

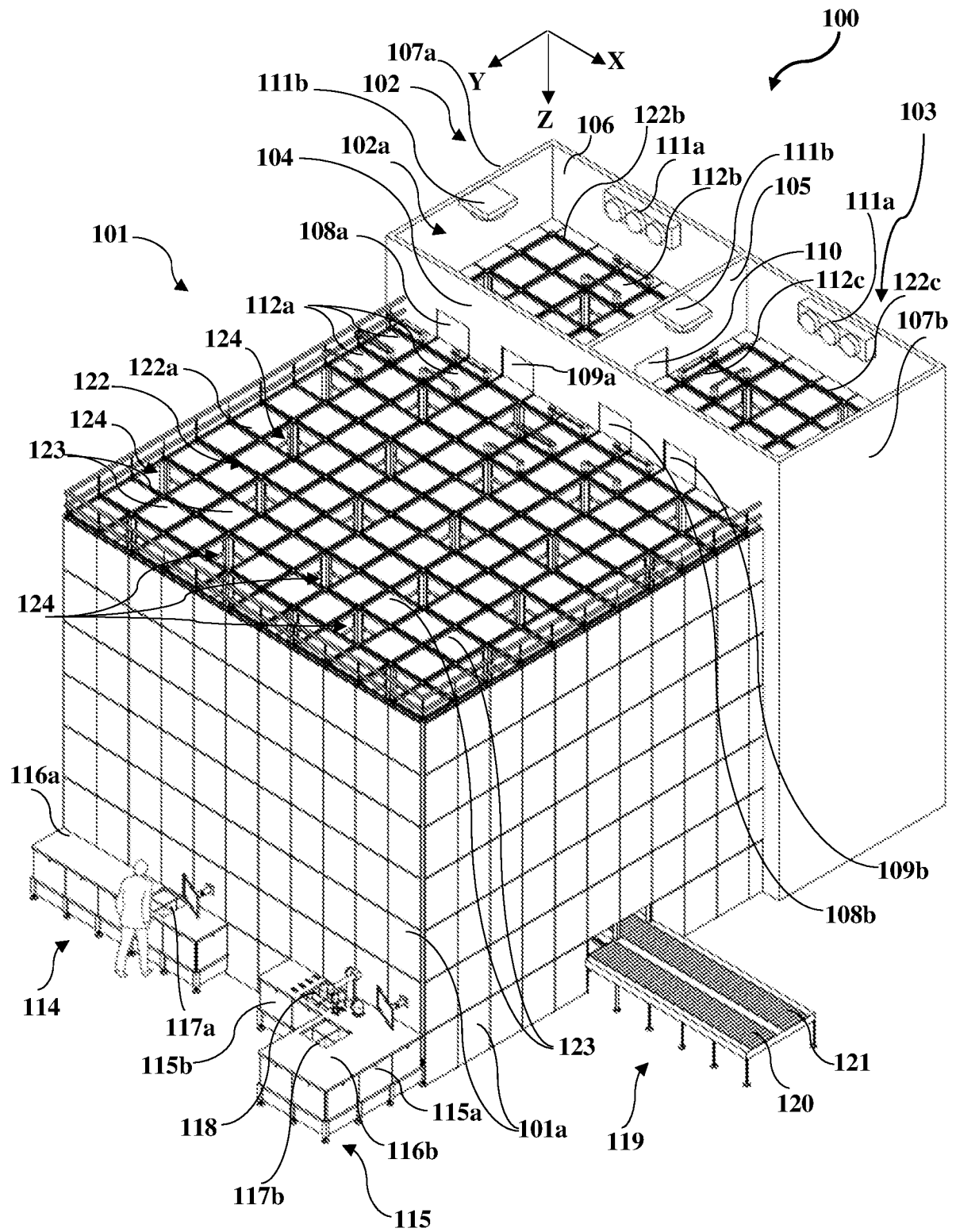


FIG. 1

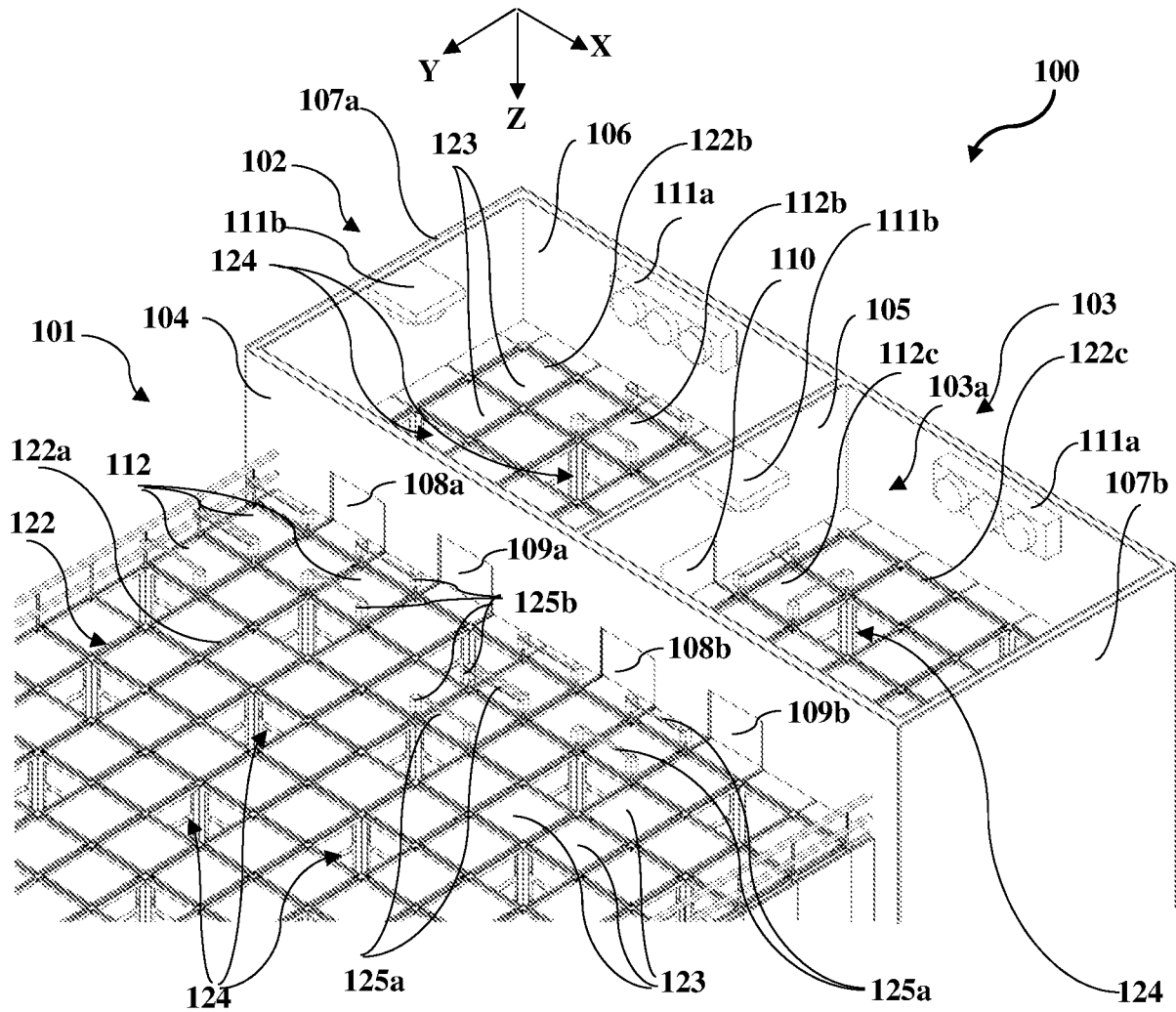


FIG. 2

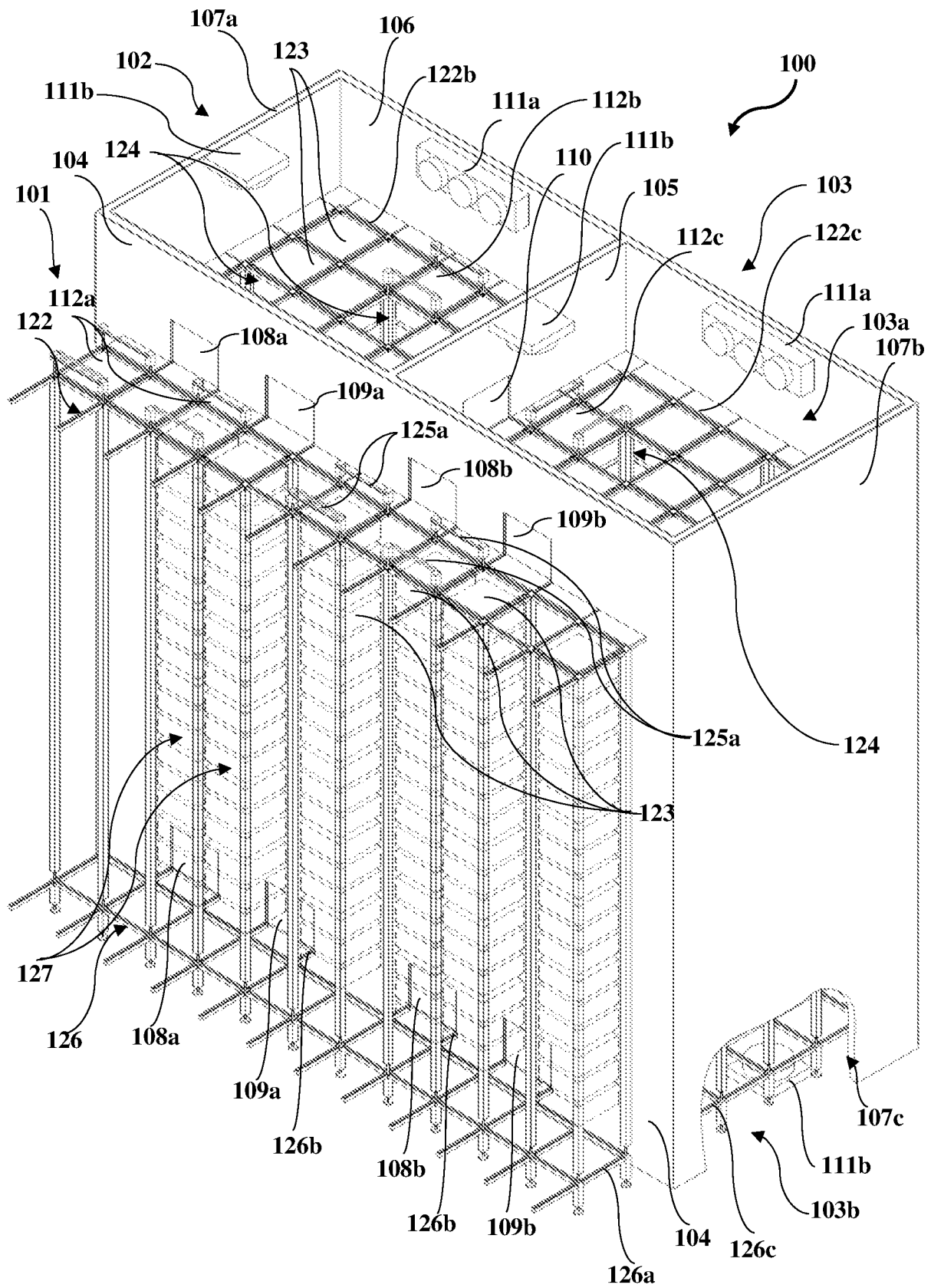


FIG. 3

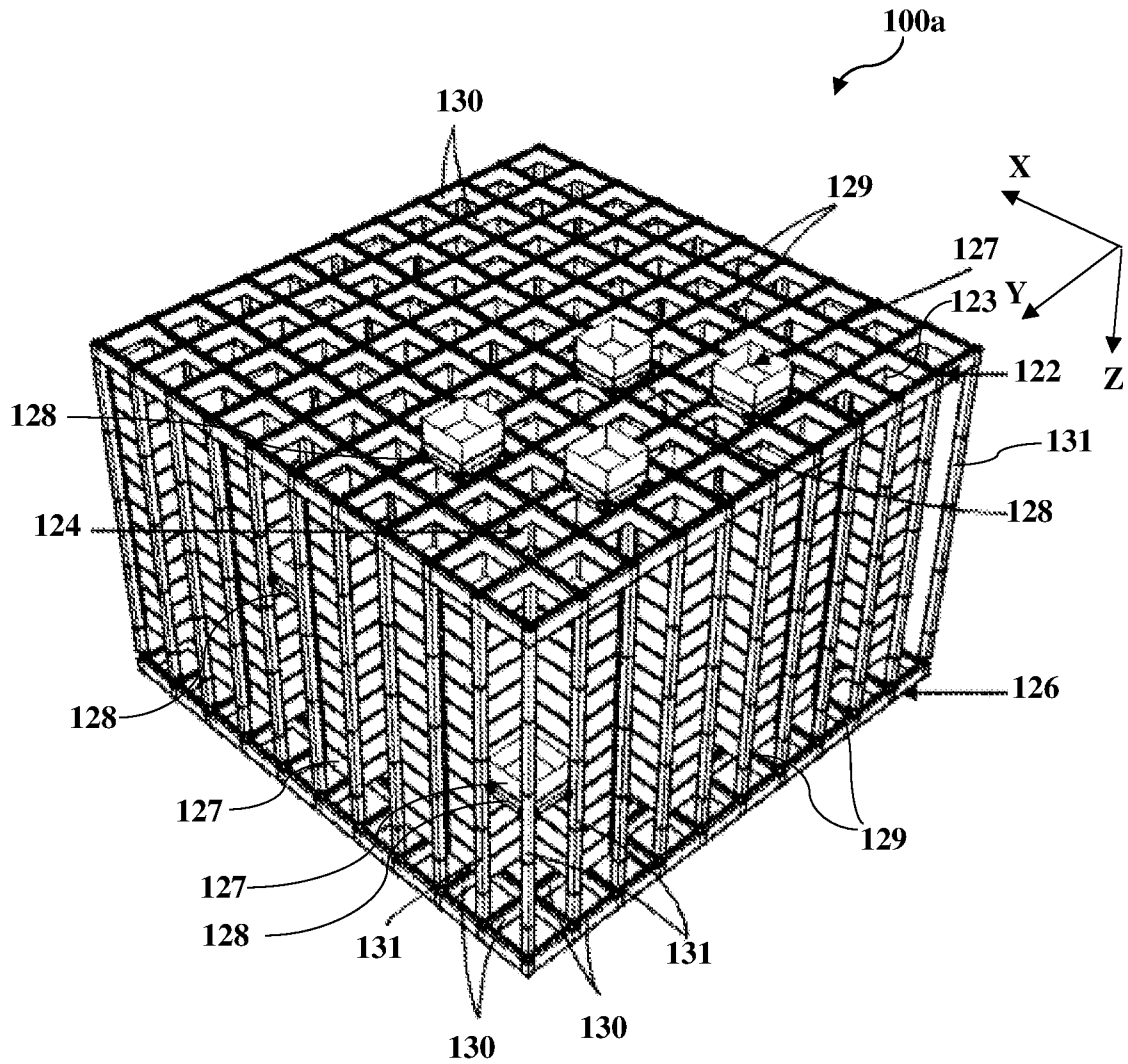


FIG. 4

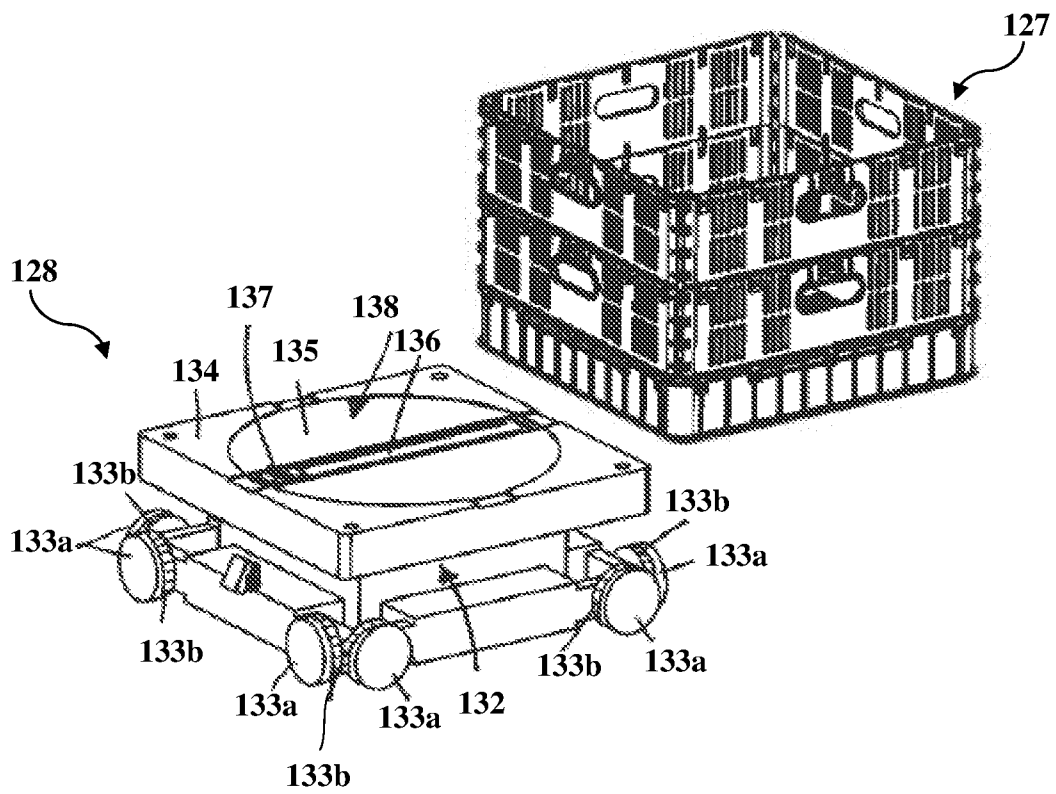


FIG. 5A

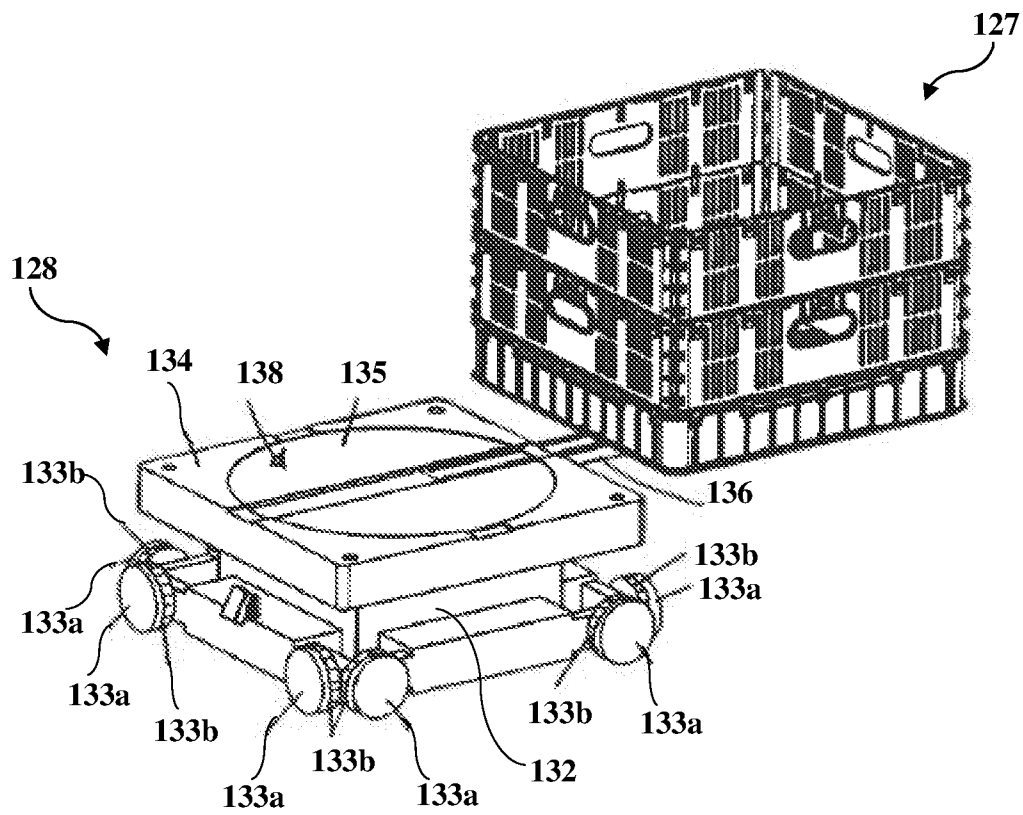


FIG. 5B

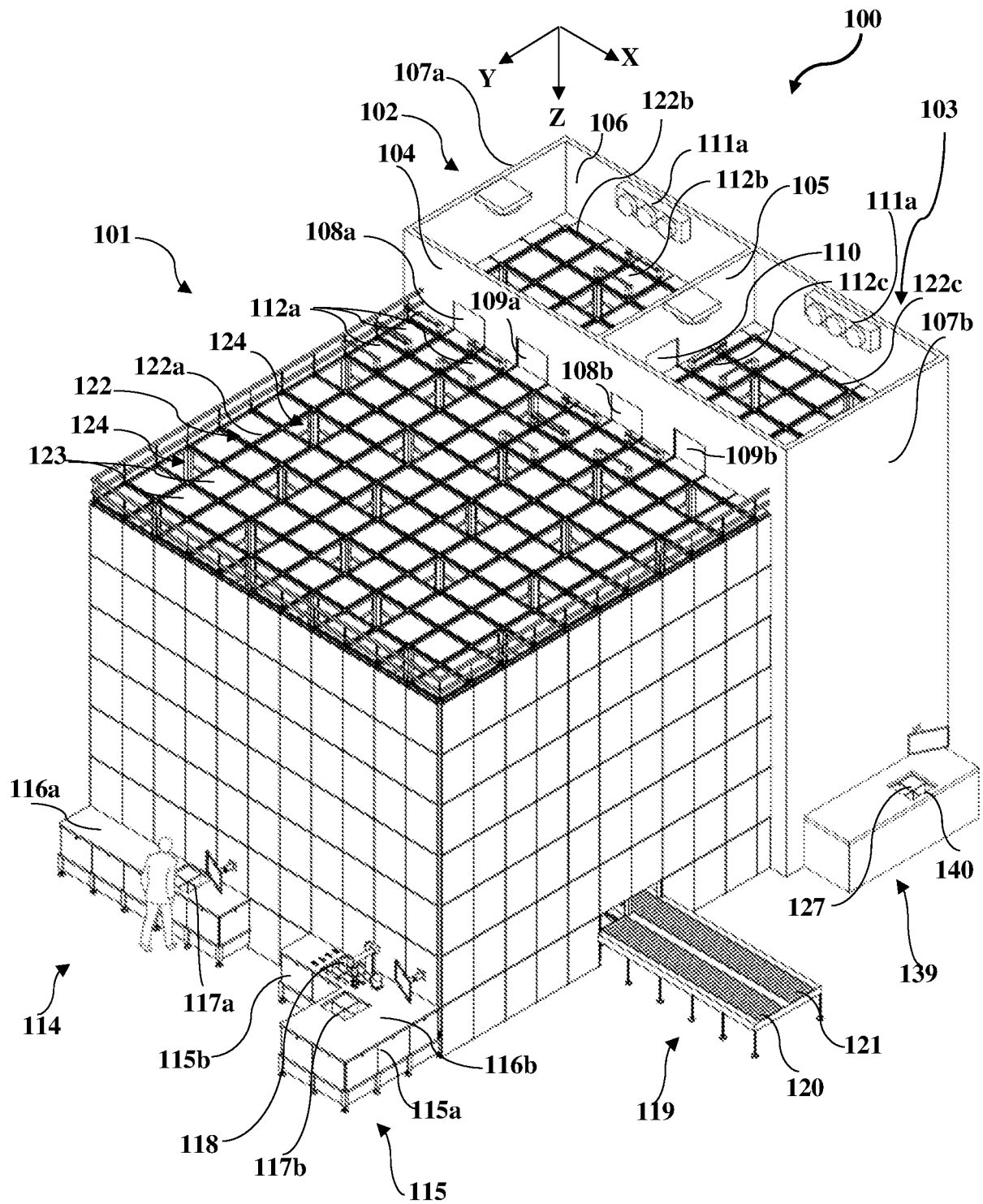


FIG. 6A

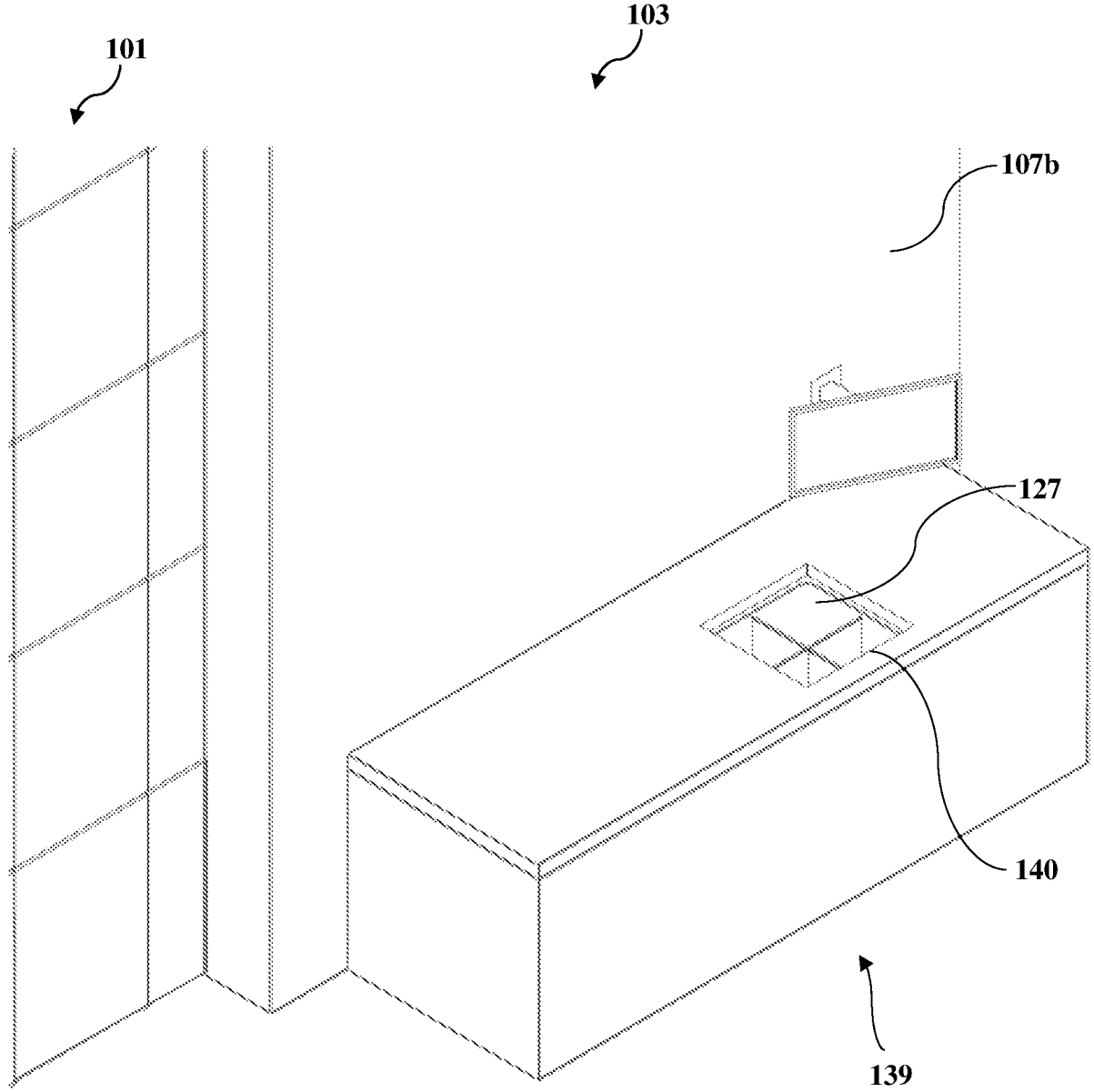


FIG. 6B

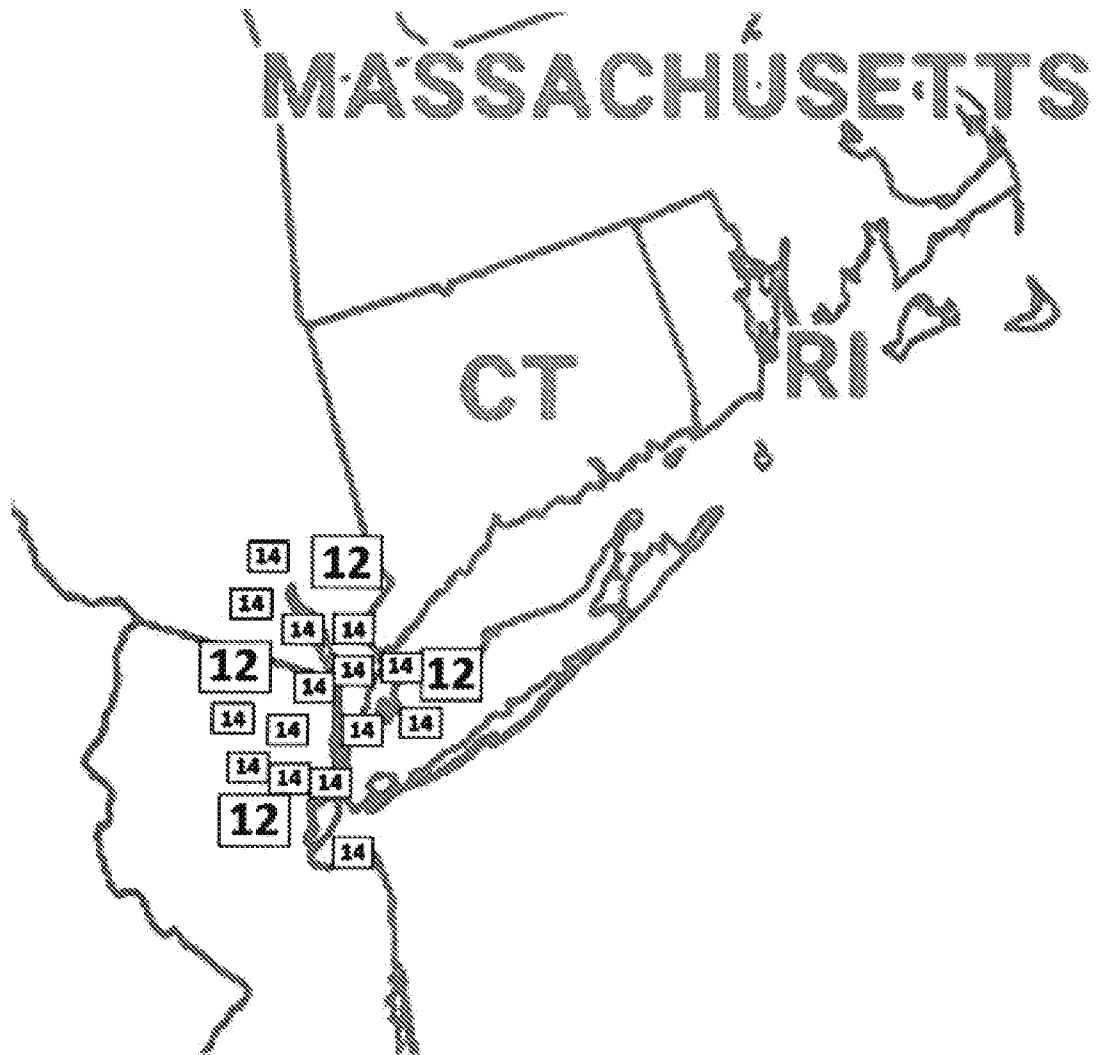


FIG. 7

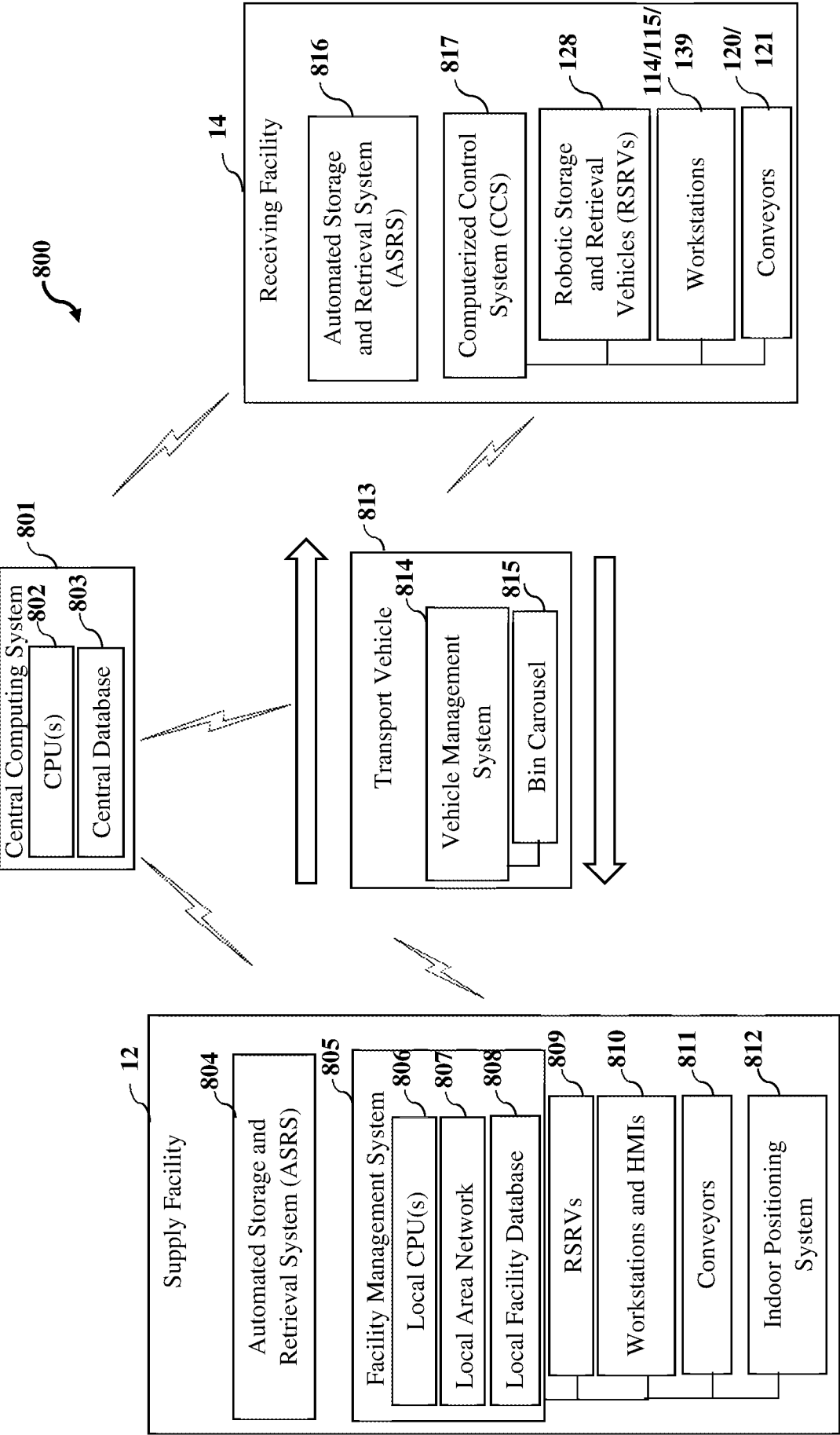


FIG. 8

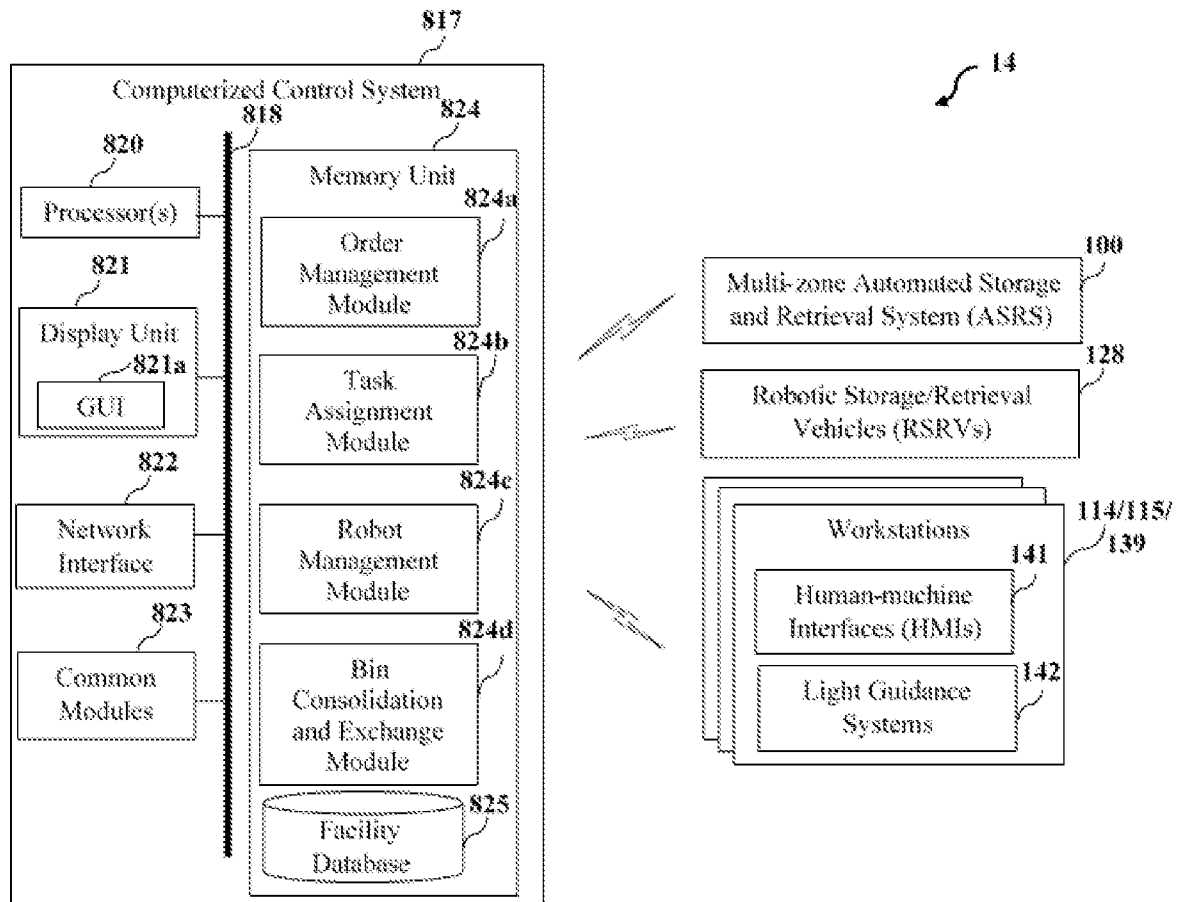


FIG. 9

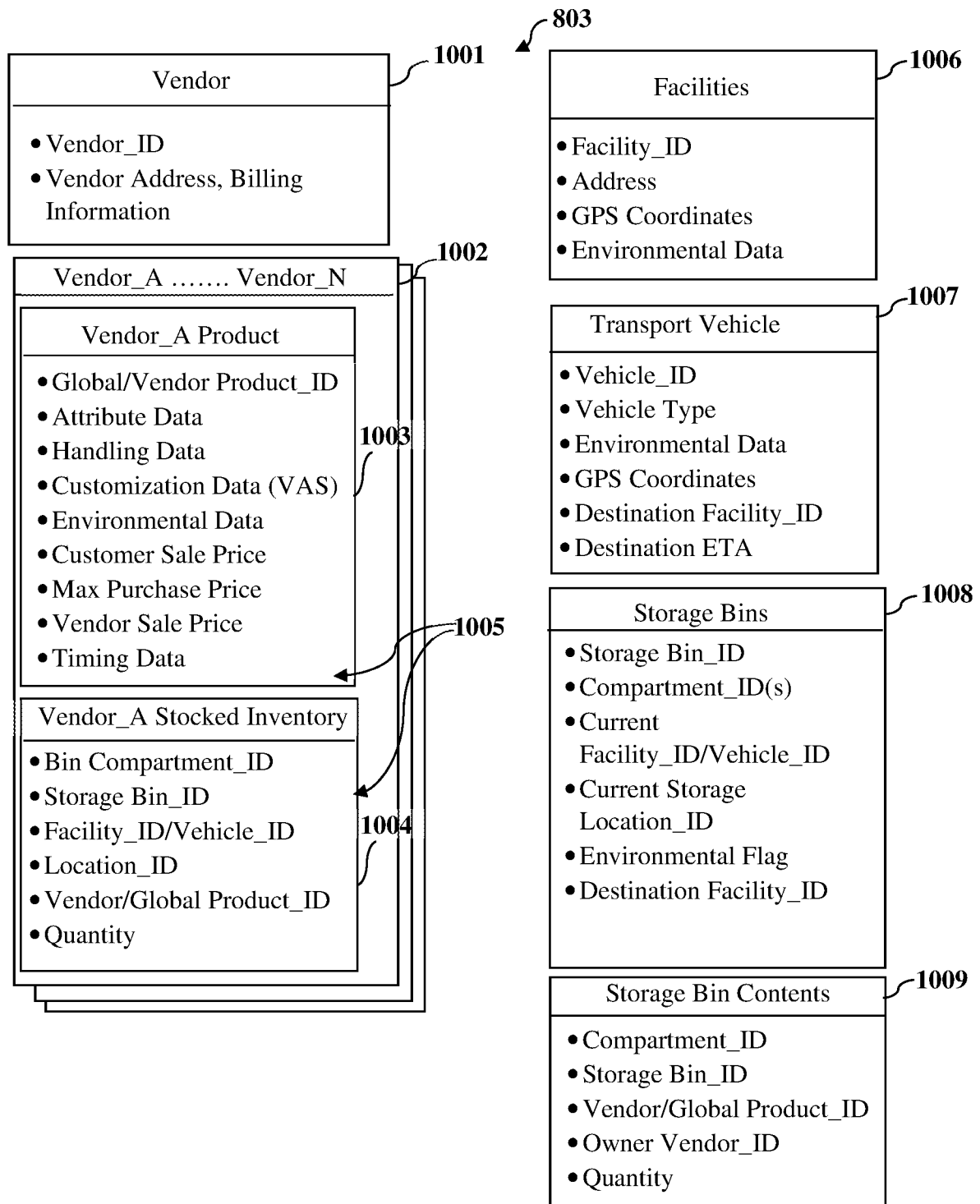


FIG. 10A

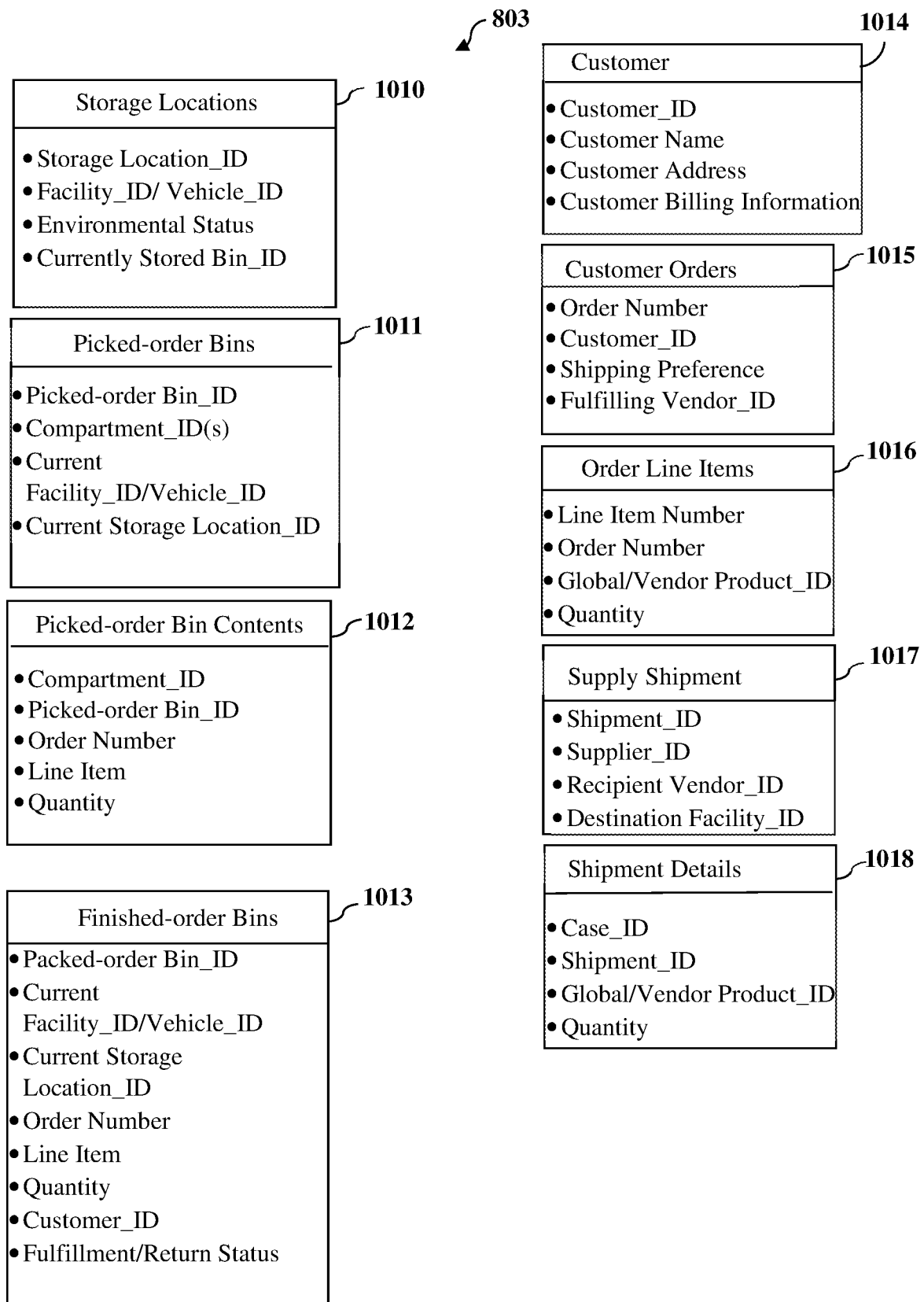


FIG. 10B

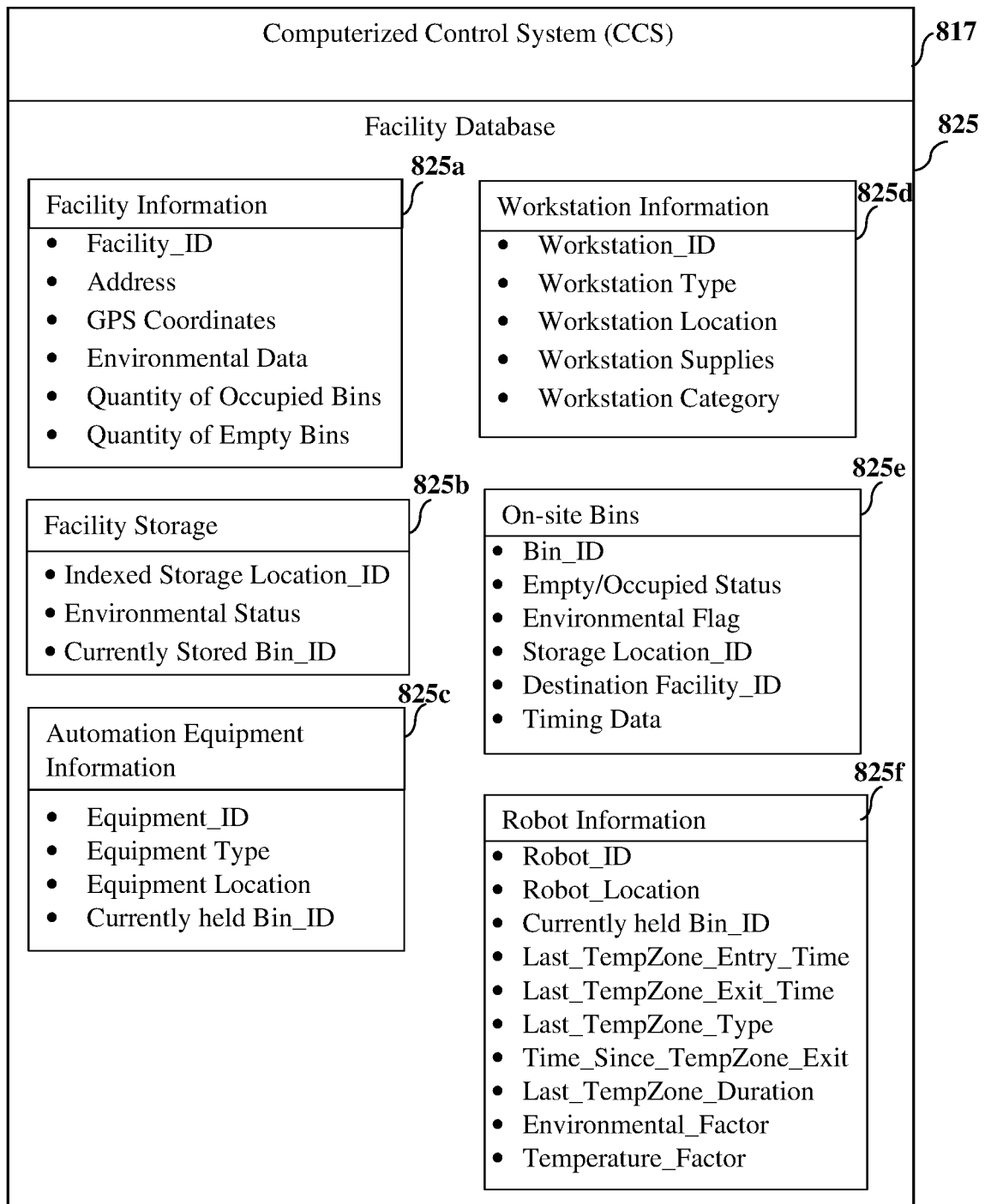
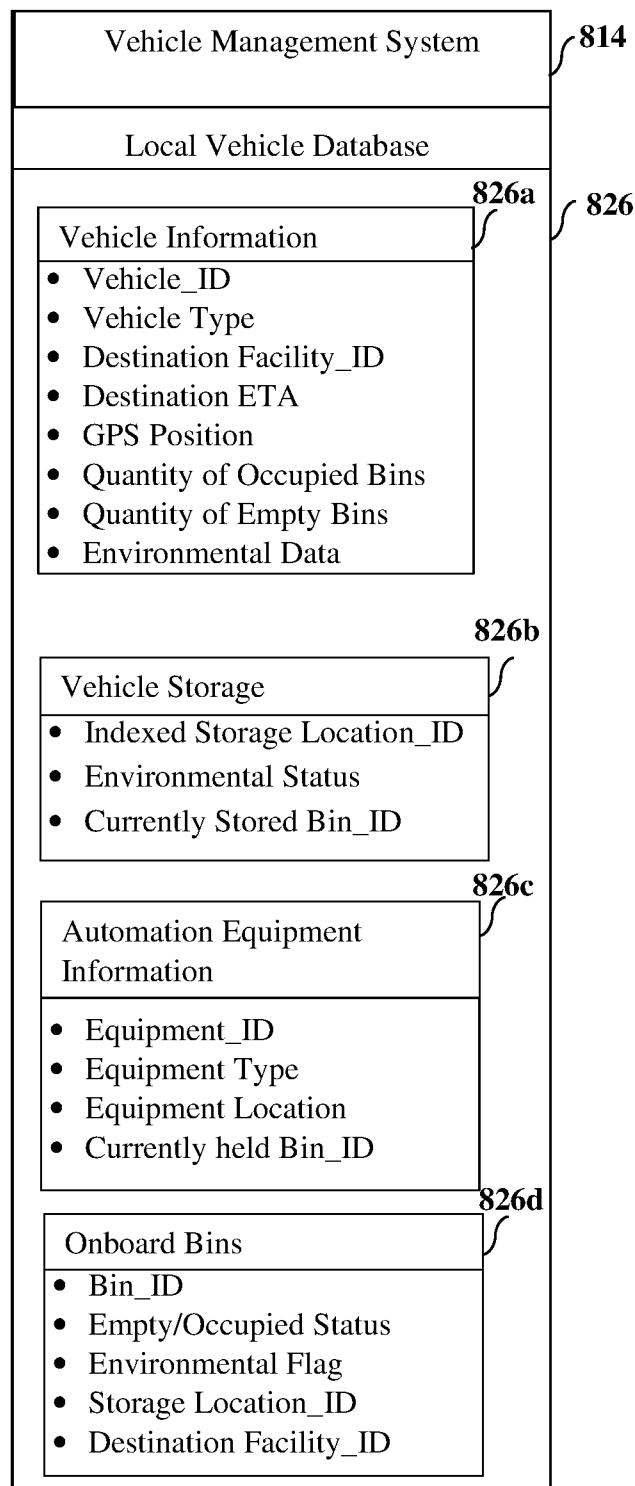


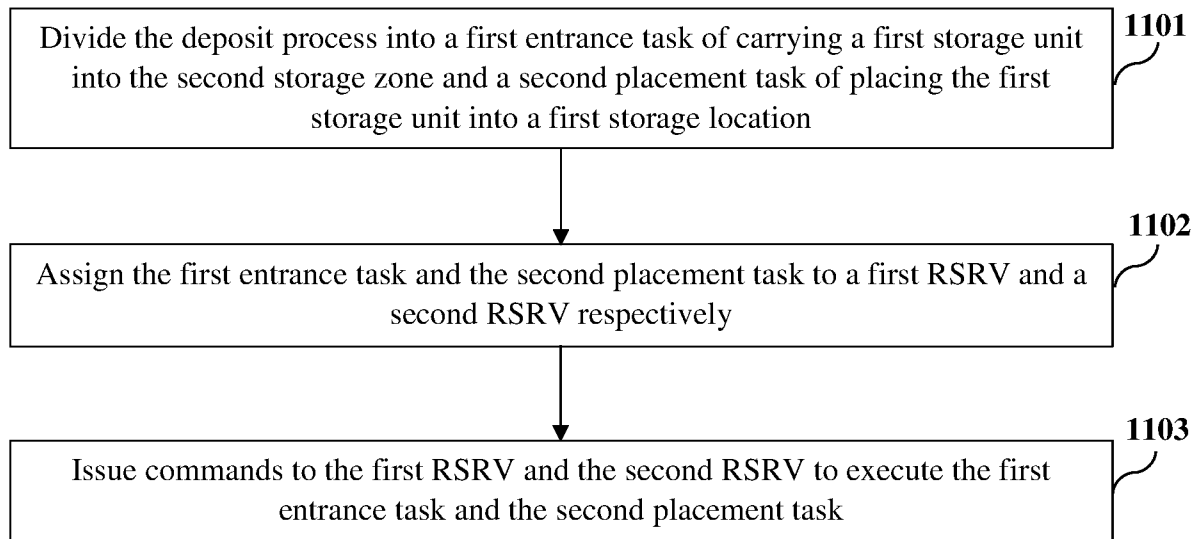
FIG. 10C

825f

Robot_ID	Last_Temp_Zone_Entry_Time	Last_Temp_Zone_Exit_Time	Last_Temp_Zone_Type	Time_Since_TempZone_Exit (seconds)	Last_TempZone_Duration (seconds)	Environmental_Factor	Temperature_Factor
A1	2:22:53 PM	2:23:25 PM	Freezer	296	32	2.3	4.02
A5	2:24:53 PM	2:25:30 PM	Freezer	171	37	2.3	2.01
D4	2:24:33 PM	2:25:31 PM	Chilled	170	58	1.2	2.44
B1	2:24:53 PM	2:25:32 PM	Chilled	169	39	1.2	3.61
F2	2:24:57 PM	2:25:36 PM	Freezer	165	39	2.3	1.84
F3	2:24:57 PM	2:25:36 PM	Chilled	165	39	2.3	1.84
C3	2:24:46 PM	2:25:36 PM	Chilled	165	50	1.2	2.75
A3	2:25:58 PM	2:26:43 PM	Freezer	98	45	2.3	0.95
B2	2:26:09 PM	2:26:46 PM	Freezer	95	37	2.3	1.12

FIG. 10D

**FIG. 10E**

**FIG. 11**

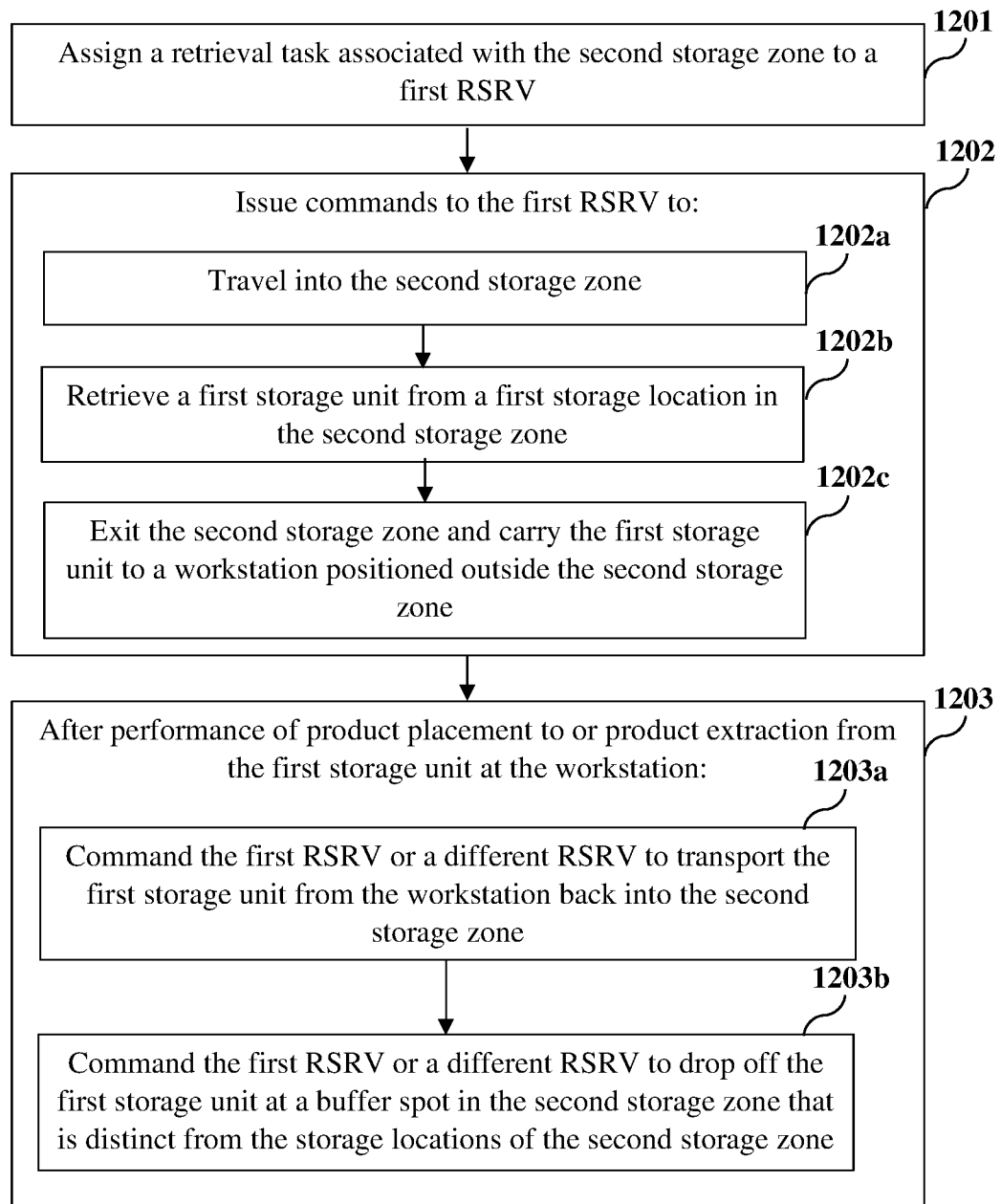


FIG. 12

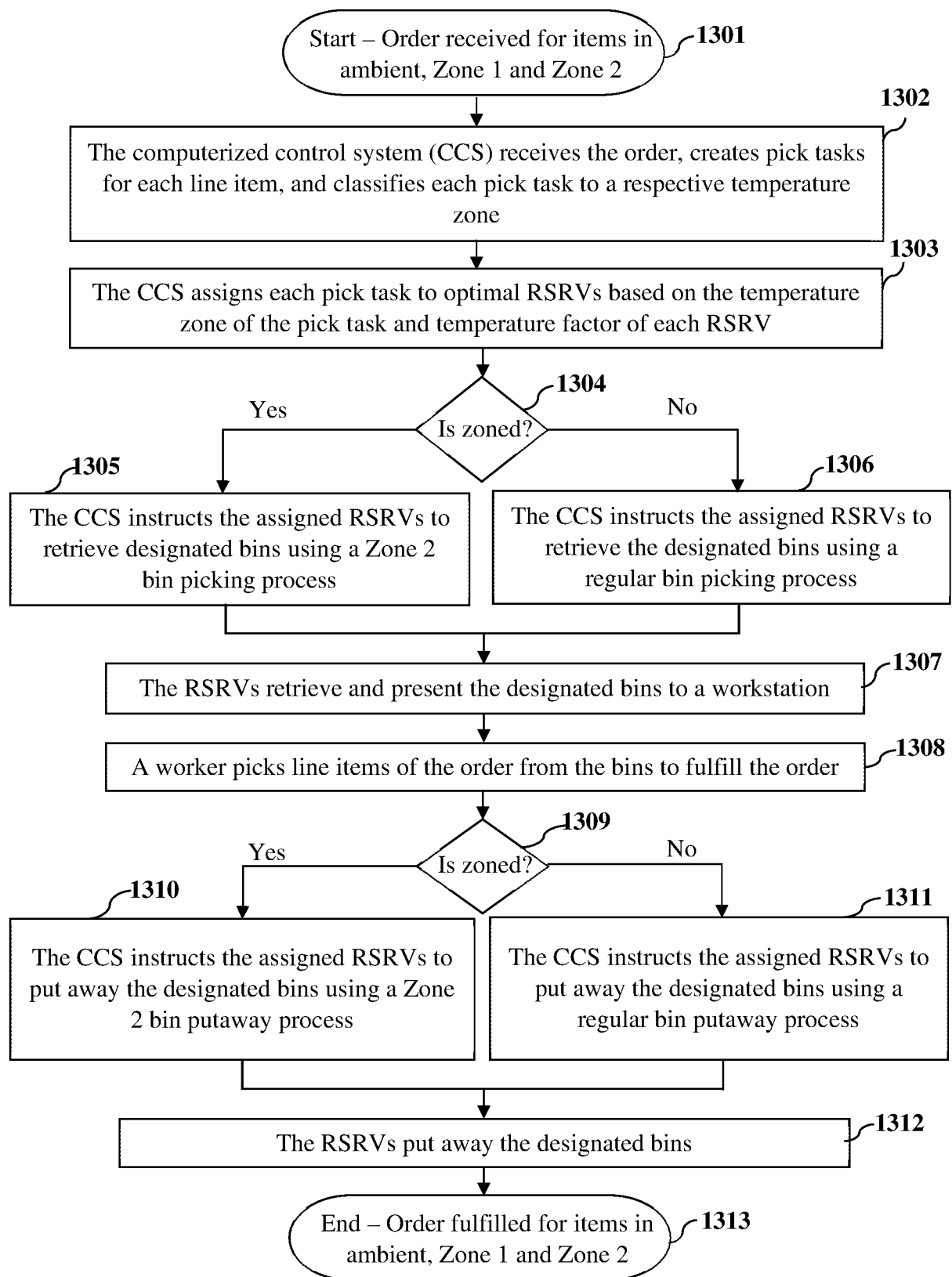


FIG. 13

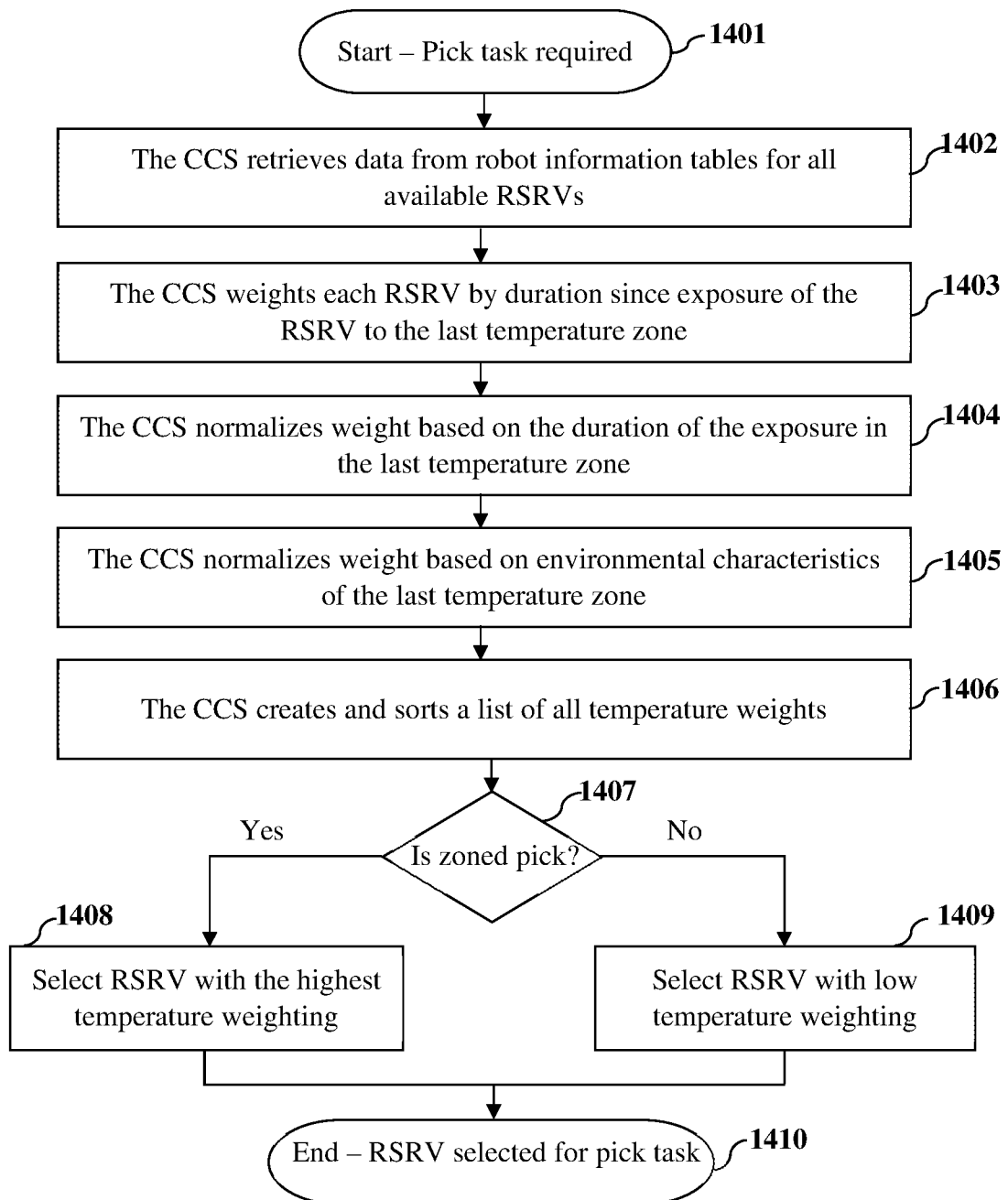


FIG. 14

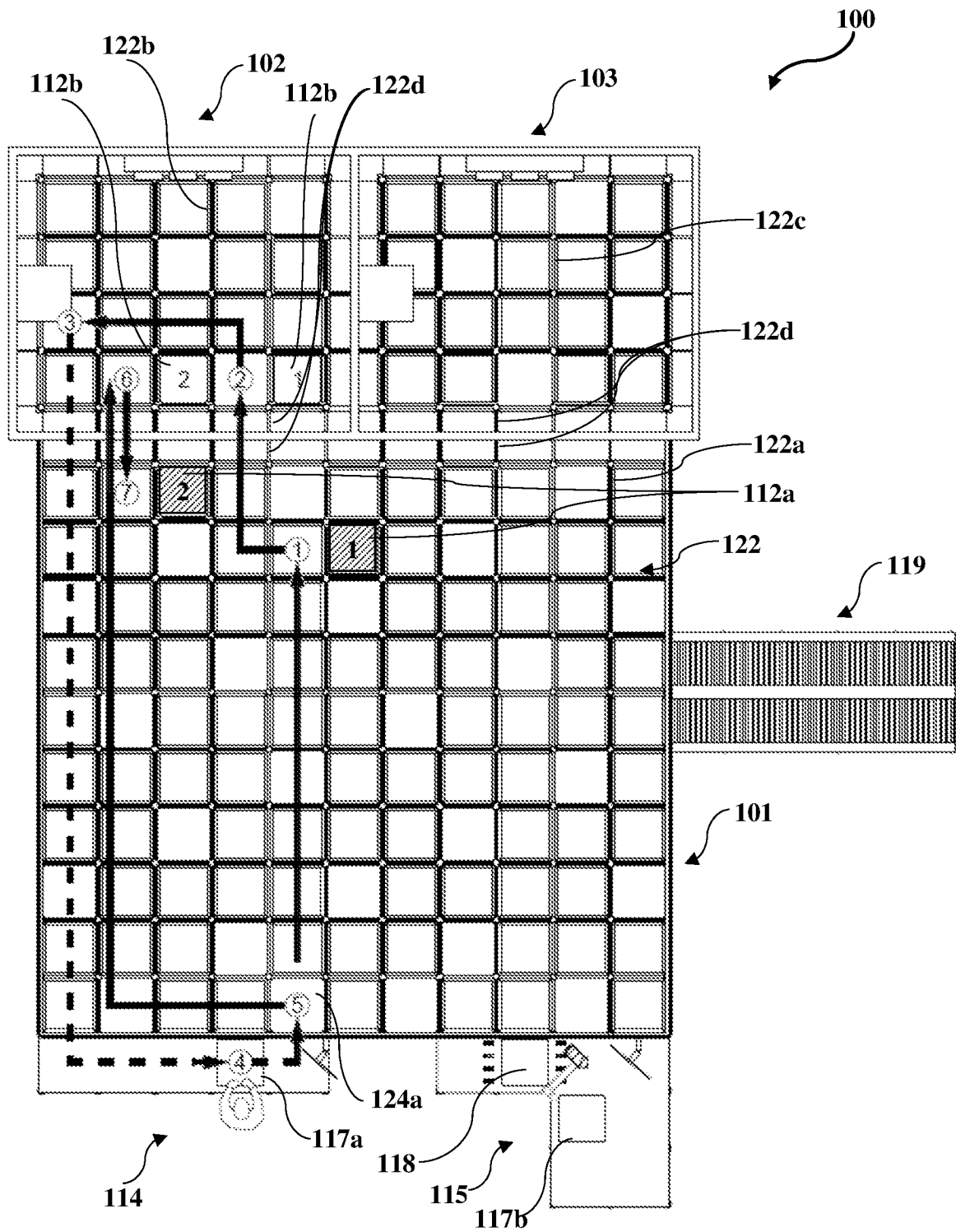


FIG. 15

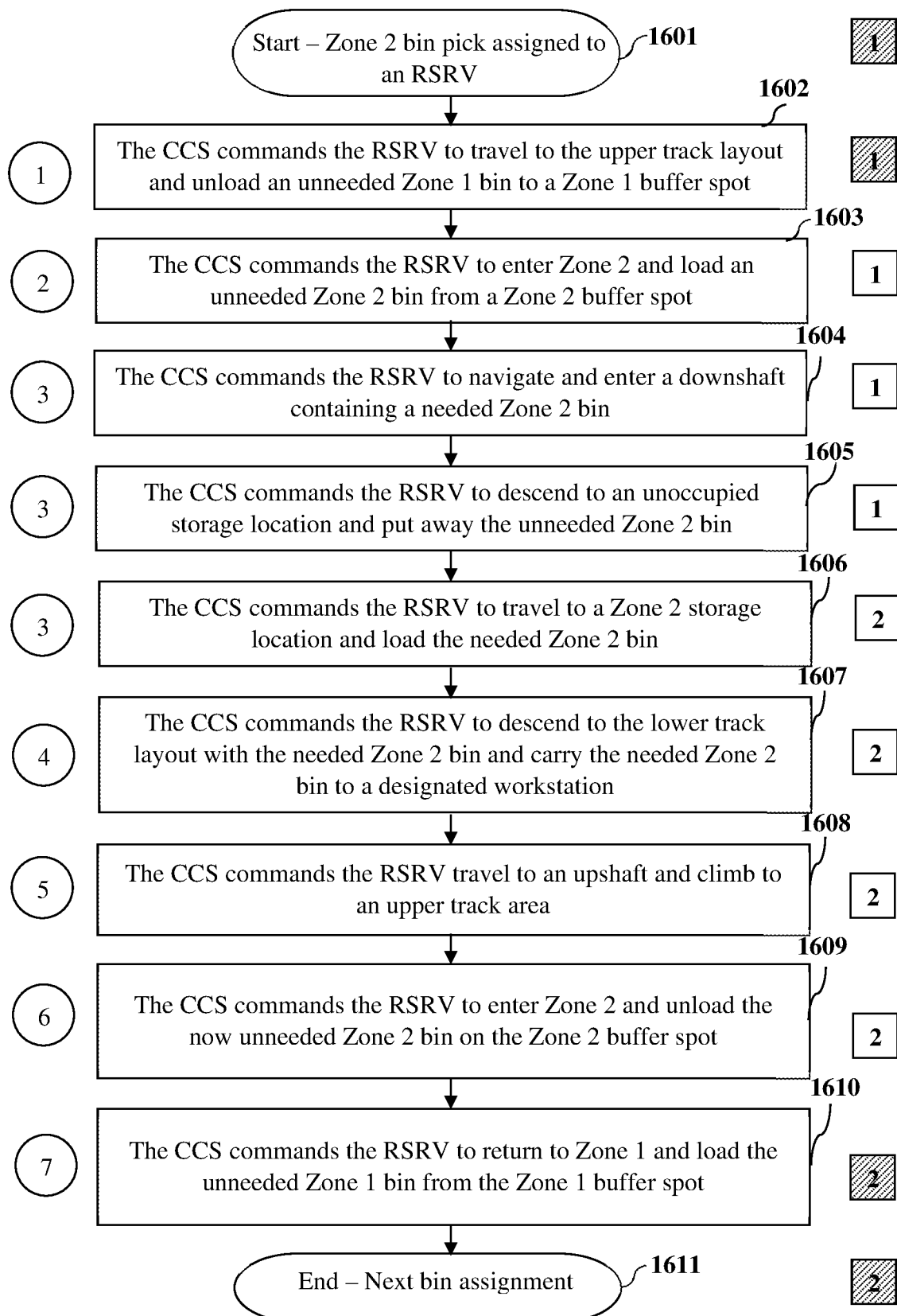


FIG. 16

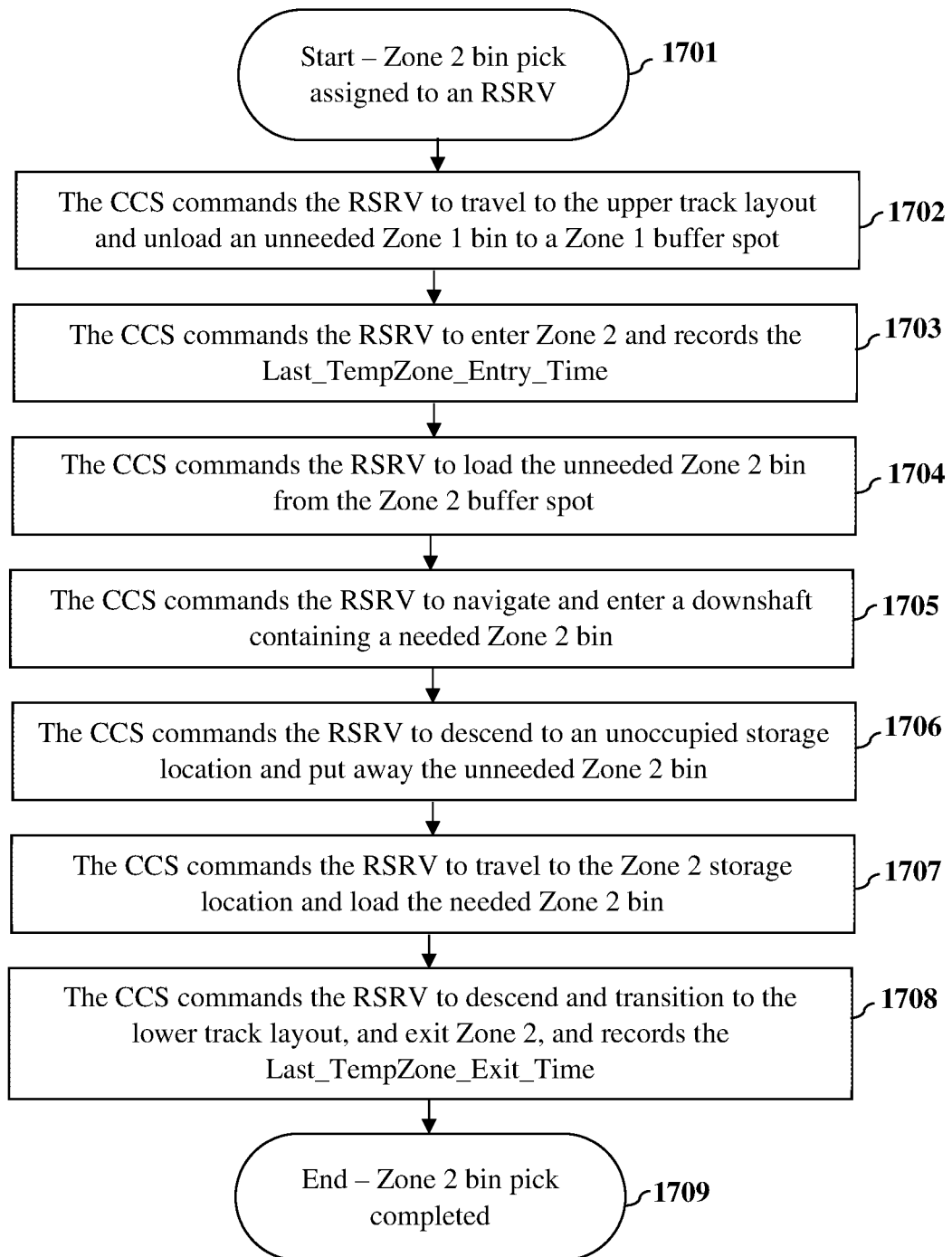
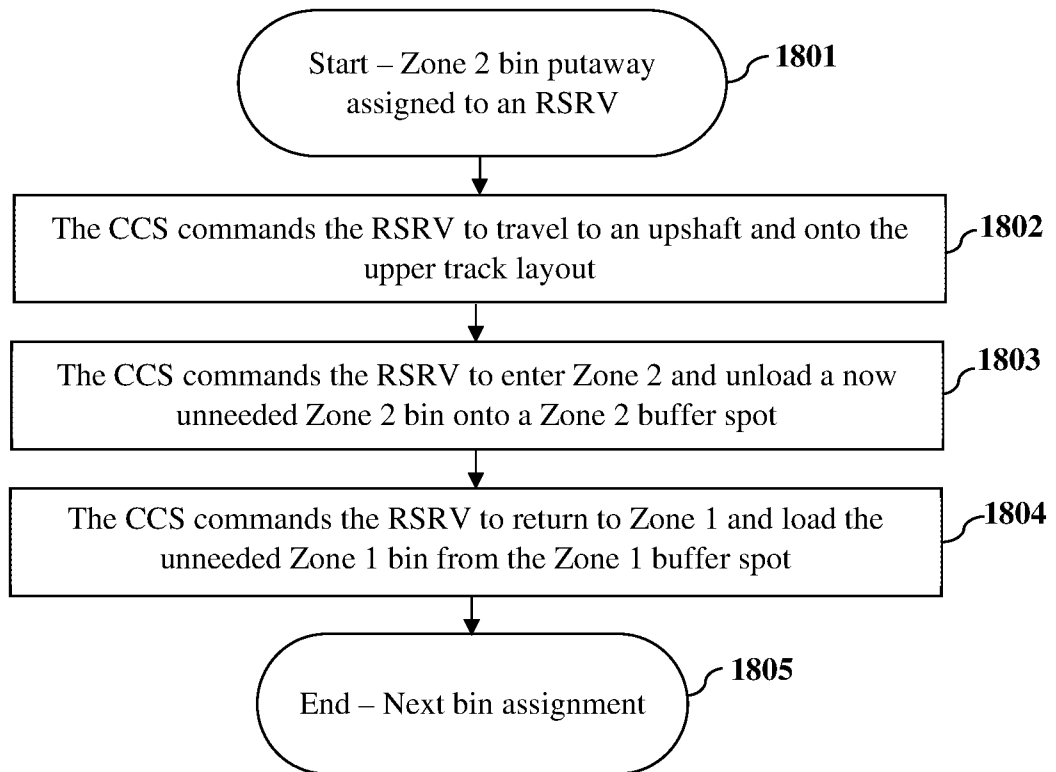
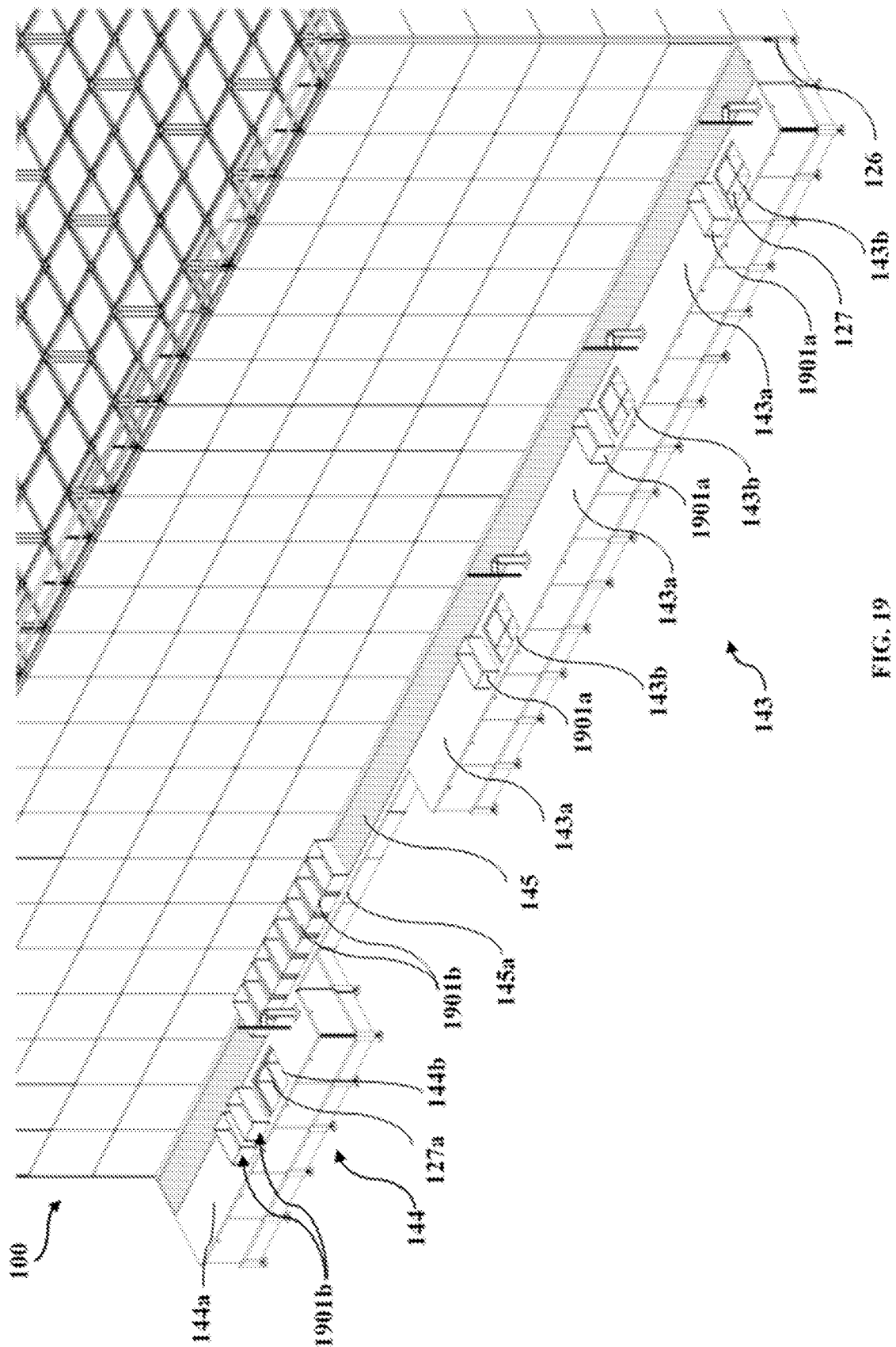


FIG. 17

**FIG. 18**



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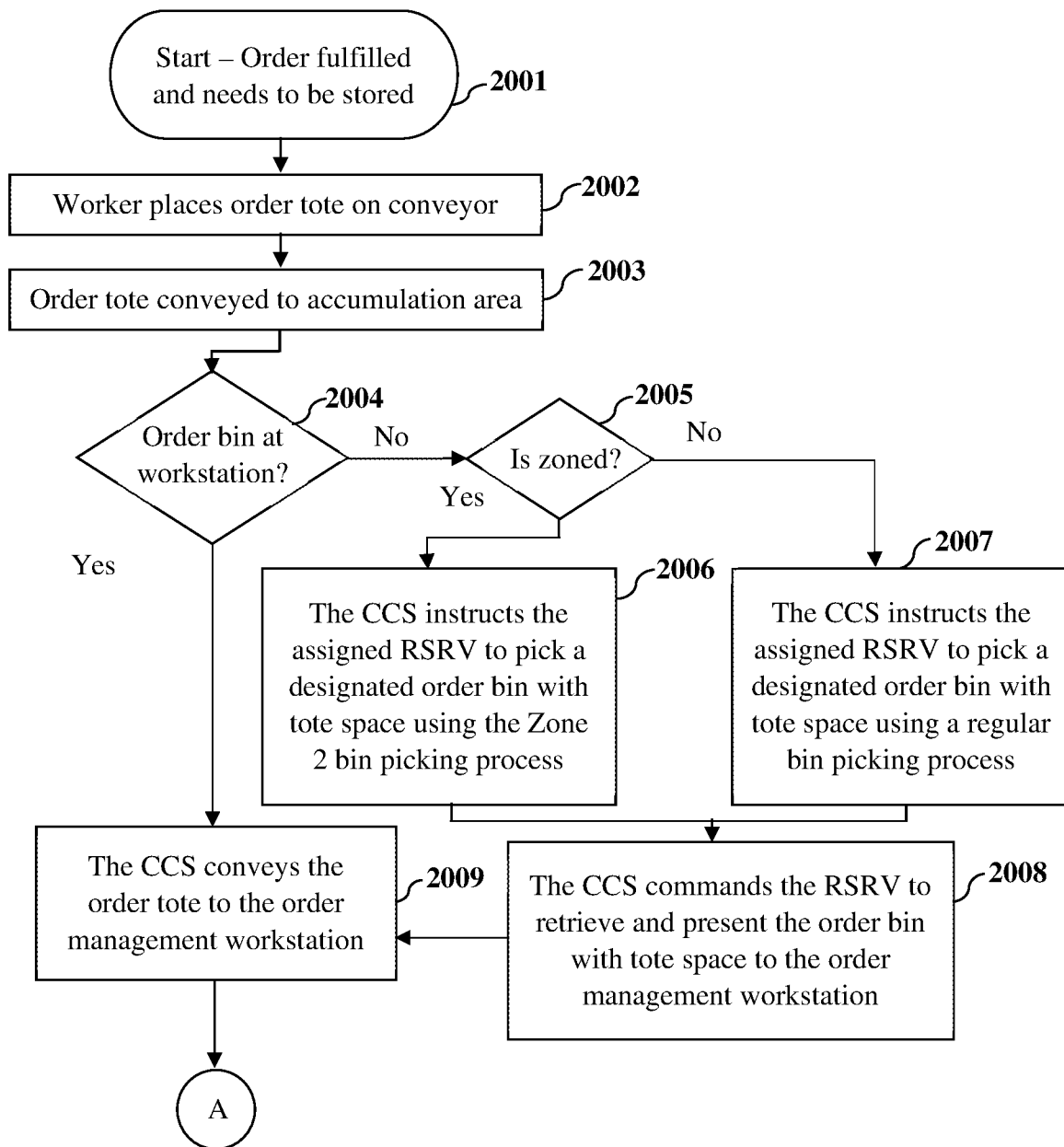


FIG. 20A

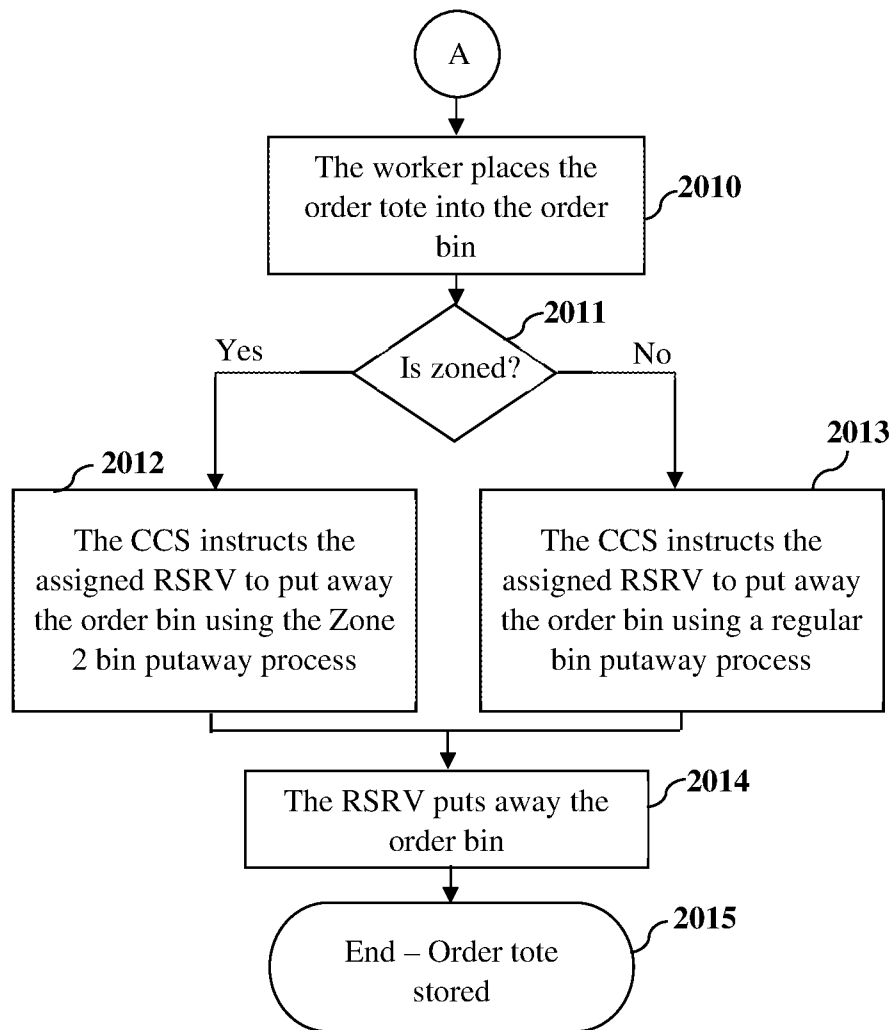


FIG. 20B

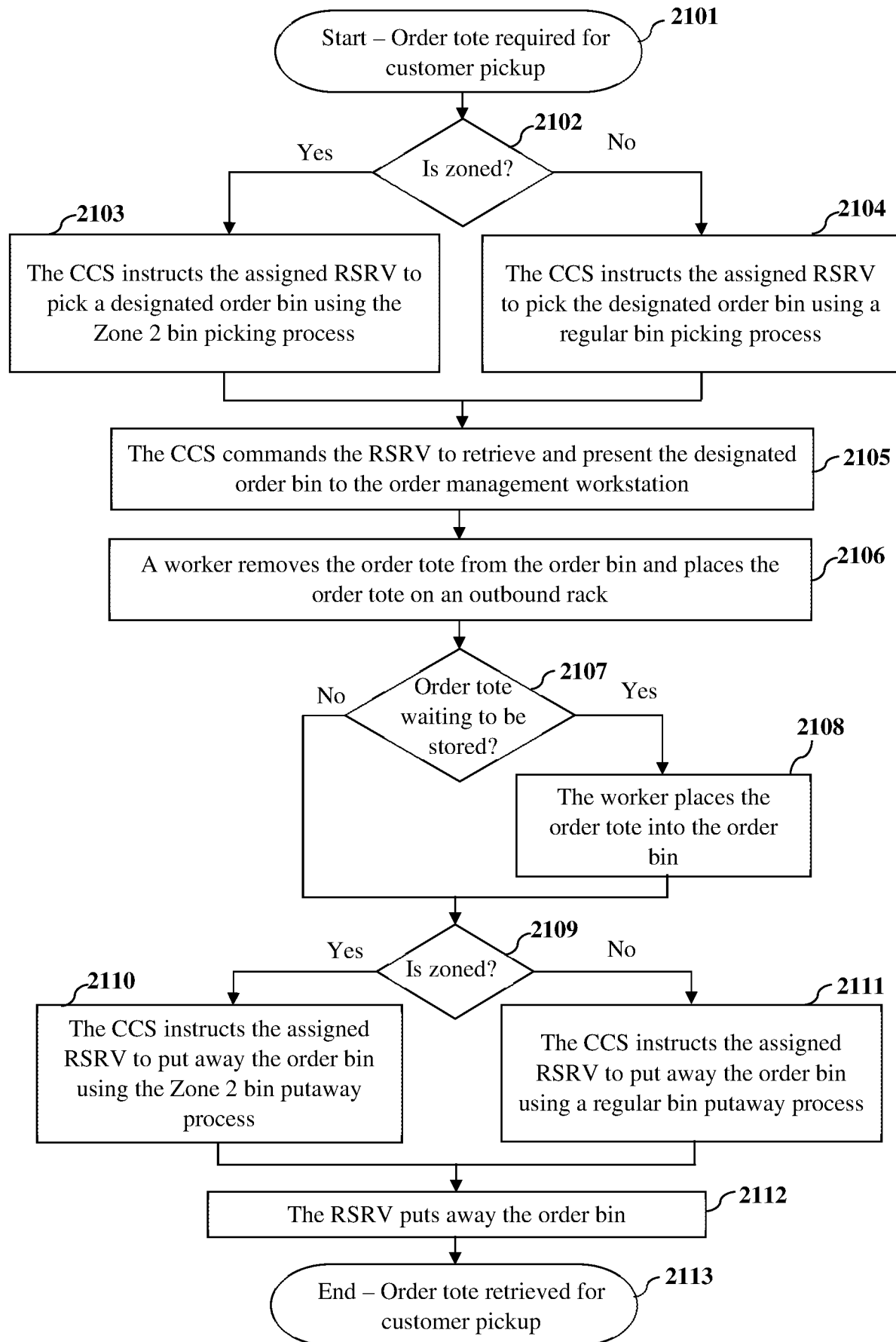


FIG. 21

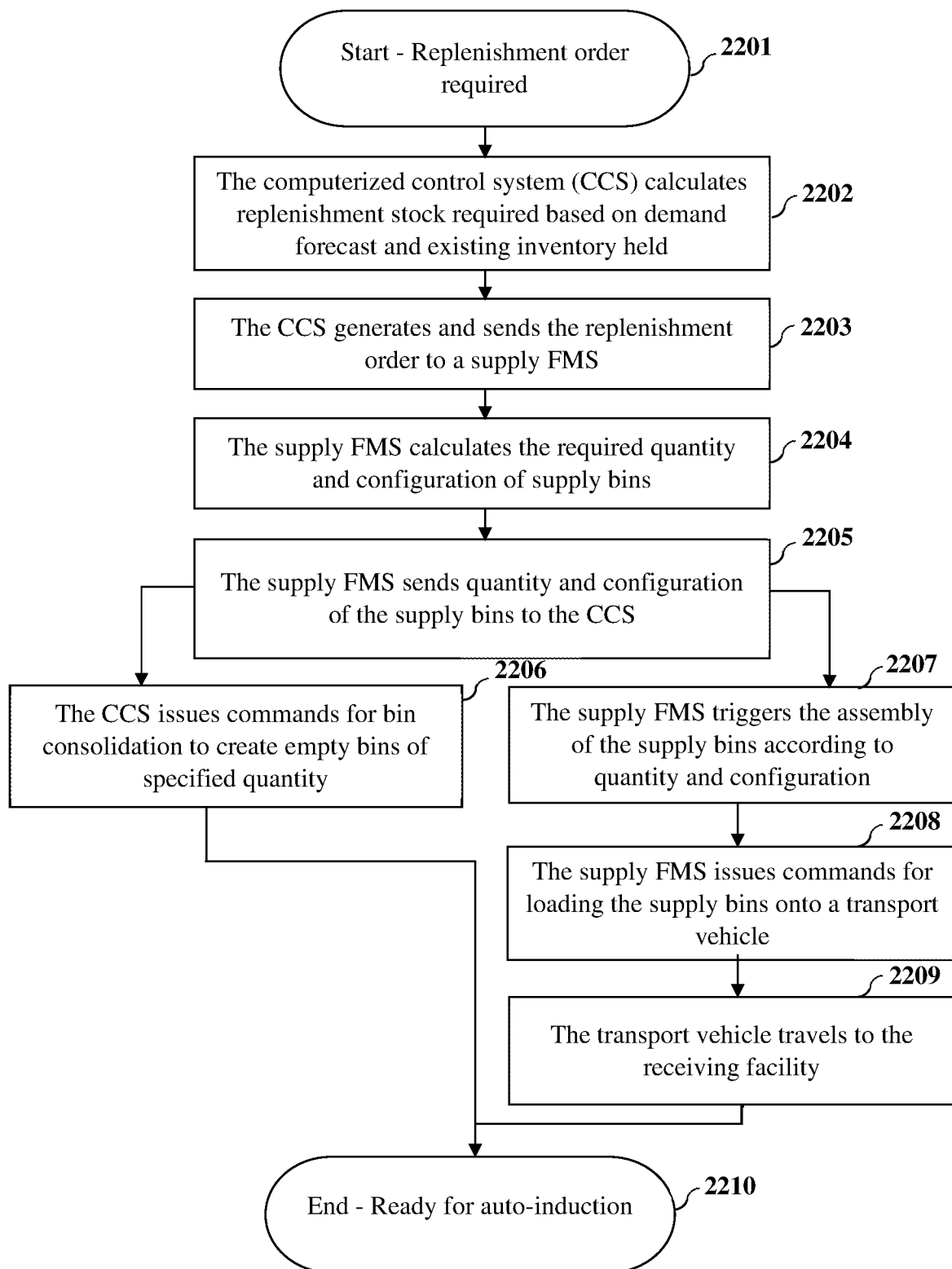


FIG. 22

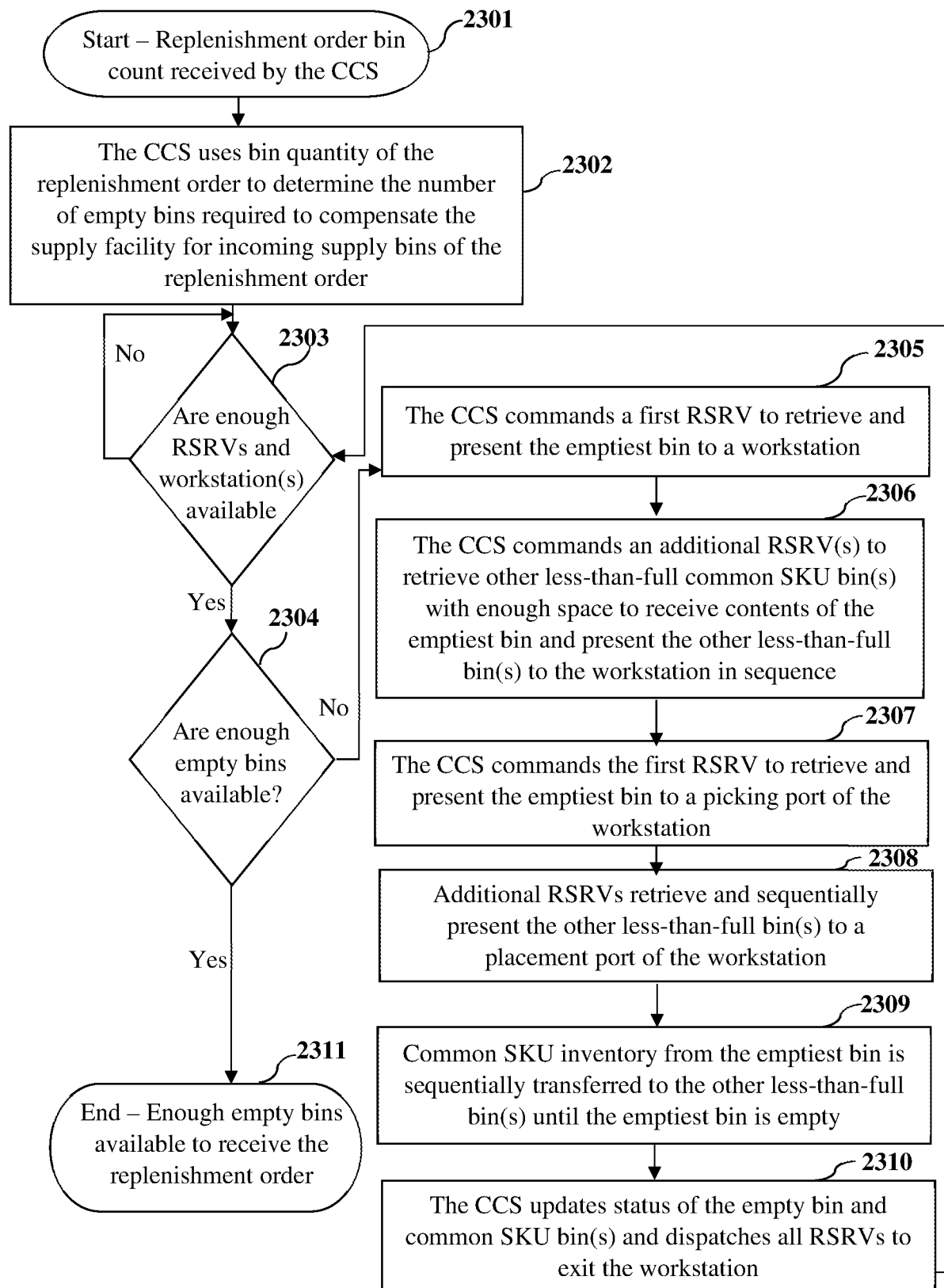


FIG. 23

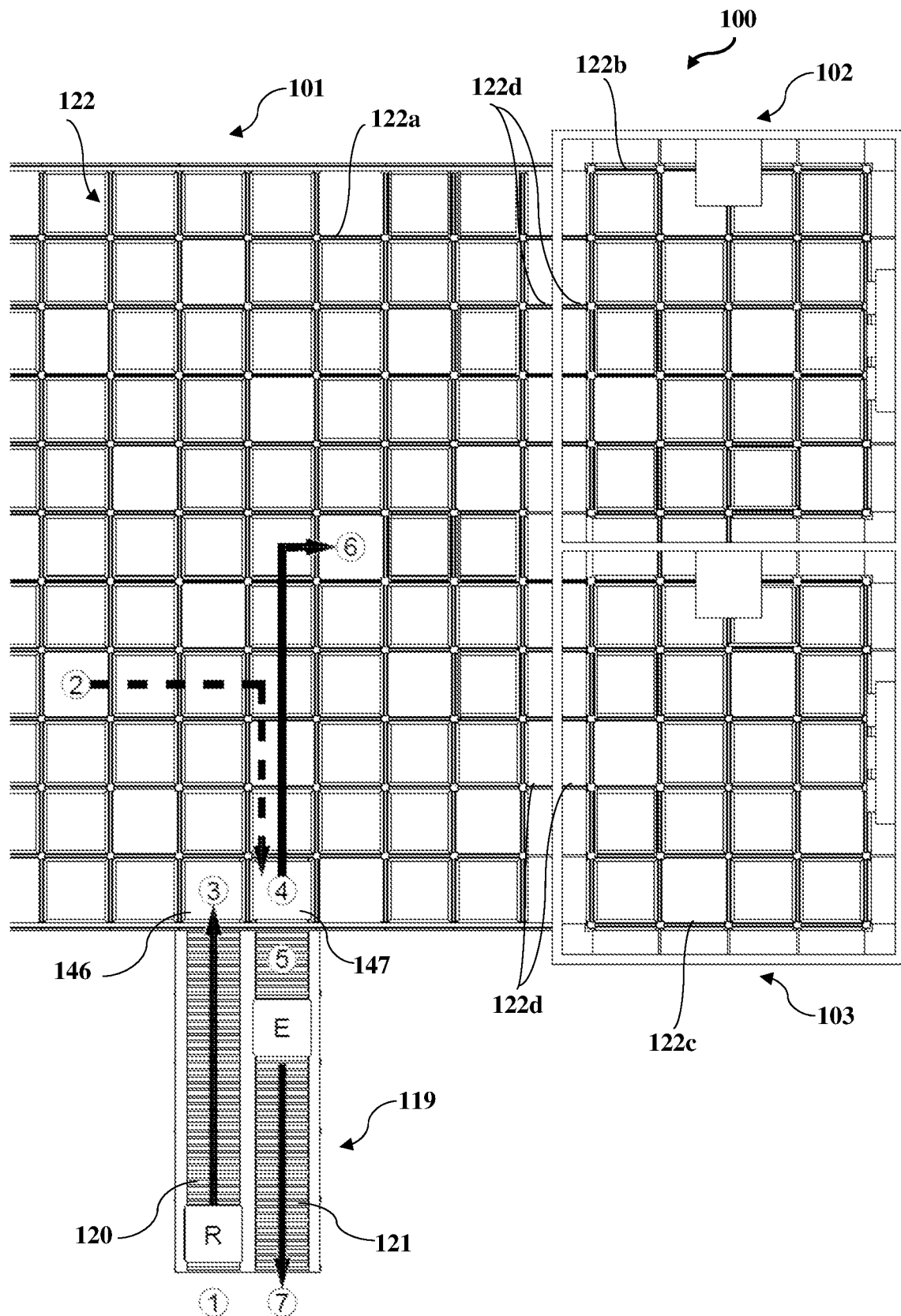


FIG. 24

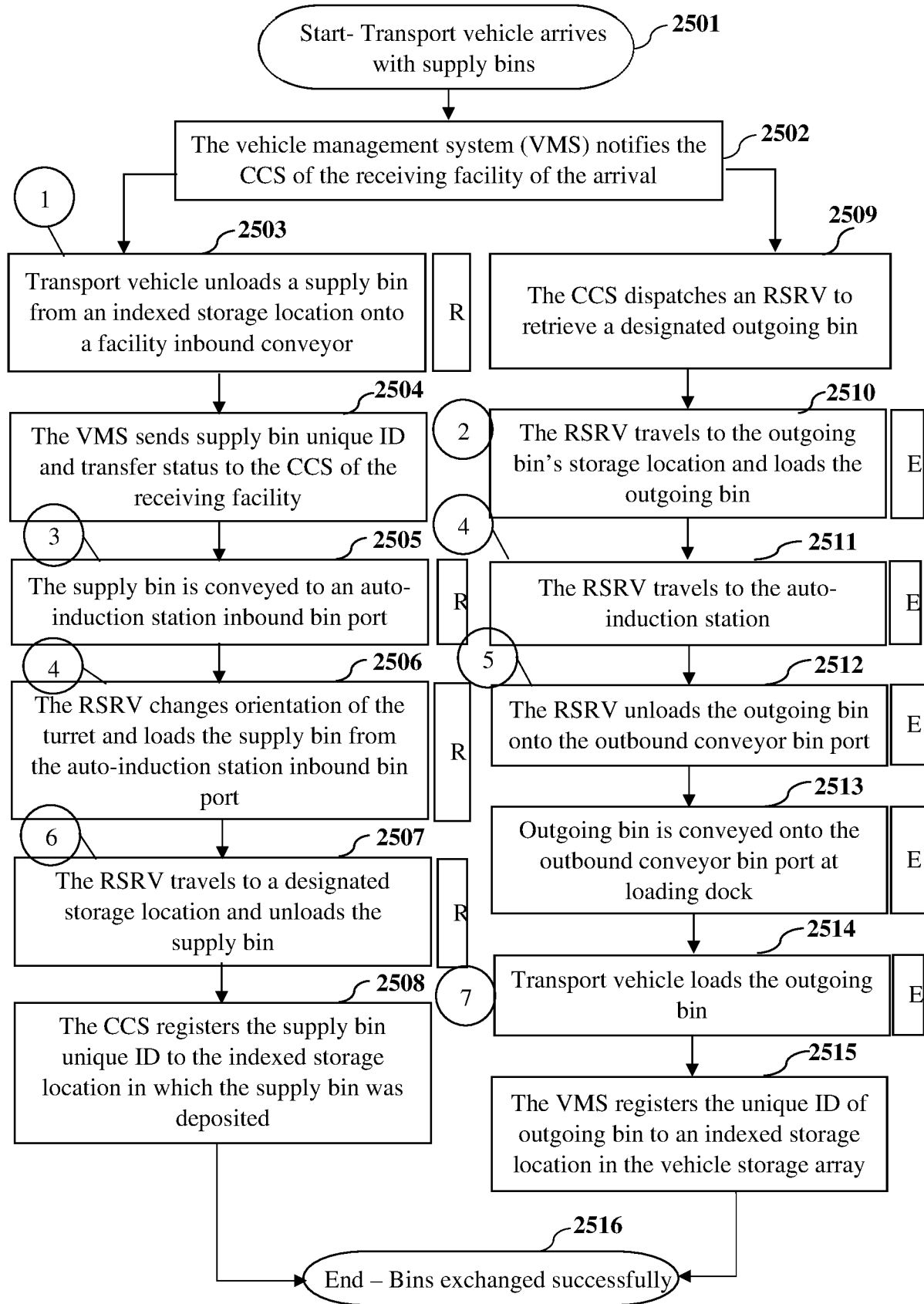


FIG. 25

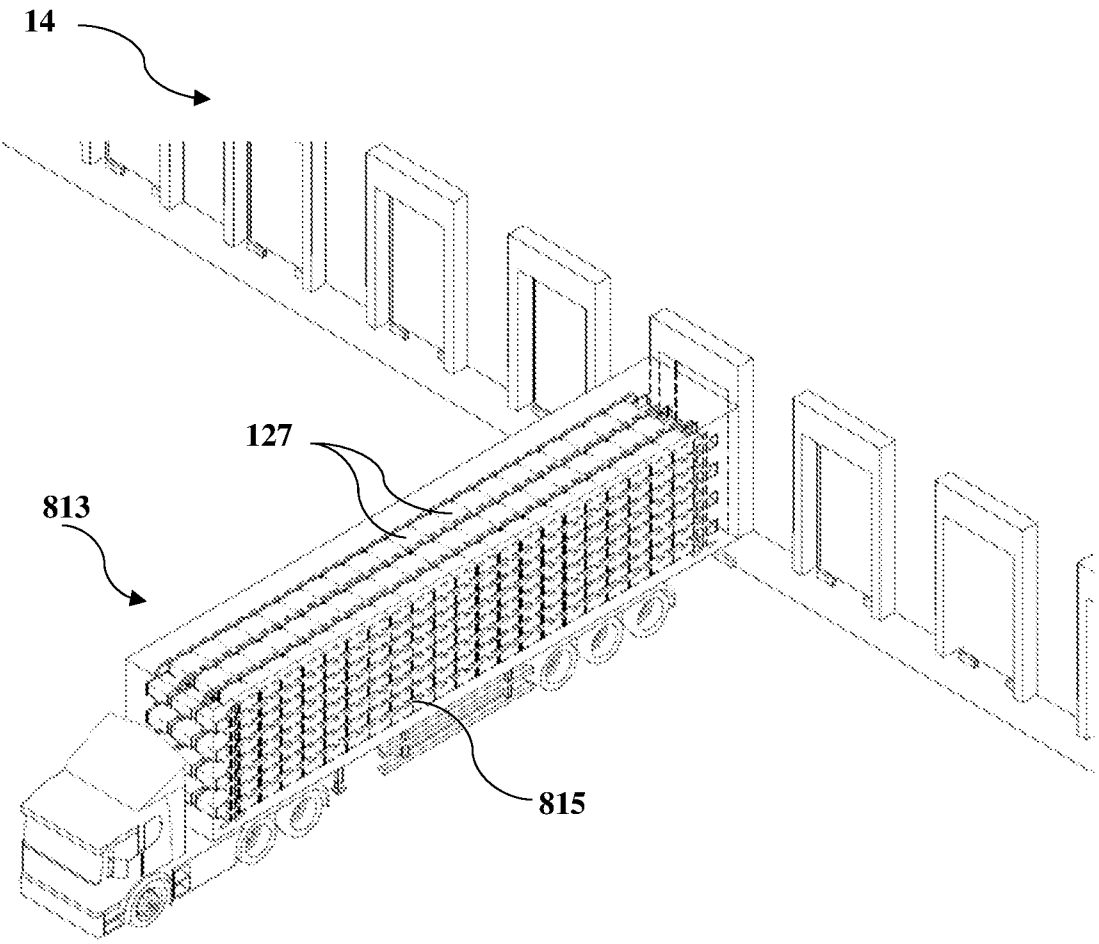


FIG. 26