

FIG. 1

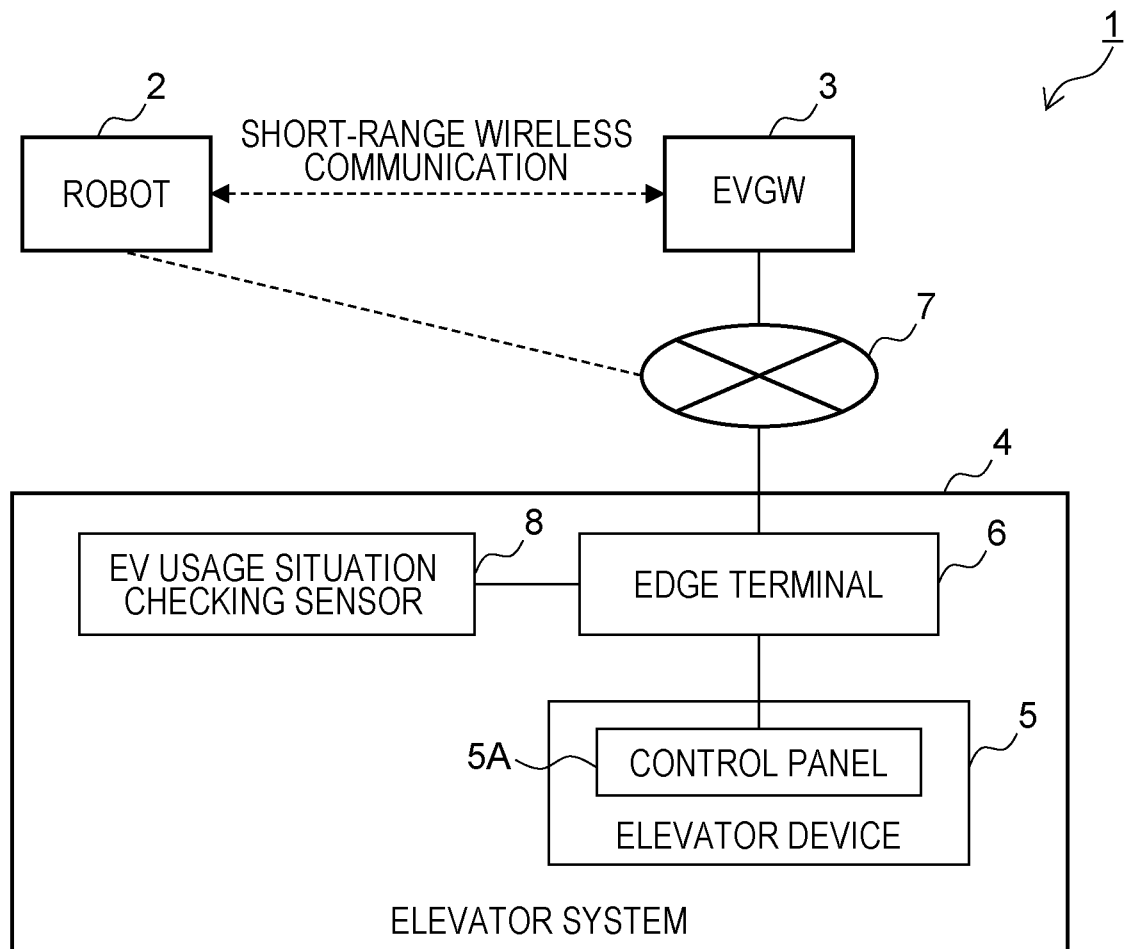


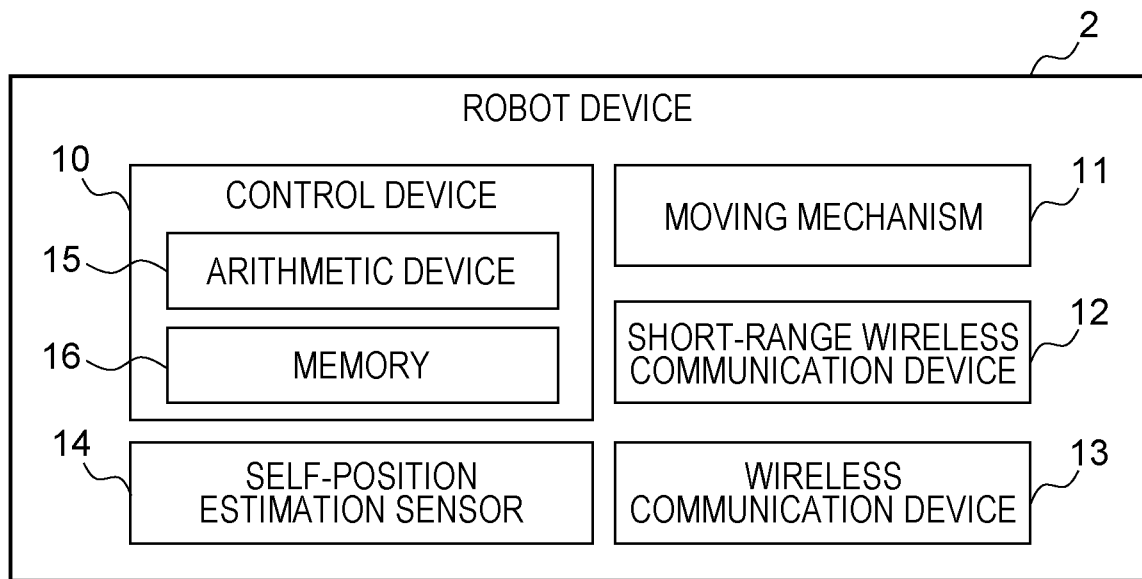
FIG. 2

FIG. 3

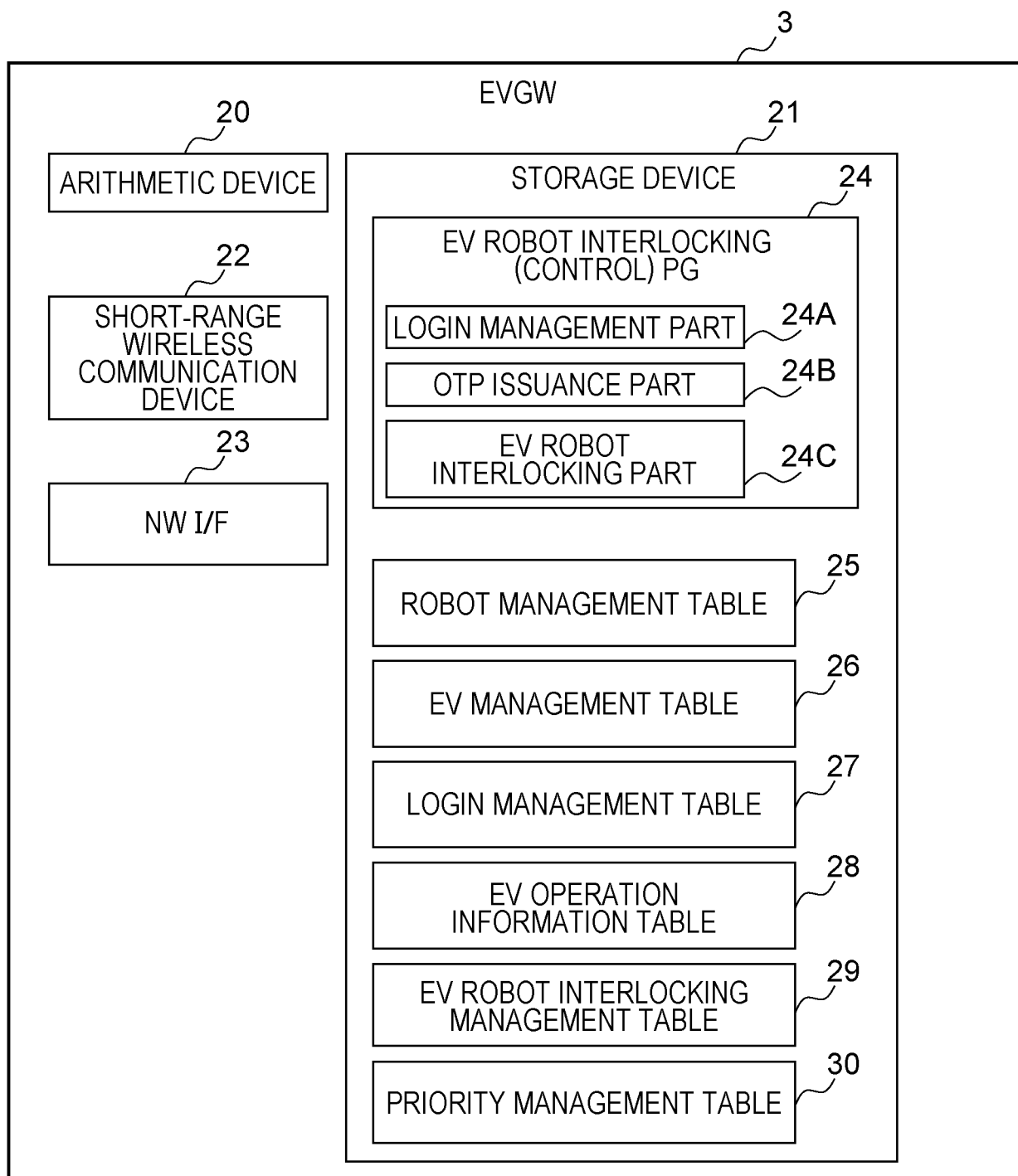


FIG. 425

ROBOT ID	ROBOT CLASS	ID VALID PERIOD	PASSWORD
A1001	TRANSPORT	2020/07/27 12:34:56	AAAAA
A1002	SECURITY	2022/03/12 10:33:11	BBBBB
...	...	...	...

25A 25B 25C 25D

FIG. 526

EV ID	INSTALLATION PLACE ID	UNIT NUMBER
A1001	P3001	1
A1002	P3001	2
...	...	...

26A 26B 26C

FIG. 6

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ROBOT ID	OTP	OTP ISSUE TIME	OTP EXPIRATION DATE	FINAL LOGIN TIME	LOGIN FREQUENCY	FINAL INTERLOCKING TIME
A1001	xxxx	2021/07/27 12:34:00	2021/07/27 12:35:00	2021/07/27 12:34:21	11	2021/07/26 18:57:04
A1002	yyyy	2021/07/23 21:00:00	2021/07/23 21:01:00	2021/07/23 21:00:40	3	2021/07/23 21:02:56
...	...	...	...	...	...	...
27A	27B	27C	27D	27E	27F	27G

FIG. 7

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EV ID	CURRENT FLOOR	DESTINATION FLOOR	MOVING DIRECTION	DOOR OPEN AND CLOSE STATE	ROBOT INTERLOCKING STATE	OPERATION MODE
E2001	3	1	DOWN	CLOSED	INTERLOCKING	DEDICATED TO ROBOT
E2002	1	—	STOPPING	CLOSED	—	NOT DEDICATED TO ROBOT
...	...	...	...	...	...	...
28A	28B	28C	28D	28E	28F	28G

FIG. 8

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EV ID	INTERLOCKING ROBOT ID	ACCESS TOKEN	EV INTERLOCKING REQUEST APPROVAL TIME
E2001	A1001	xxxxx	2021/07/27 12:34:31
E2002	A1002	yyyyy	2021/07/23 21:00:50
...	...	...	...
29A	29B	29C	29D

FIG. 9

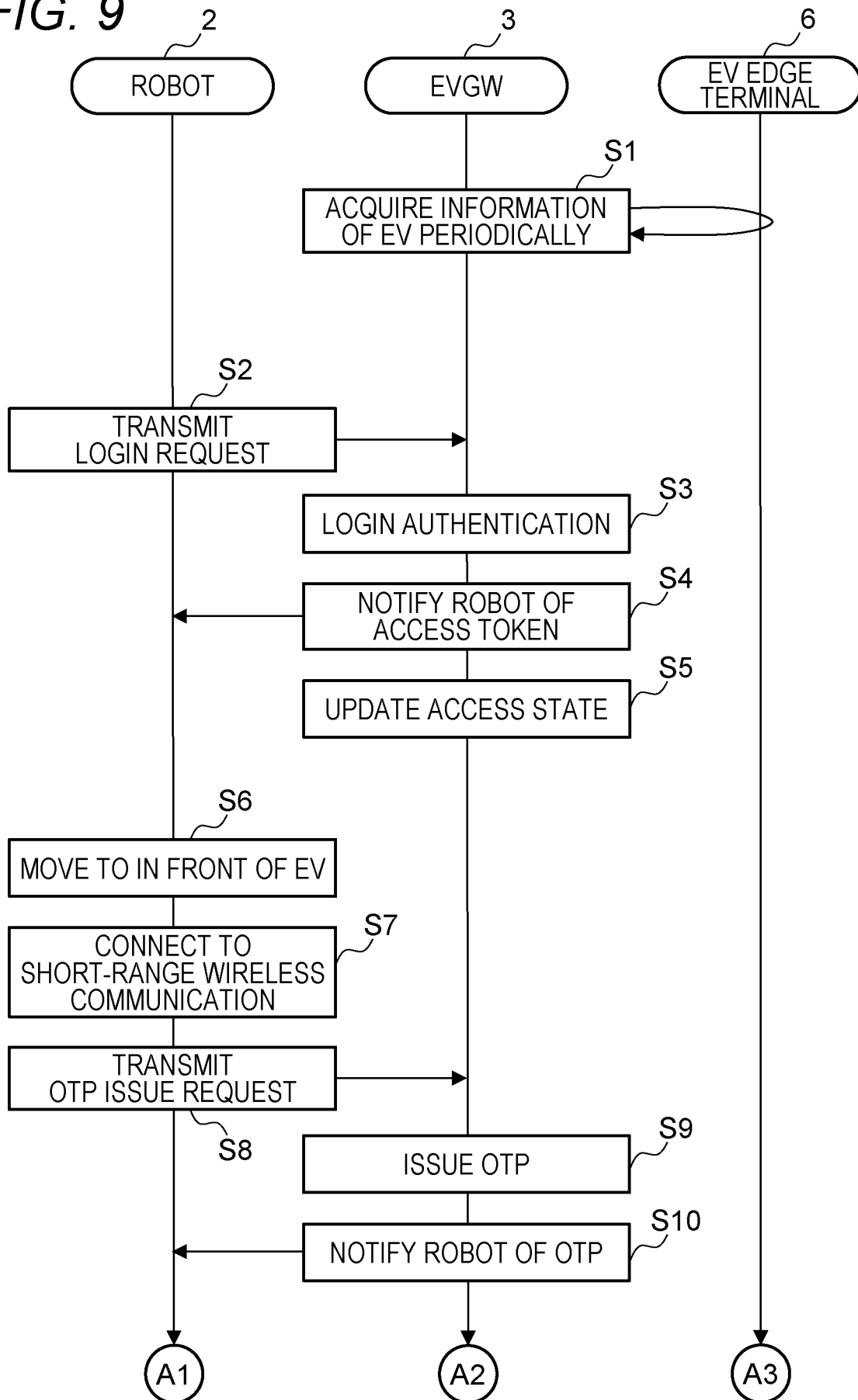


FIG. 10

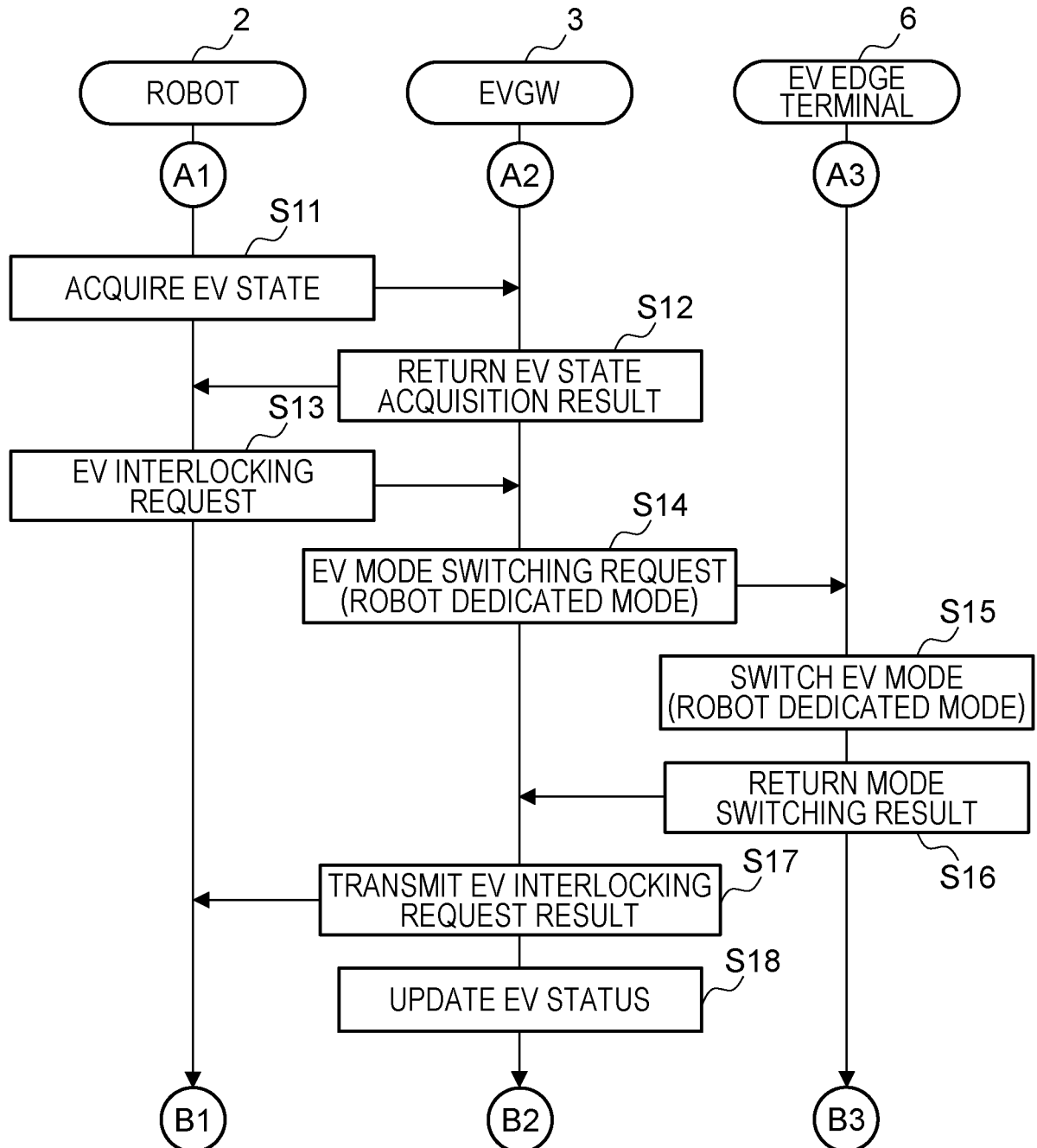


FIG. 11

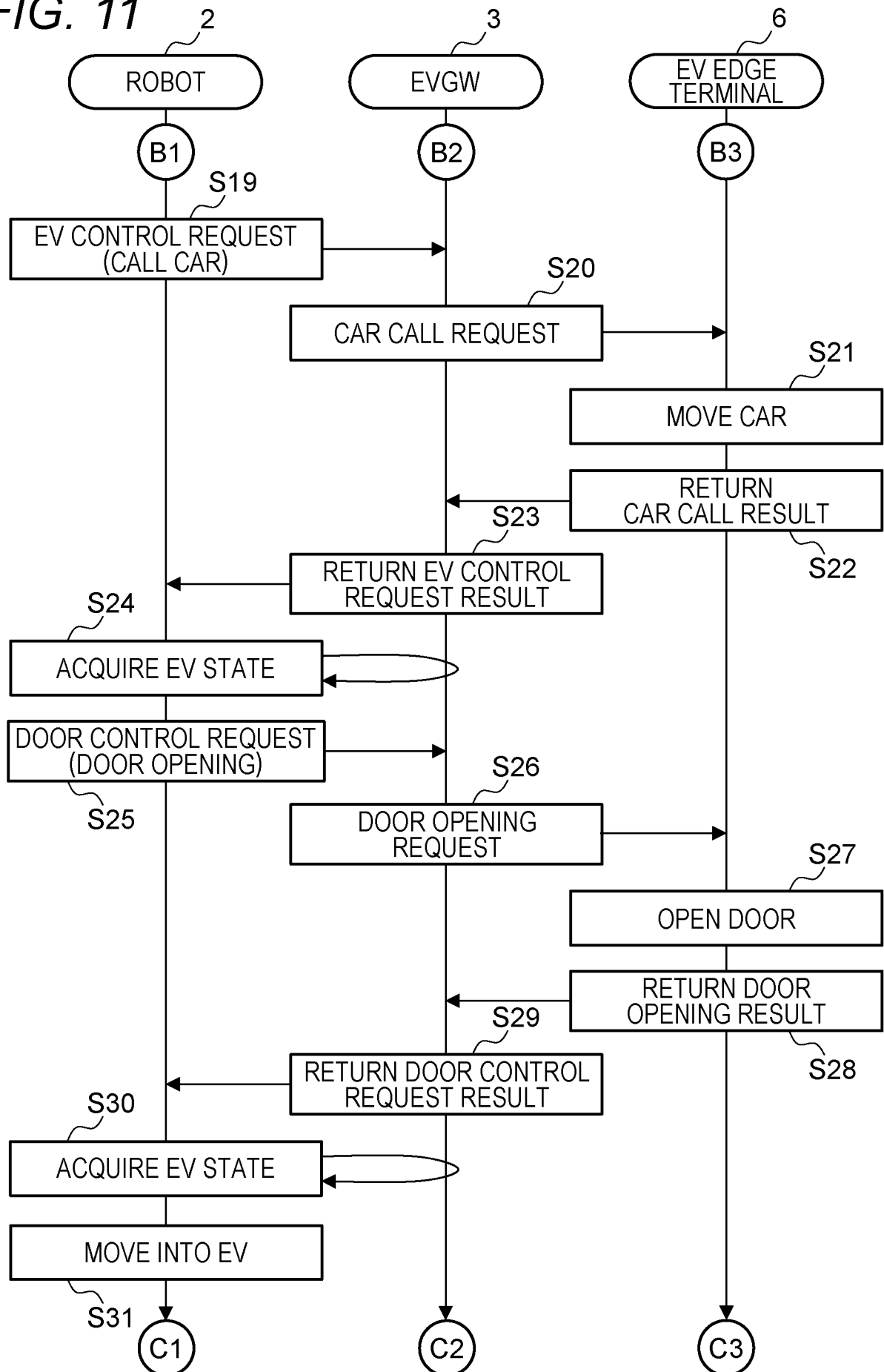


FIG. 12

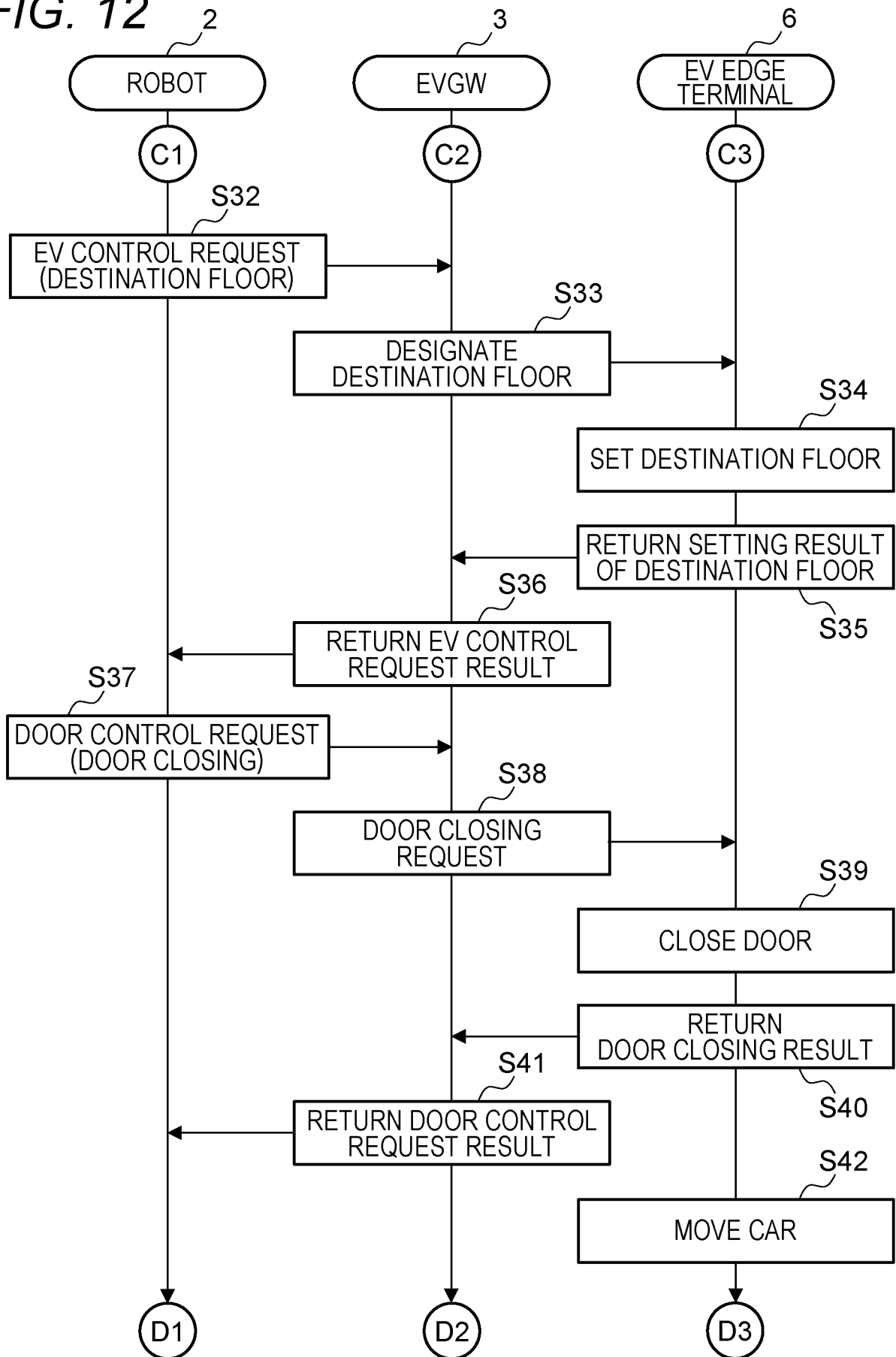


FIG. 13

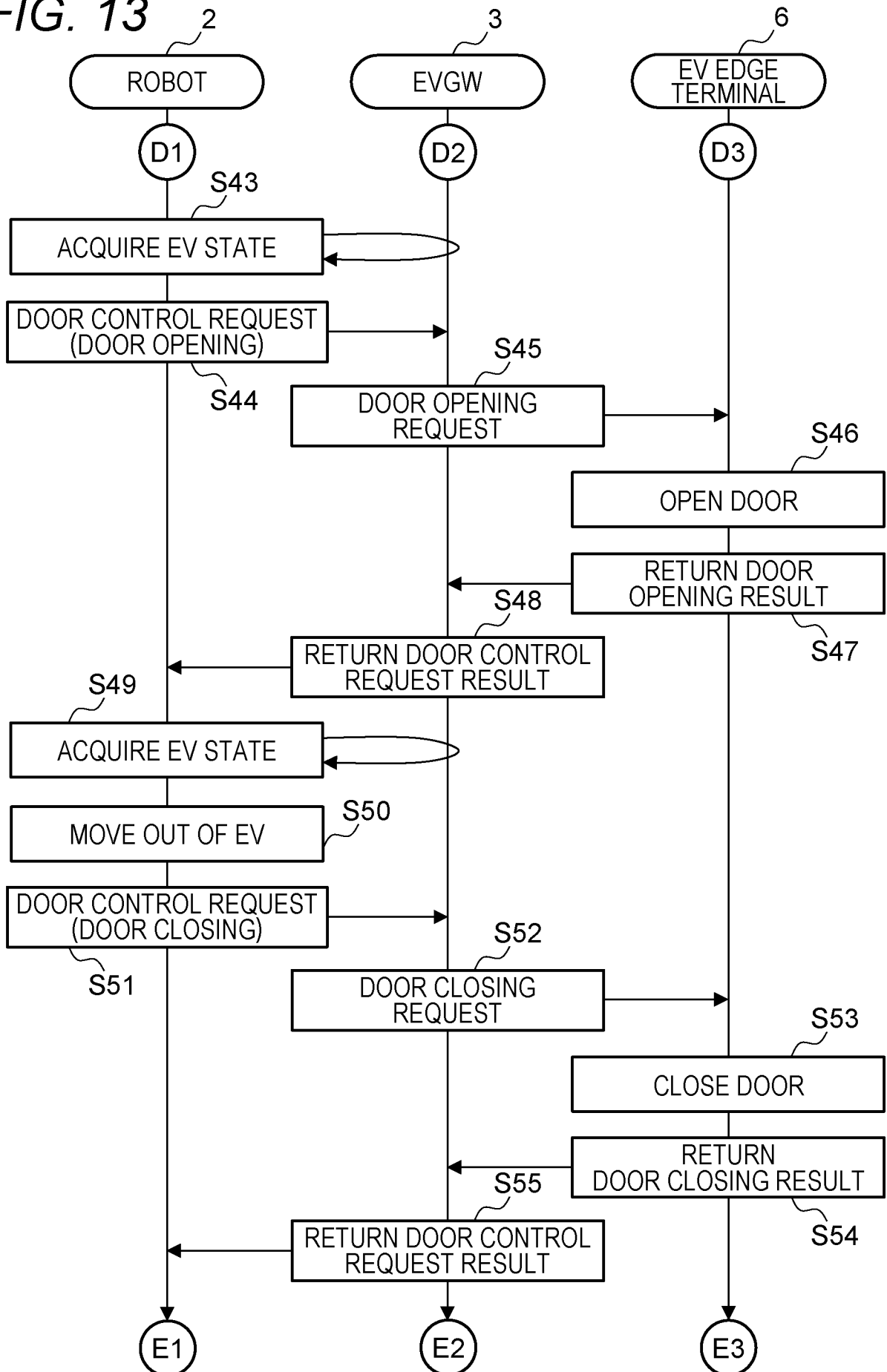


FIG. 14

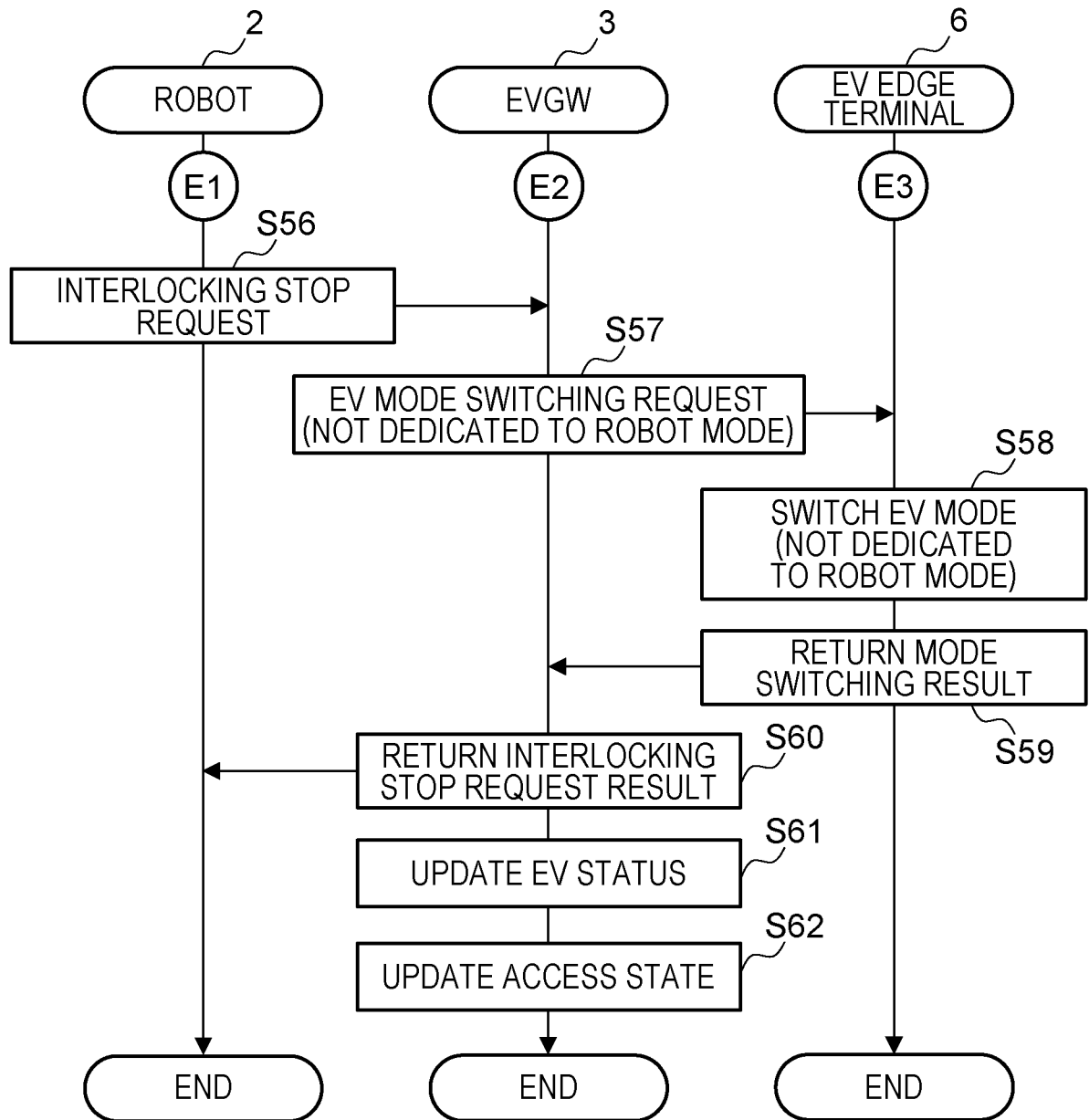


FIG. 15

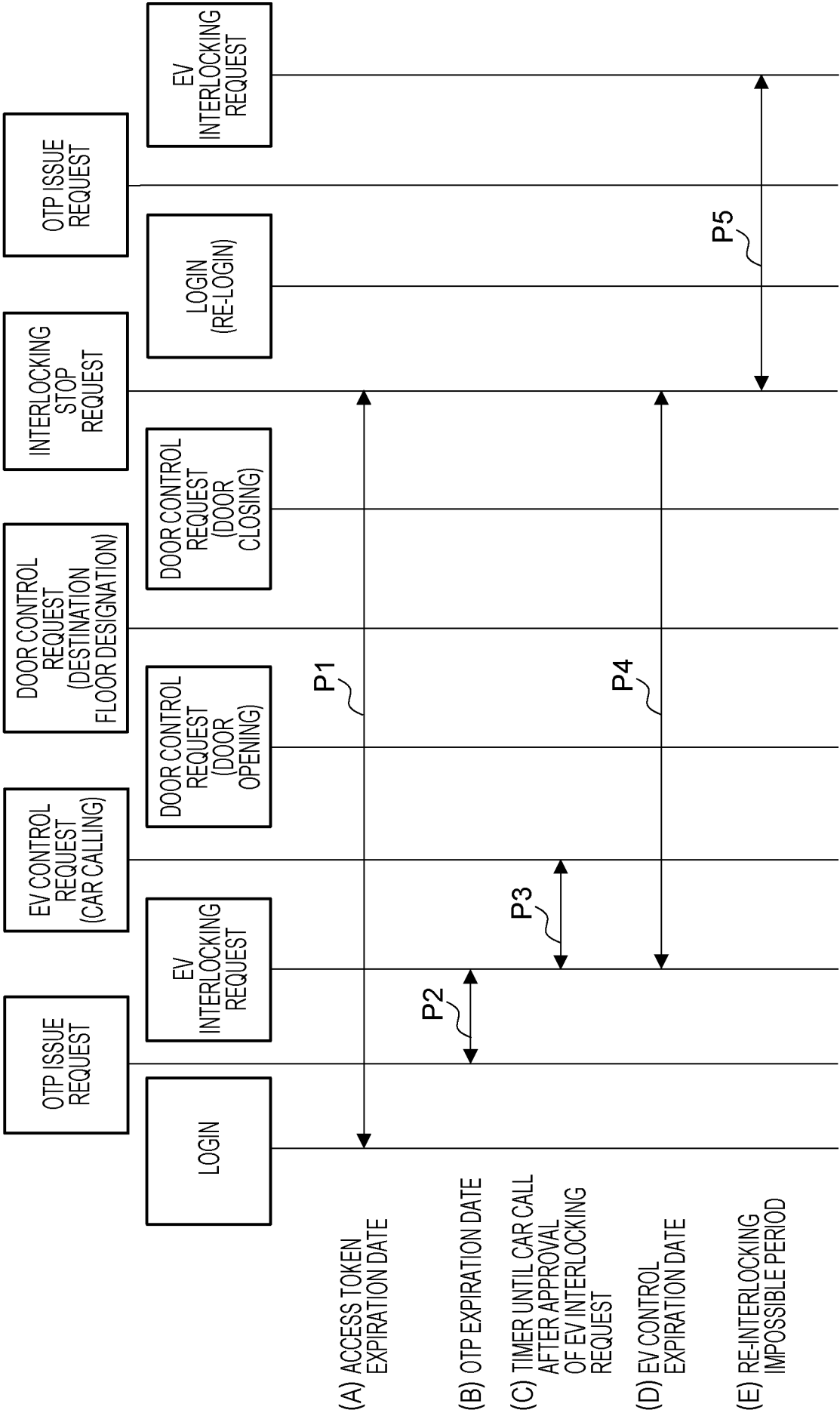


FIG. 16

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DEGREE OF CONGESTION	TIME ZONE	SERVICE				
		CLEANING	TRANSPORT	SECURITY	GUIDANCE	FIRE FIGHTING
NORMAL	DAYTIME	4	2	4	2	1
	AT WORK	4	4	4	3	1
	LUNCH BREAK	4	4	4	3	1
	LEAVING WORK	4	4	4	3	1
	NIGHTTIME	3	4	2	2	1
CROWDED TIME	DAYTIME	4	3	4	3	1
	AT WORK	4	4	4	4	1
	LUNCH BREAK	4	4	4	4	1
	LEAVING WORK	4	4	4	4	1
	NIGHTTIME	4	4	4	3	1
		30A	30A	30A	30A	30A

FIG. 17

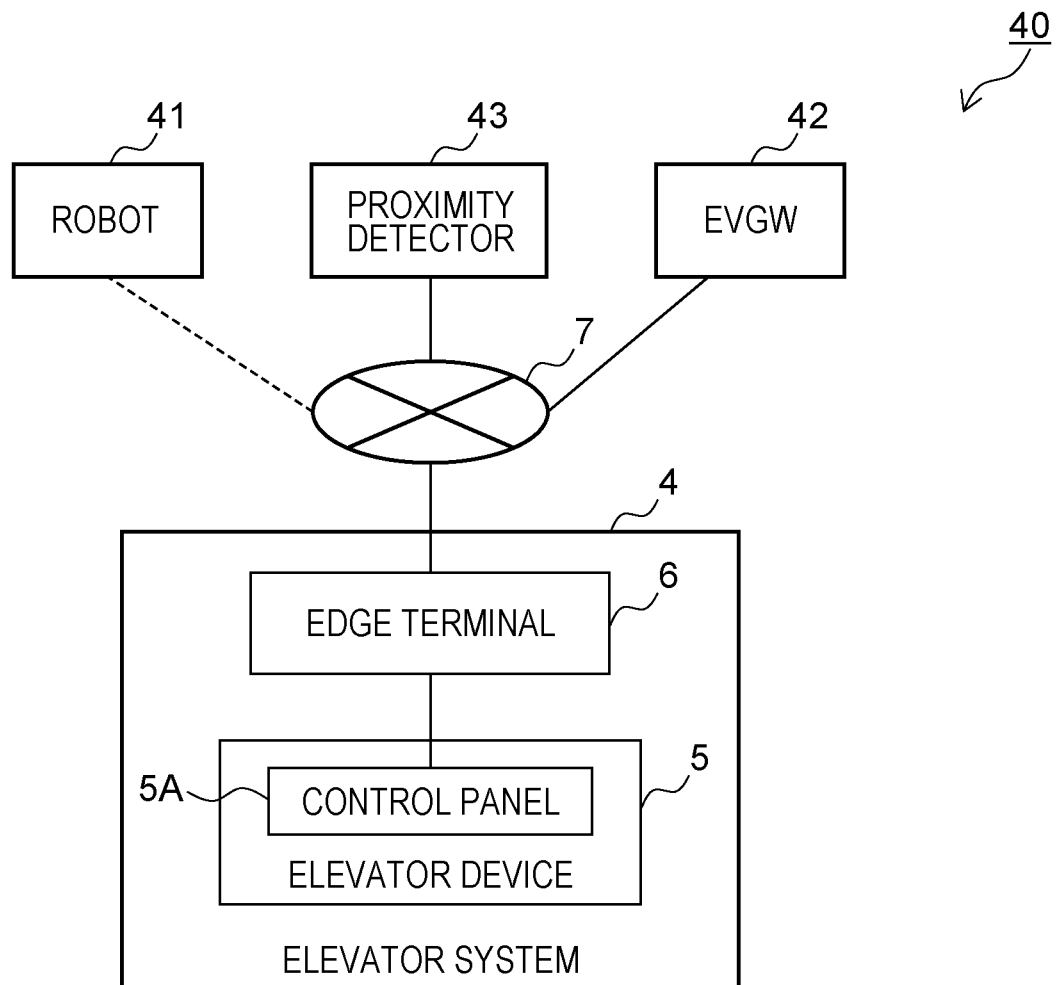


FIG. 18

