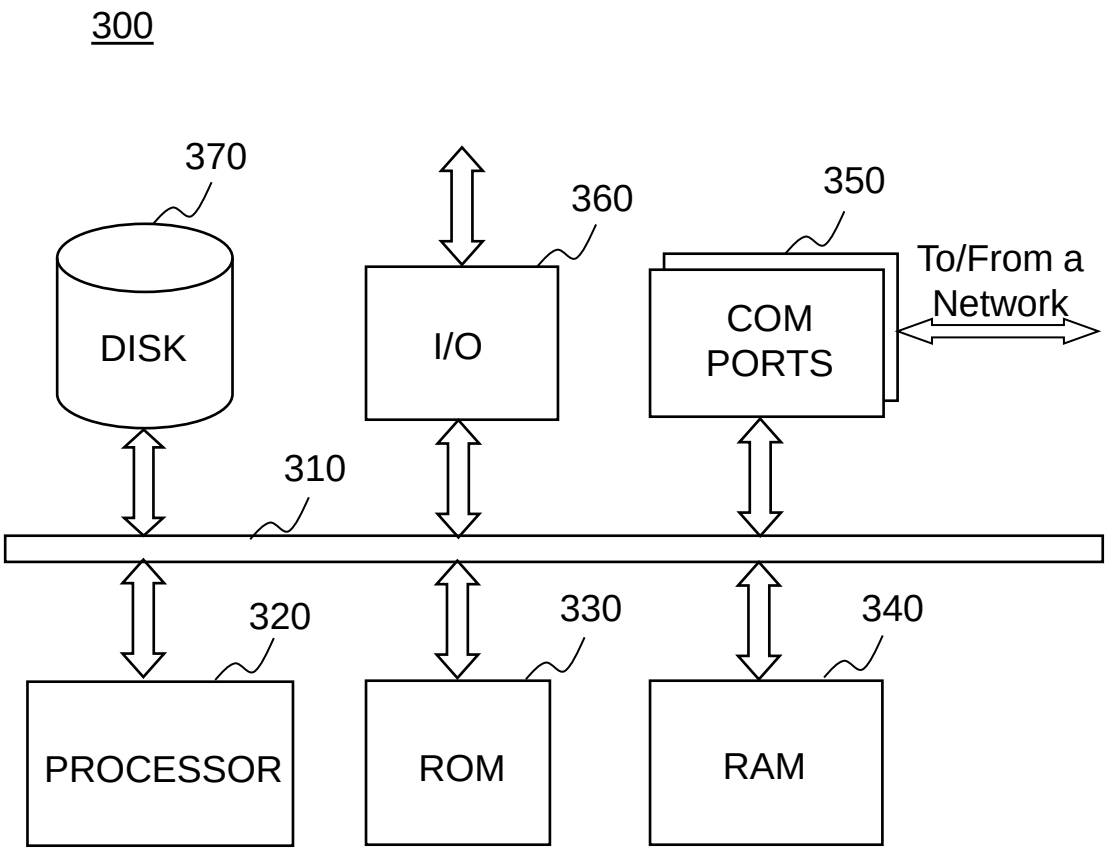

300
370
DISK
360
I/O
350
COM
PORTS
To/From a
Network
310
320
PROCESSOR
330
ROM
340
RAM

FIG. 3

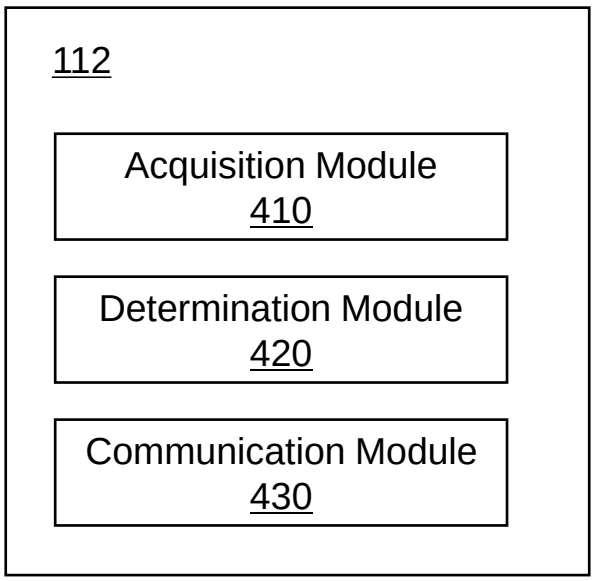

112
Acquisition Module
410
Determination Module
420
Communication Module
430

FIG. 4A

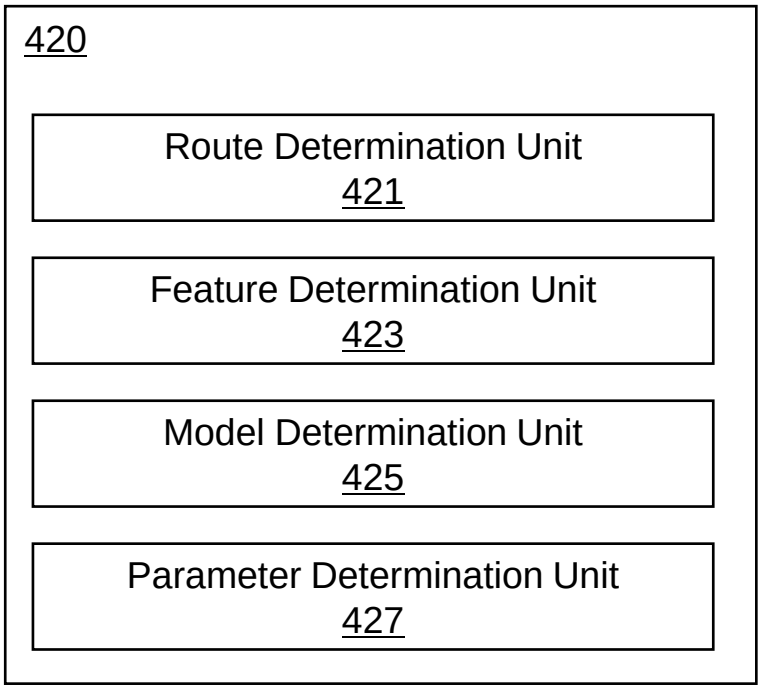

420
Route Determination Unit
421
Feature Determination Unit
423
Model Determination Unit
425
Parameter Determination Unit
427

FIG. 4B

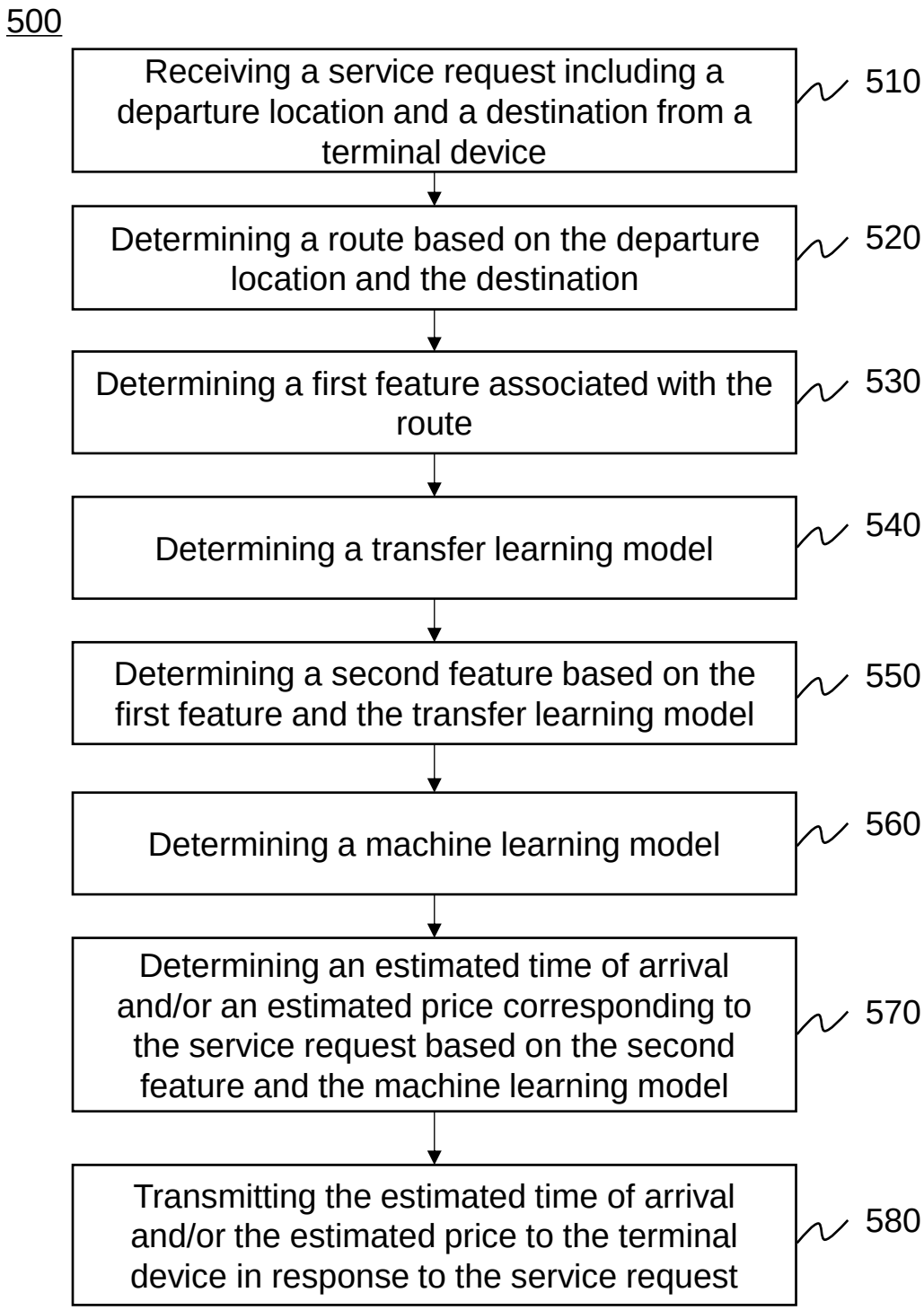

500
Receiving a service request including a departure location and a destination from a terminal device
510
Determining a route based on the departure location and the destination
520
Determining a first feature associated with the route
530
Determining a transfer learning model
540
Determining a second feature based on the first feature and the transfer learning model
550
Determining a machine learning model
560
Determining an estimated time of arrival and/or an estimated price corresponding to the service request based on the second feature and the machine learning model
570
Transmitting the estimated time of arrival and/or the estimated price to the terminal device in response to the service request
580

FIG. 5

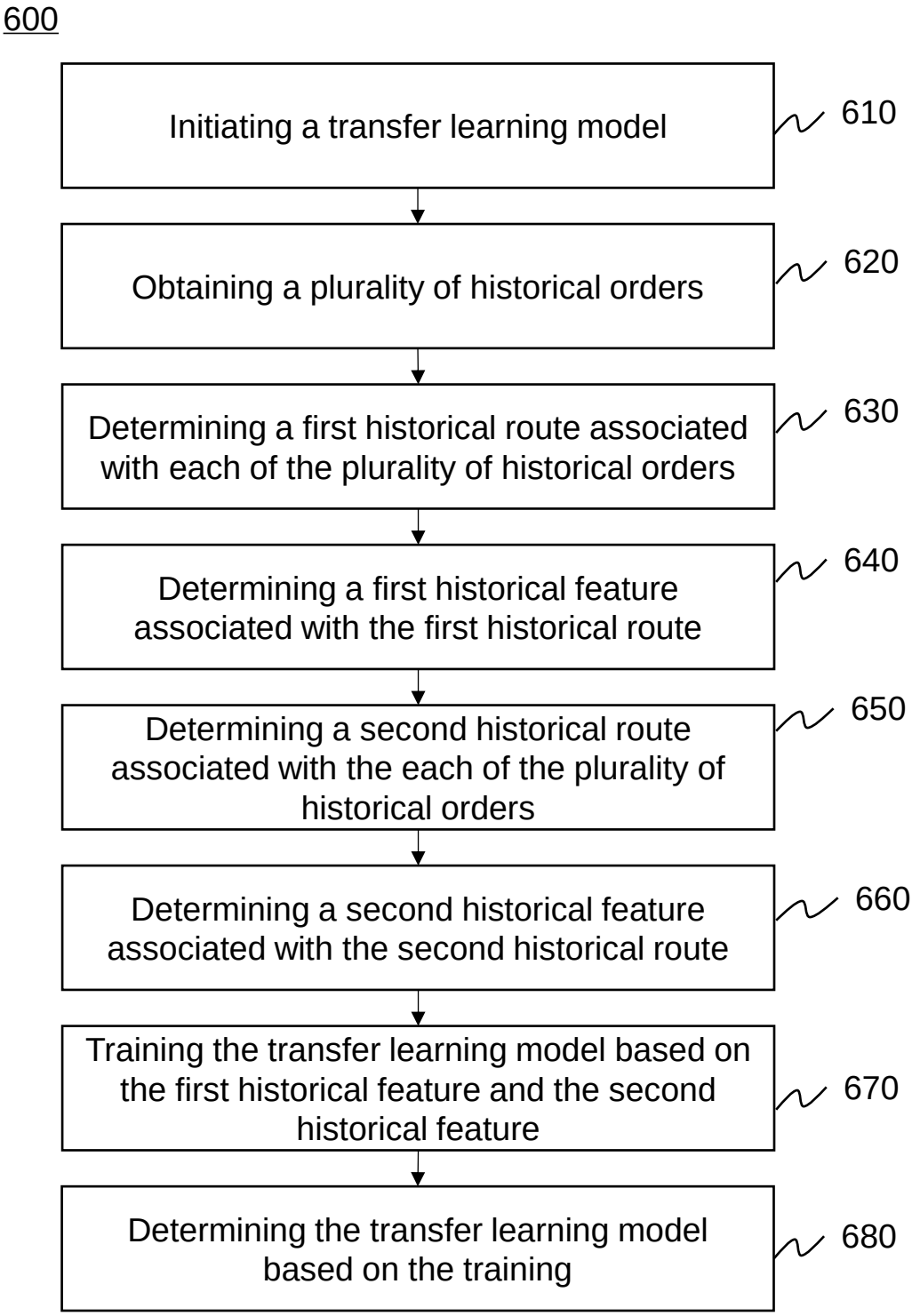

600
Initiating a transfer learning model
610
Obtaining a plurality of historical orders
620
Determining a first historical route associated with each of the plurality of historical orders
630
Determining a first historical feature associated with the first historical route
640
Determining a second historical route associated with the each of the plurality of historical orders
650
Determining a second historical feature associated with the second historical route
660
Training the transfer learning model based on the first historical feature and the second historical feature
670
Determining the transfer learning model based on the training
680

FIG. 6

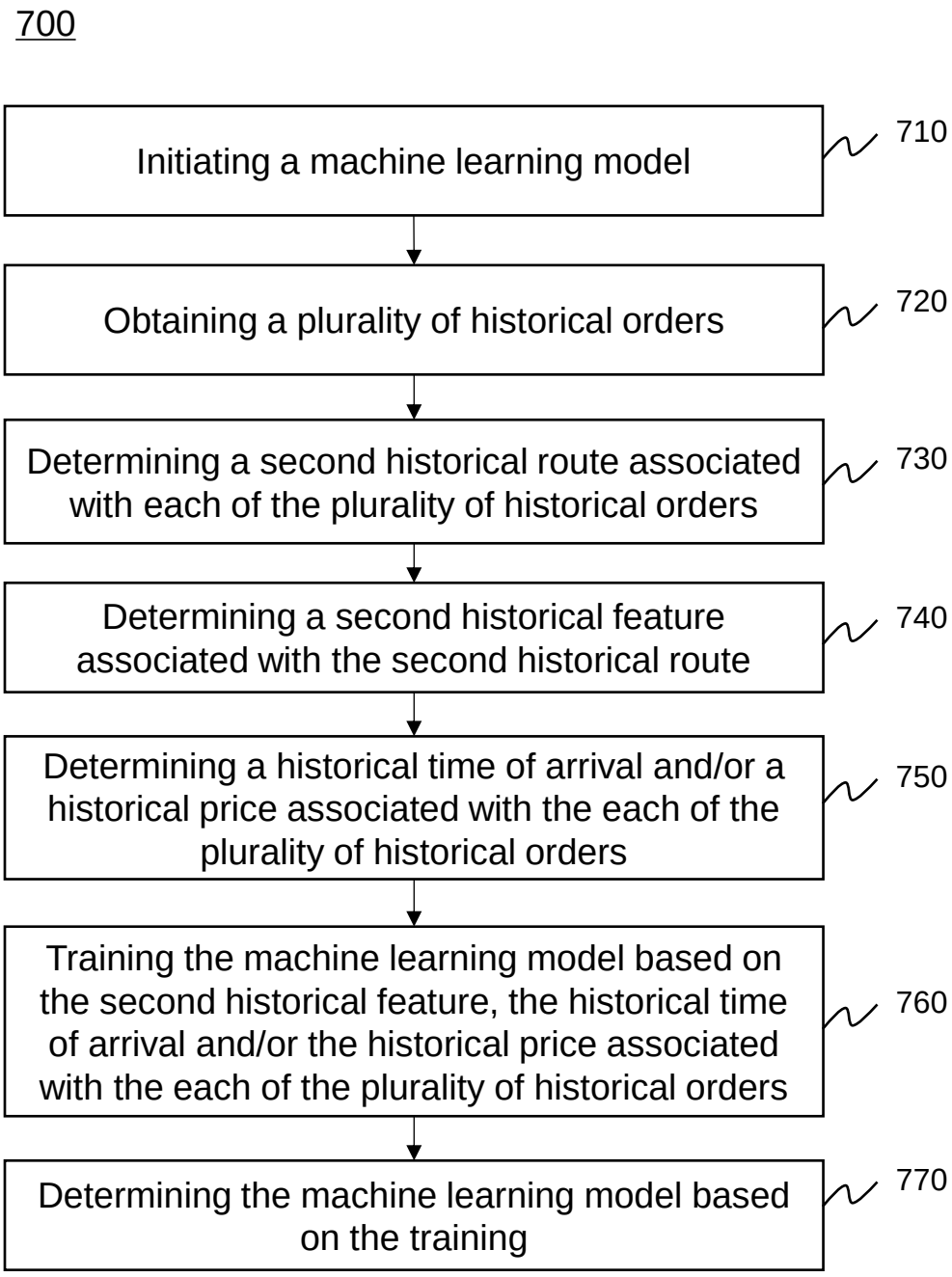

700
Initiating a machine learning model
710
Obtaining a plurality of historical orders
720
Determining a second historical route associated with each of the plurality of historical orders
730
Determining a second historical feature associated with the second historical route
740
Determining a historical time of arrival and/or a historical price associated with the each of the plurality of historical orders
750
Training the machine learning model based on the second historical feature, the historical time of arrival and/or the historical price associated with the each of the plurality of historical orders
760
Determining the machine learning model based on the training
770

FIG. 7

800

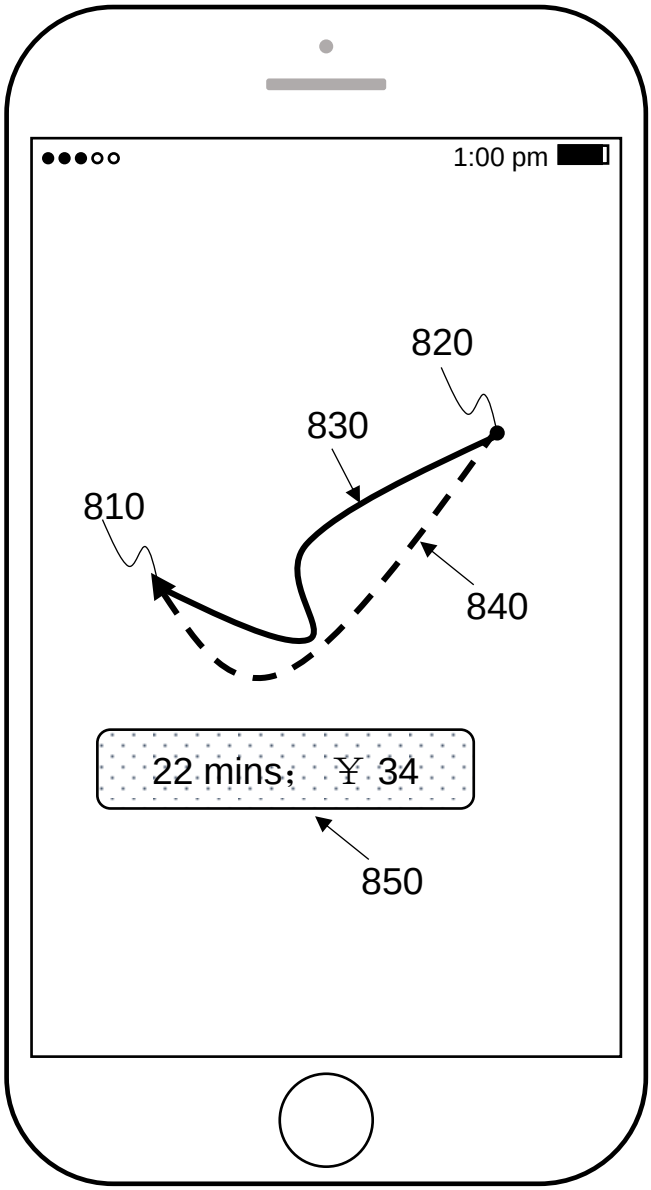


FIG. 8