

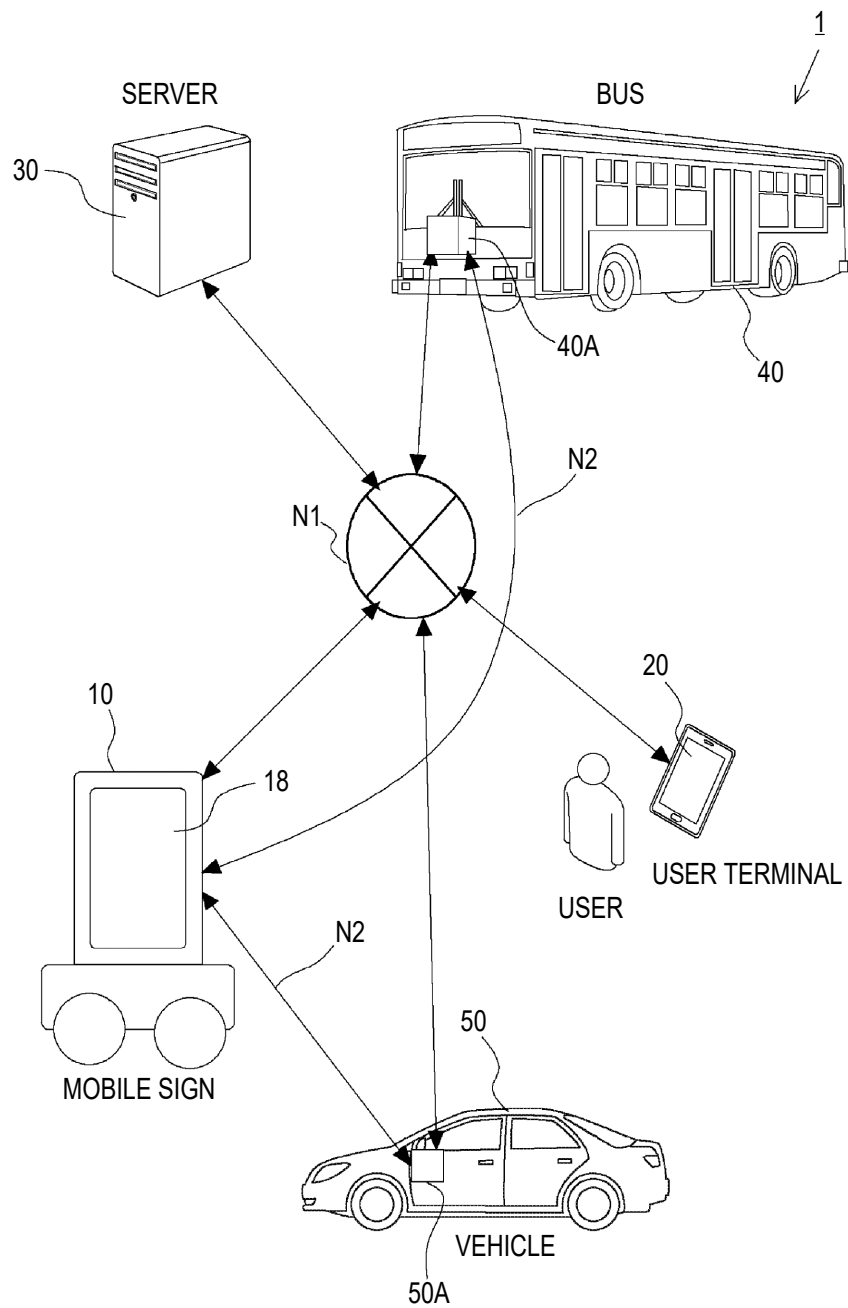
FIG. 1

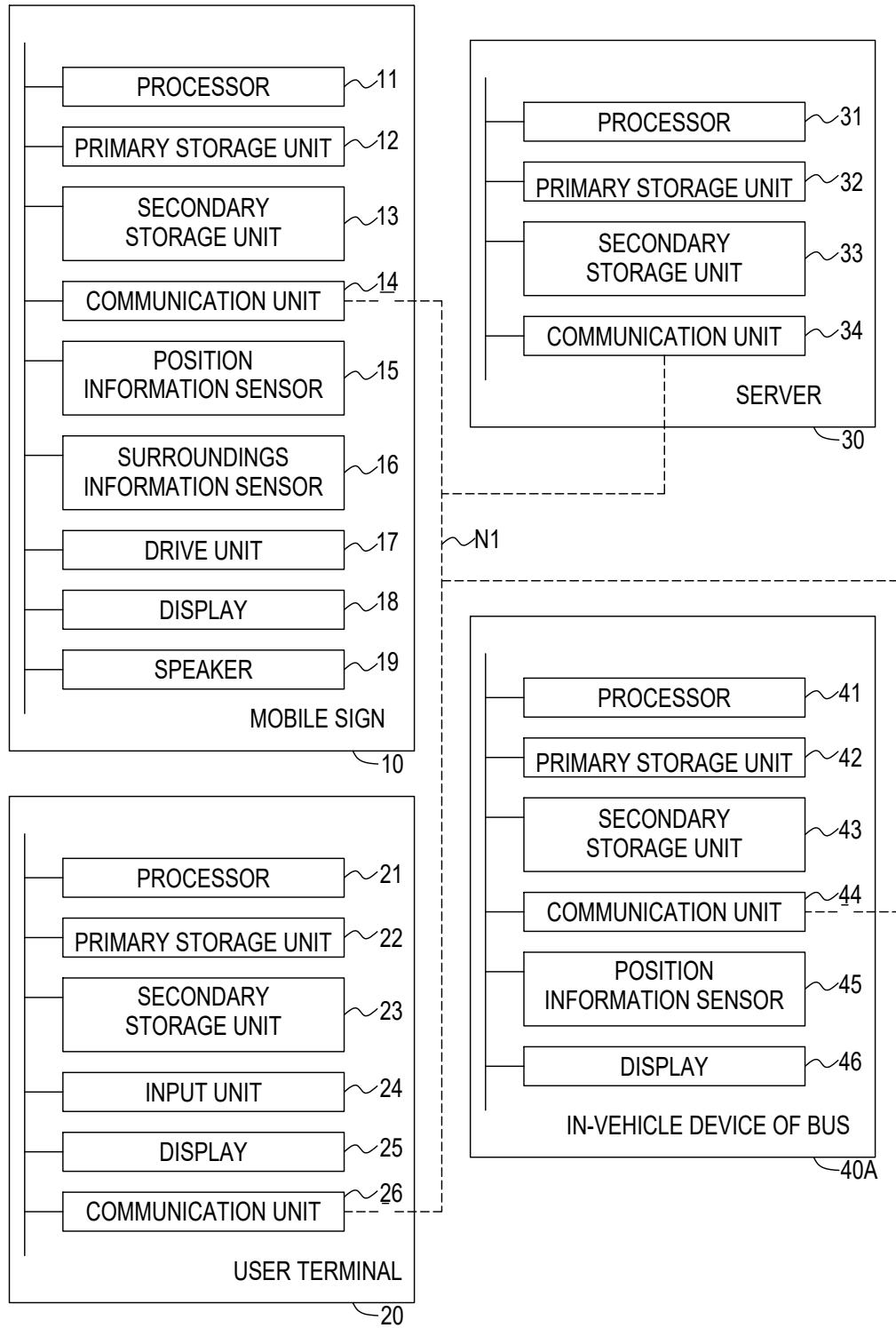
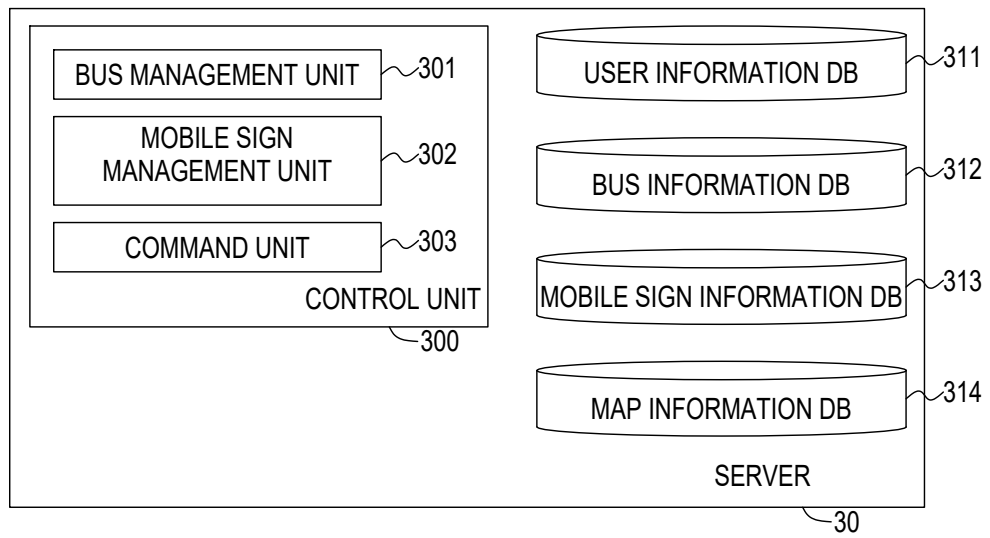
FIG. 2

FIG. 3**FIG. 4**

USER ID	BOARDING POINT	BOARDING DATE AND TIME	EXITING POINT	NUMBER OF PEOPLE
U001	S02	10:00, FEB. 14, 2022	S08	1
U002	S03	10:15, FEB. 14, 2022	S18	1
U003	S05	10:25, FEB. 14, 2022	S18	1
U004	S11	10:42, FEB. 14, 2022	S11	1

FIG. 5

BUS ID	CURRENT PLACE	ROUTE	STOPPING POINT	STOPPING DATE AND TIME	USER ID	NUMBER OF VACANT SEATS
V001	X X X	X X X	S02	10:00, FEB. 14, 2022	U001_ON	3
			S03	10:15, FEB. 14, 2022	U002_ON	2
			S05	10:25, FEB. 14, 2022	U003_ON	1
			S08	10:37, FEB. 14, 2022	U001_OFF	2
			S11	10:42, FEB. 14, 2022	U004_ON	0
			S18	10:48, FEB. 14, 2022	U002_OFF U003_OFF U004_OFF	4
V002	X X X	X X X	X X X	X X X	X X X	X X X
			X X X	X X X	X X X	X X X
			X X X	X X X	X X X	X X X
			X X X	X X X	X X X	X X X
V003	X X X	X X X	X X X	X X X	X X X	X X X
...	...	...	...	...	...	...

FIG. 6

MOBILE SIGN ID	CURRENT PLACE	ROUTE	STOPPING POINT	STOPPING DATE AND TIME	BUS ID
BS001	X X X	X X X	X X X	X X X	V001
			X X X	X X X	V002
			X X X	X X X	V003
			X X X	X X X	V004
			...	...	...
BS002	X X X	X X X	X X X	X X X	X X X
			X X X	X X X	X X X
			X X X	X X X	X X X
			X X X	X X X	X X X
BS003	X X X	X X X	X X X	X X X	X X X
...	...	...	...	...	...

FIG. 7

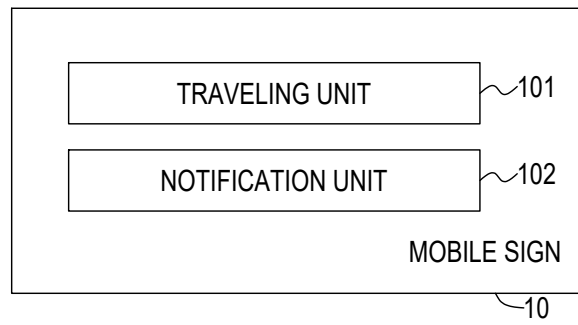


FIG. 8



FIG. 9

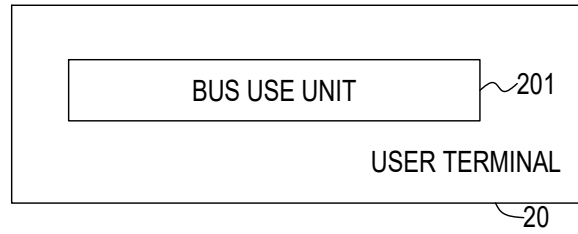


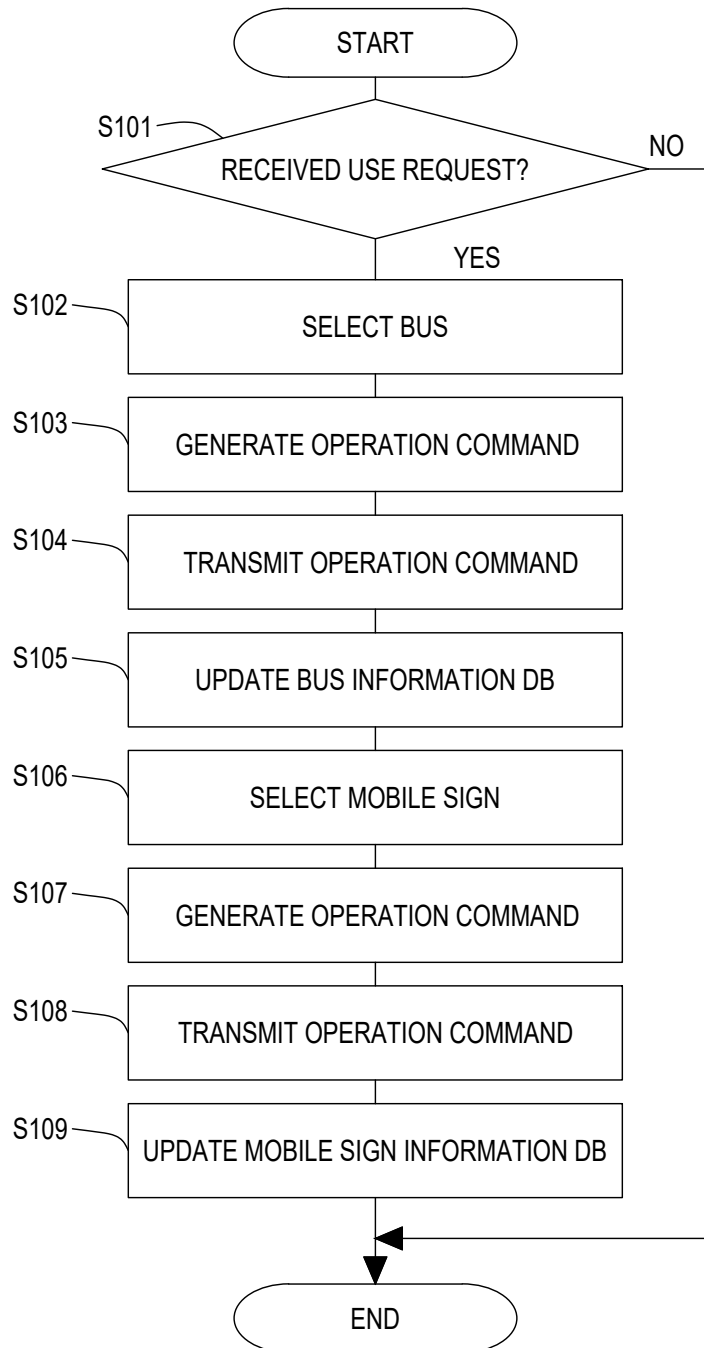
FIG. 10

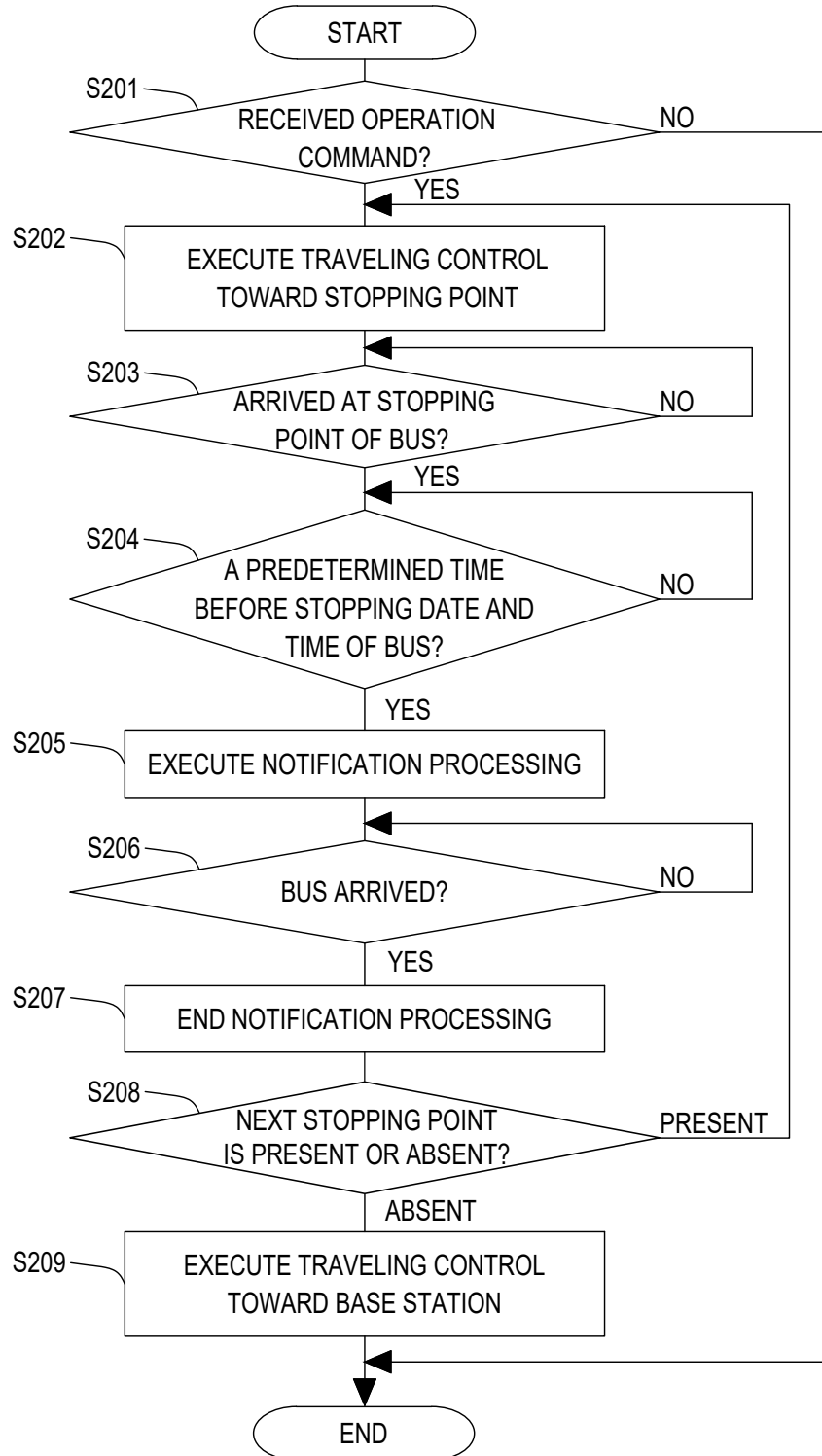
FIG. 11

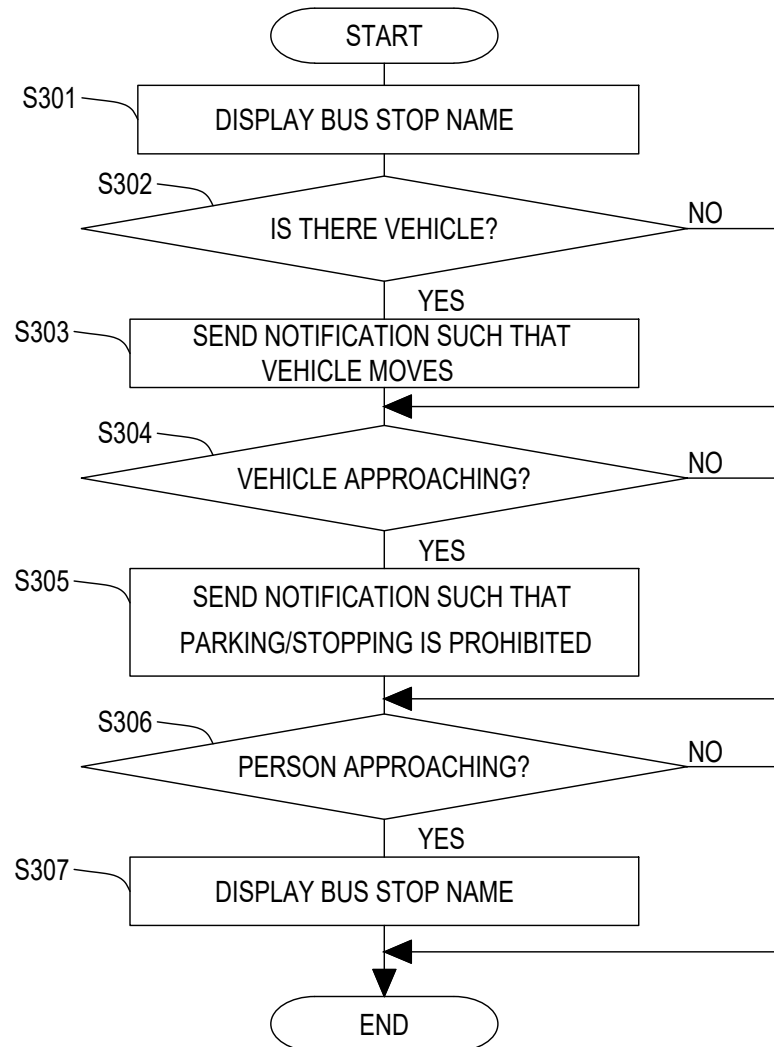
FIG. 12

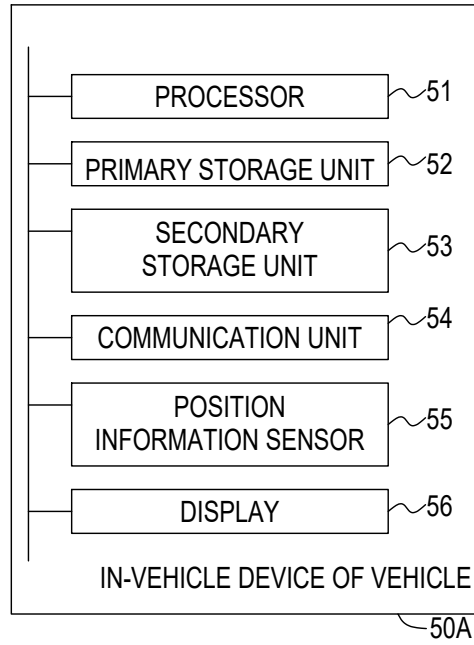
FIG. 13

FIG. 14

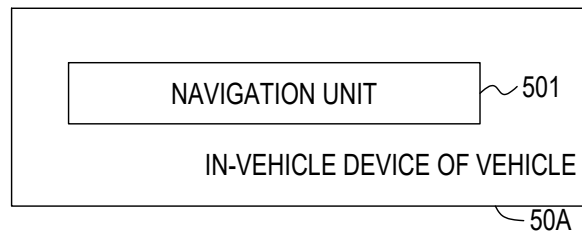


FIG. 15

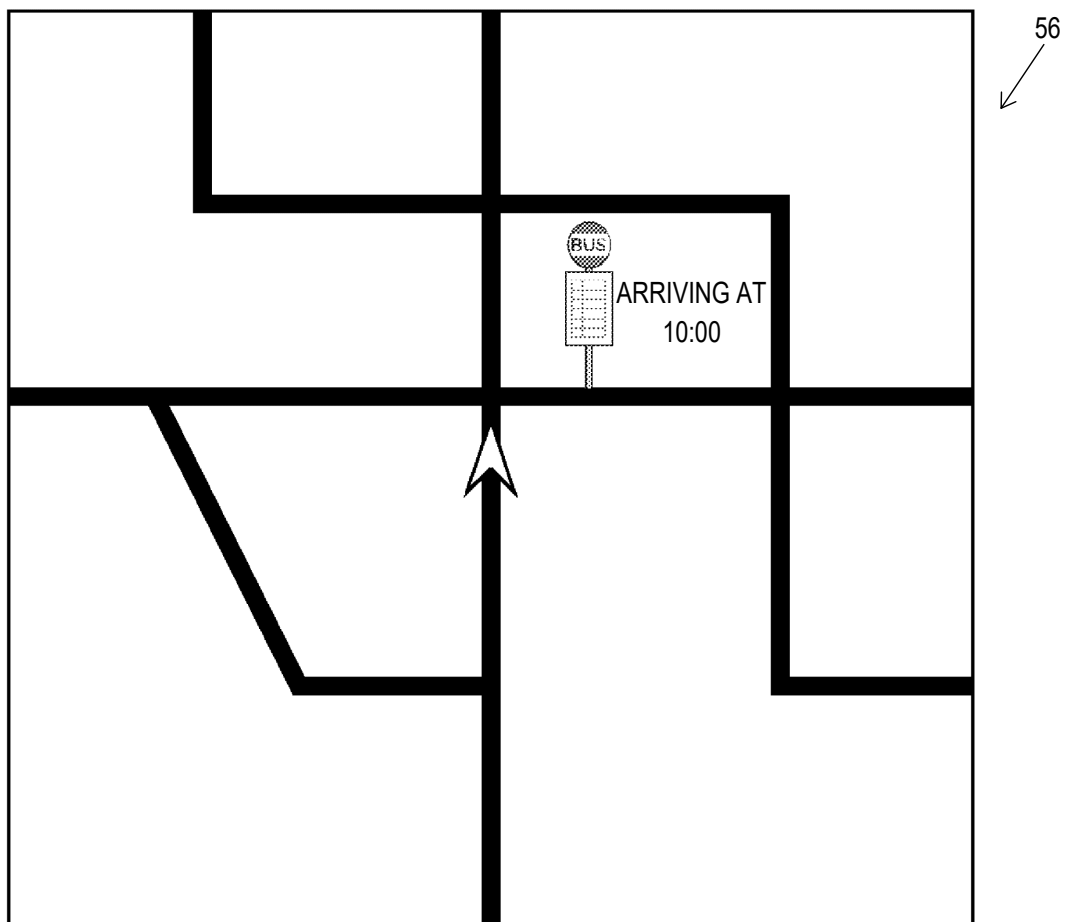


FIG. 16