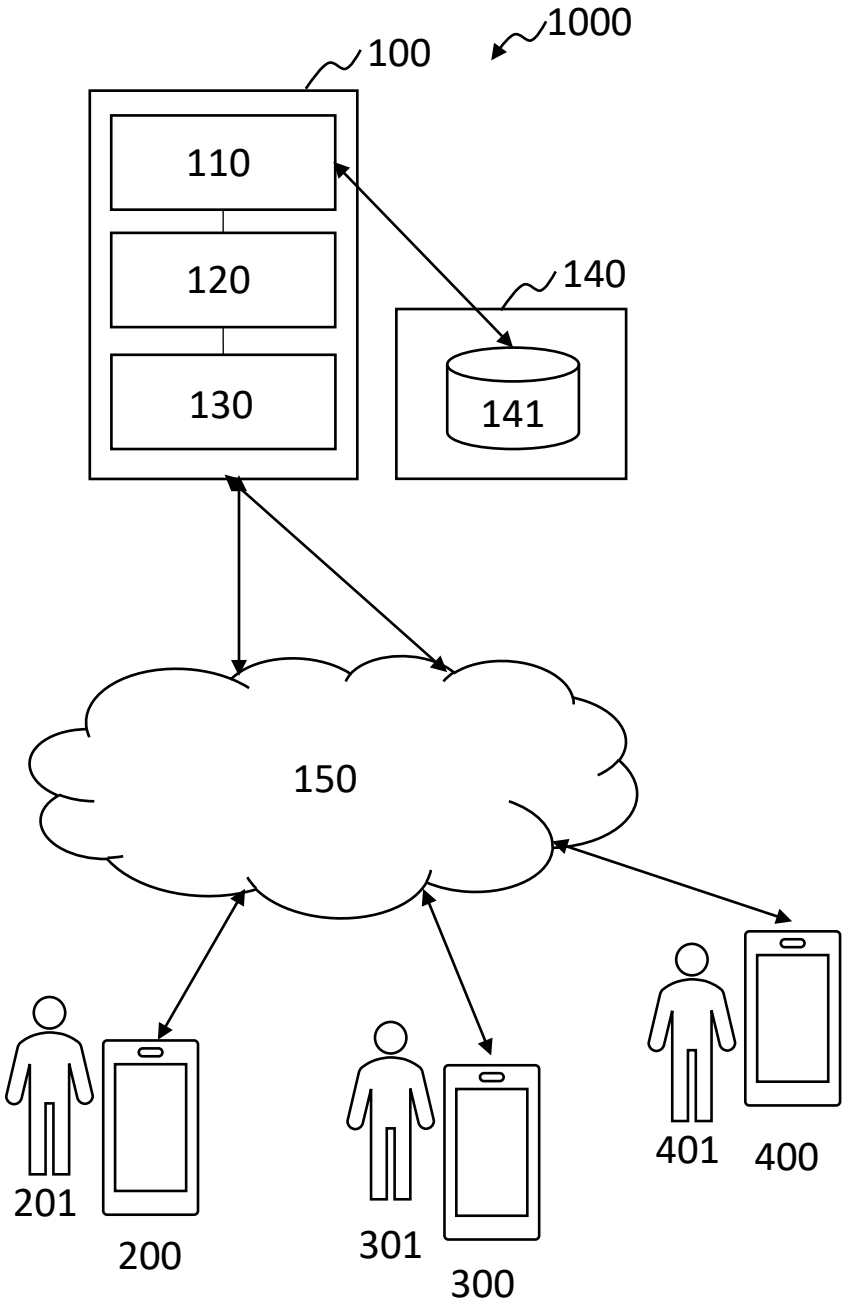


FIG. 1

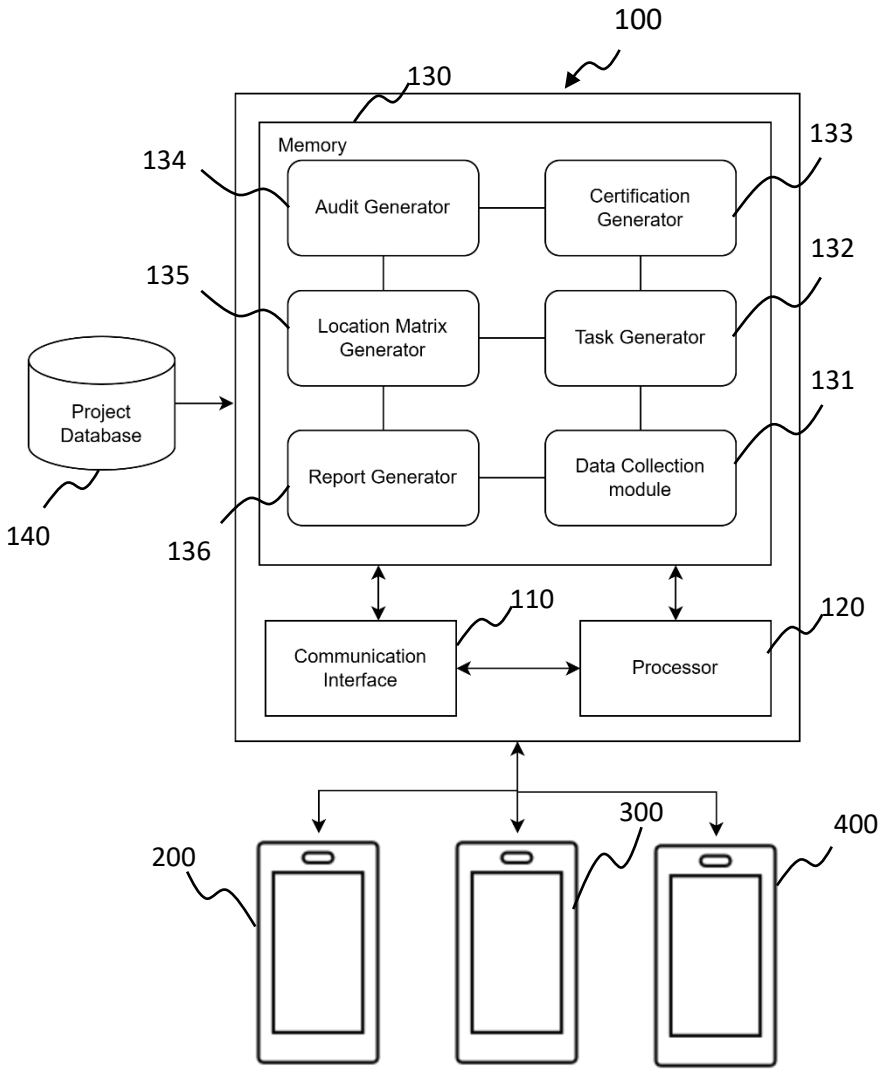

100
130
Memory
134
Audit Generator
Certification Generator
133
135
Location Matrix Generator
Task Generator
132
Project Database
131
Report Generator
Data Collection module
140
136
110
120
Communication Interface
Processor
300
400
200

FIG. 2

400

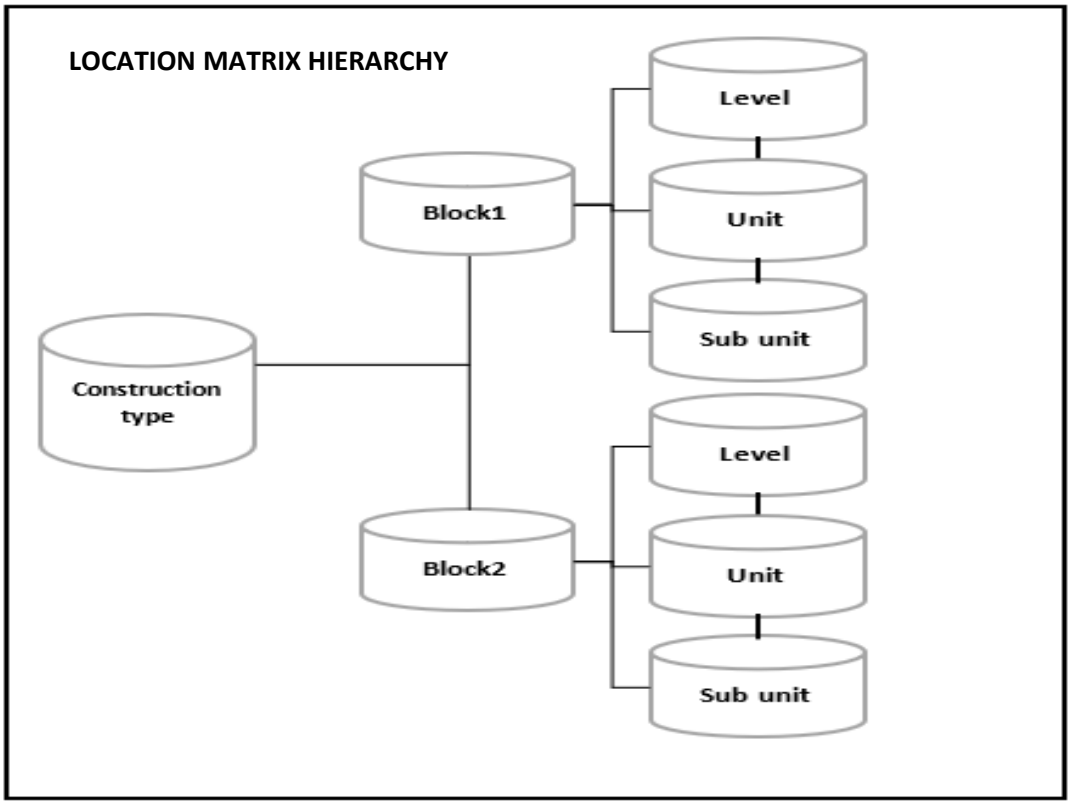

LOCATION MATRIX HIERARCHY
Level
Block1
Unit
Sub unit
Construction type
Level
Block2
Unit
Sub unit

FIG. 3

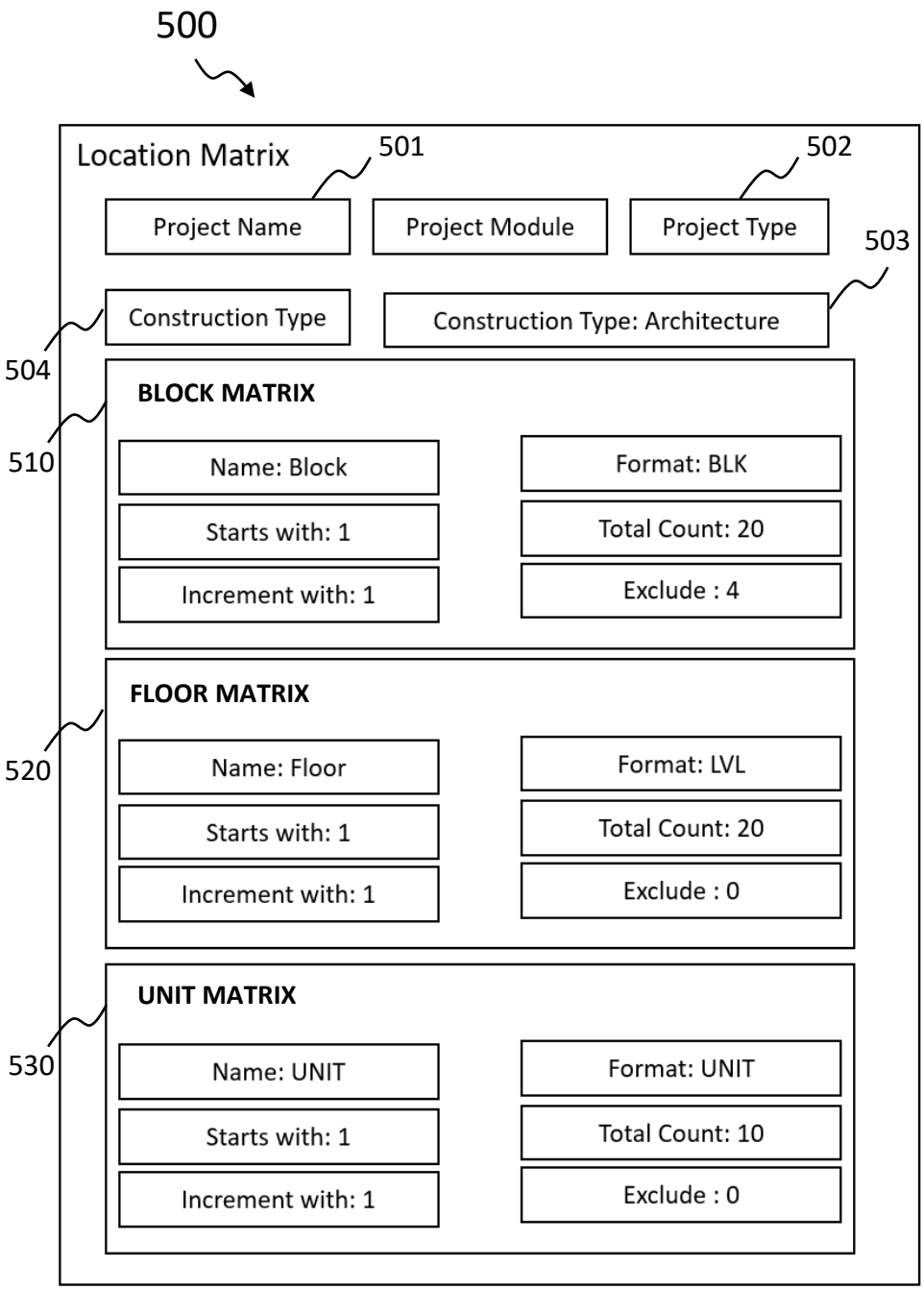

500
Location Matrix
501
502
Project Name
Project Module
Project Type
503
Construction Type
Construction Type: Architecture
504
BLOCK MATRIX
510
Name: Block
Format: BLK
Starts with: 1
Total Count: 20
Increment with: 1
Exclude : 4
FLOOR MATRIX
520
Name: Floor
Format: LVL
Starts with: 1
Total Count: 20
Increment with: 1
Exclude : 0
UNIT MATRIX
530
Name: UNIT
Format: UNIT
Starts with: 1
Total Count: 10
Increment with: 1
Exclude : 0

FIG. 4

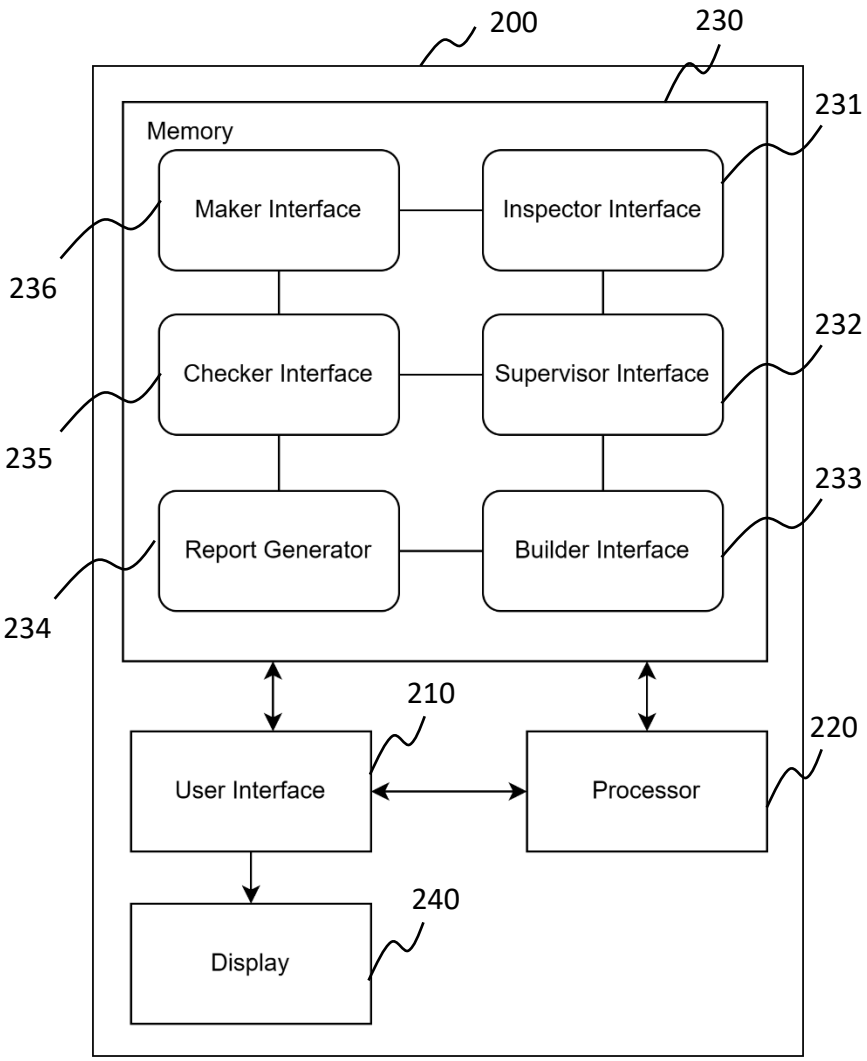

200
230
231
Memory
Maker Interface
Inspector Interface
236
Checker Interface
Supervisor Interface
232
235
233
Report Generator
Builder Interface
234
210
220
User Interface
Processor
240
Display

FIG. 5

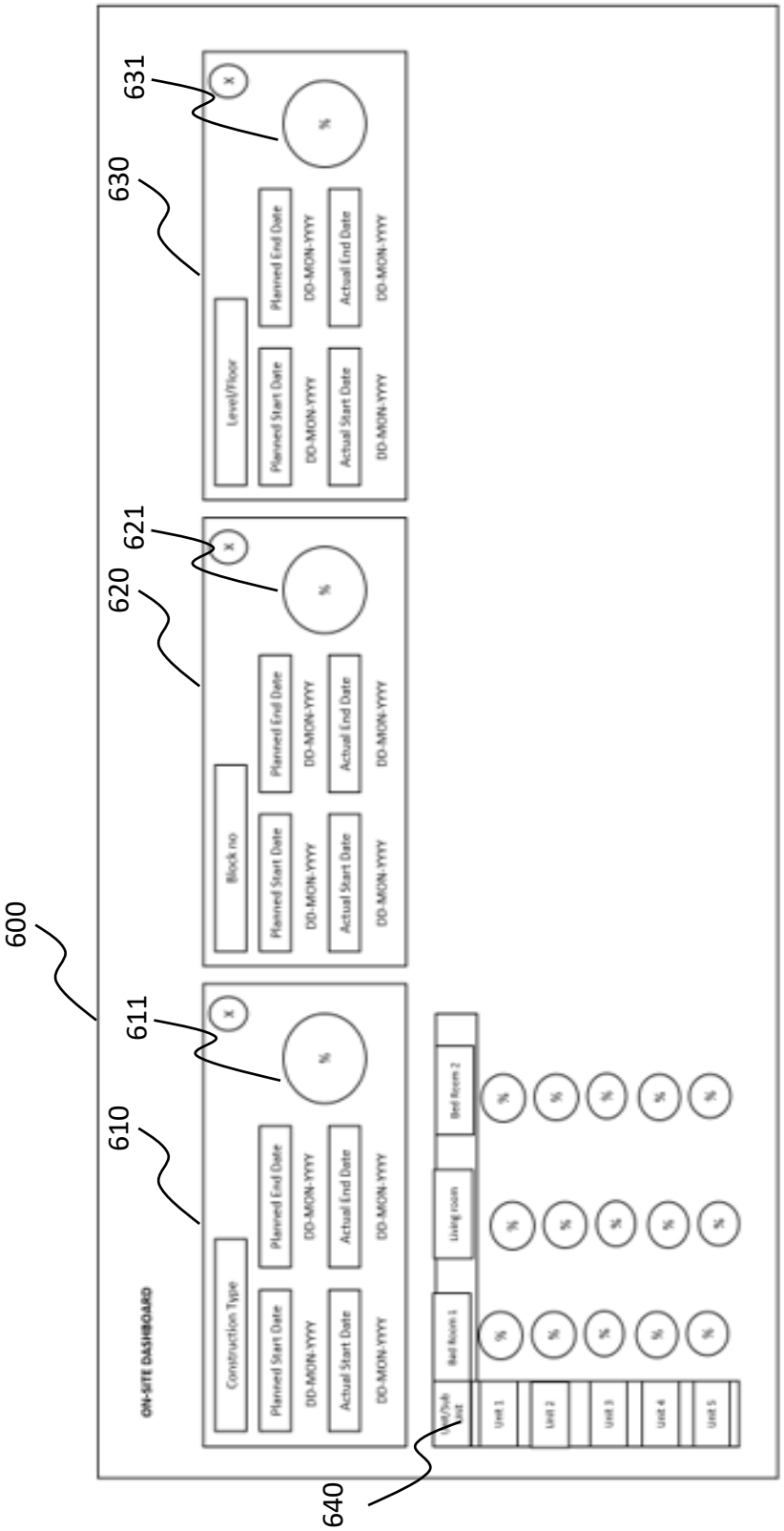

600
610
611
620
621
630
631
640
ON-SITE DASHBOARD
Construction Type
Planned Start Date
Planned End Date
Actual Start Date
Actual End Date
DD-MON-YYYY
Block no
Level/Floor
Unit/Dwelling Unit
Bed Room 1
Living room
Bed Room 2
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
%

FIG. 6

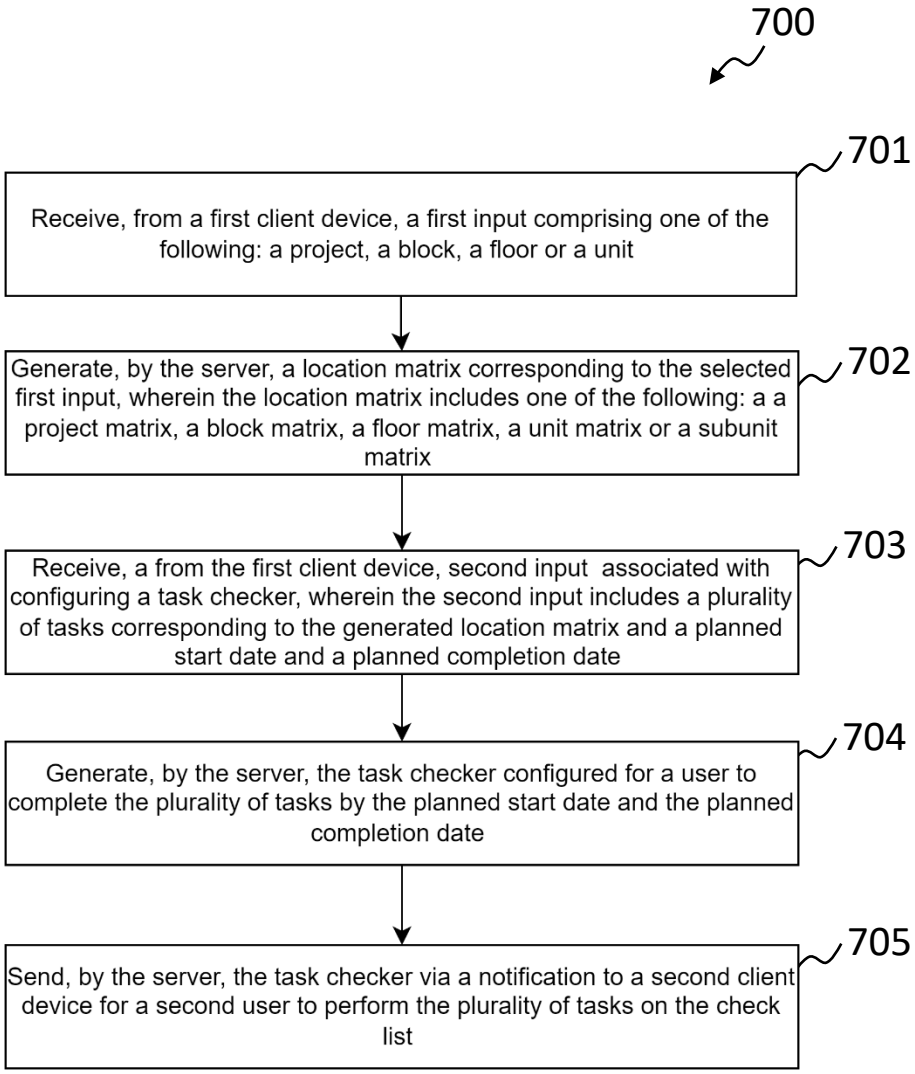

700
701
Receive, from a first client device, a first input comprising one of the following: a project, a block, a floor or a unit
702
Generate, by the server, a location matrix corresponding to the selected first input, wherein the location matrix includes one of the following: a a project matrix, a block matrix, a floor matrix, a unit matrix or a subunit matrix
703
Receive, a from the first client device, second input associated with configuring a task checker, wherein the second input includes a plurality of tasks corresponding to the generated location matrix and a planned start date and a planned completion date
704
Generate, by the server, the task checker configured for a user to complete the plurality of tasks by the planned start date and the planned completion date
705
Send, by the server, the task checker via a notification to a second client device for a second user to perform the plurality of tasks on the check list

FIG. 7