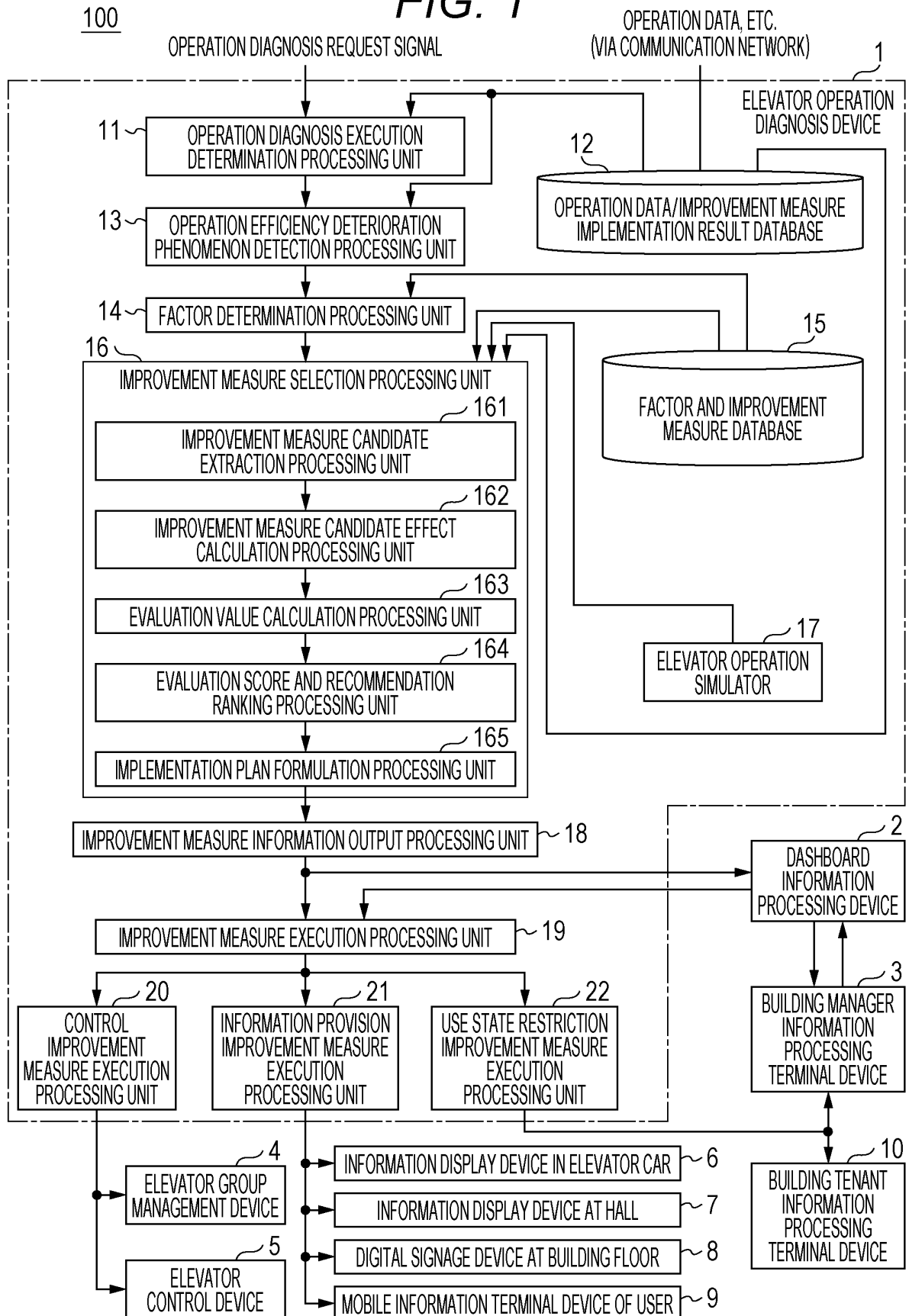


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FIG. 1



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FIG. 2A

DATABASE OF OPERATION DATA

121

BUILDING NAME: AAA BUILDING				ELEVATOR BANK NAME: NO. 3 BANK			
DATE: 2019. 4. 1							
CAR POSITION DATA		HALL CALL DATA		CAR CALL DATA		...	
TIME	POSITION OF CAR NO. N	TIME	HALL CALL	TIME	CAR CALL	TIME	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
09:18	3FUP	09:24	8FUP	09:12	CAR NO. 3 8FUP		
⋮	⋮	⋮	⋮	⋮	⋮		

FIG. 2B

DATABASE OF IMPROVEMENT MEASURE IMPLEMENTATION RESULT 122

BUILDING NAME: AAA BUILDING				ELEVATOR BANK NAME: NO. 3 BANK			
No.	START DATE	END DATE	TYPE OF IMPROVEMENT MEASURE	IMPROVEMENT MEASURE	PERFORMANCE INDEX BEFORE IMPROVEMENT	PERFORMANCE INDEX AFTER IMPROVEMENT	IMPLEMENTATION COST
1	2019. 4. 1	—	CHANGE OF CONTROL	CALL ALL ELEVATORS IN RUSH-HOUR ZONE	AVERAGE WAIT TIME: XX (s)	AVERAGE WAIT TIME: XX (s)	XXXX YEN
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 2C

FACTOR AND IMPROVEMENT MEASURE DATABASE 15

OPERATION EFFICIENCY REDUCTION PHENOMENON	FACTOR	IMPROVEMENT MEASURE TYPE	IMPROVEMENT MEASURE
AVERAGE WAIT TIME IS LONG IN RUSH-HOUR ZONE	NUMBER OF ELEVATOR USERS IN RUSH-HOUR ZONE IS LARGE	CHANGE OF CONTROL	CALL ALL ELEVATORS TO LOBBY FLOOR IN RUSH-HOUR ZONE
			⋮
		PROVISION OF INFORMATION	PROVIDE INFORMATION ON CONGESTION STATUS IN RUSH-HOUR ZONE
			⋮
⋮	⋮	⋮	⋮

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FIG. 3

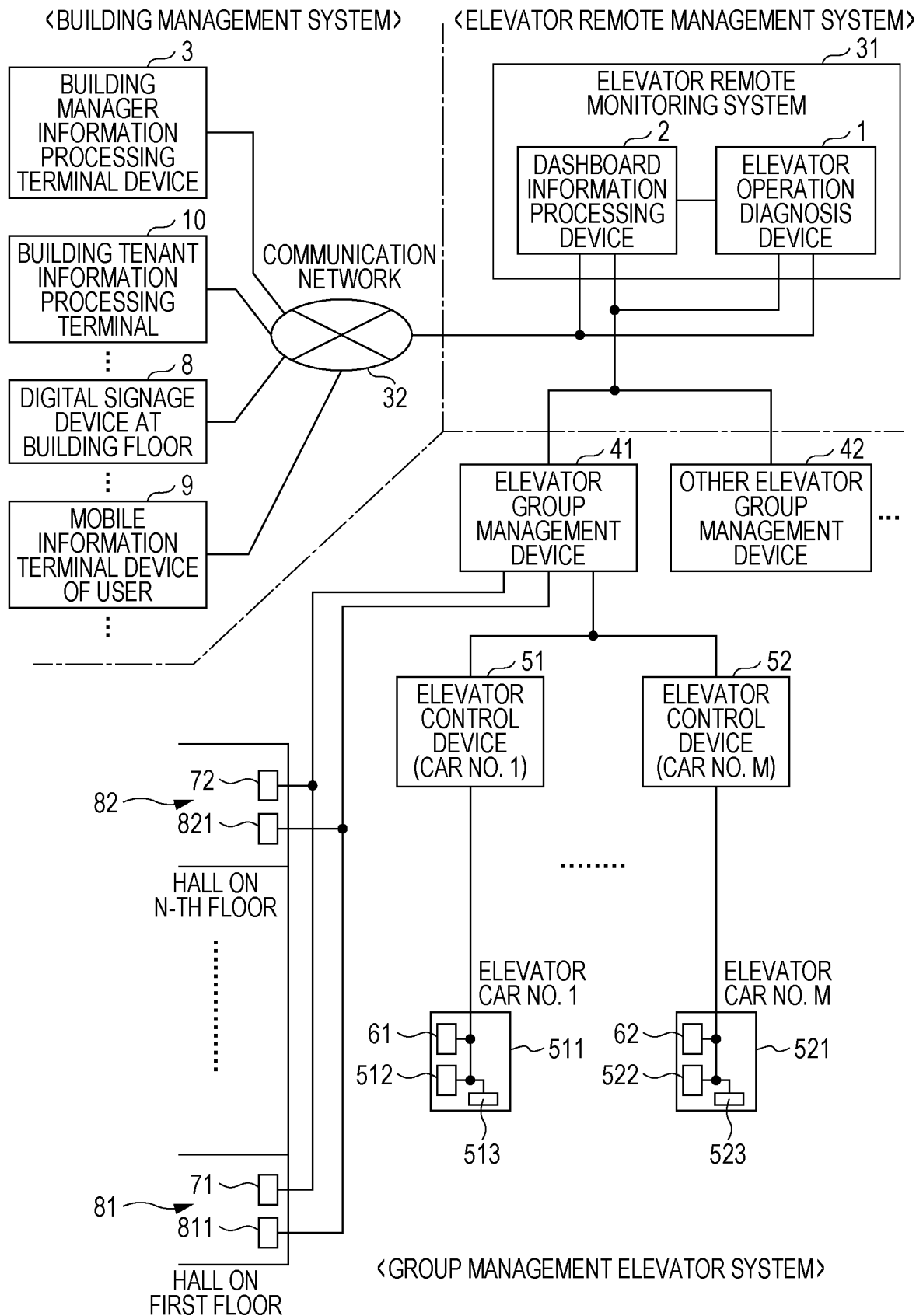


FIG. 4

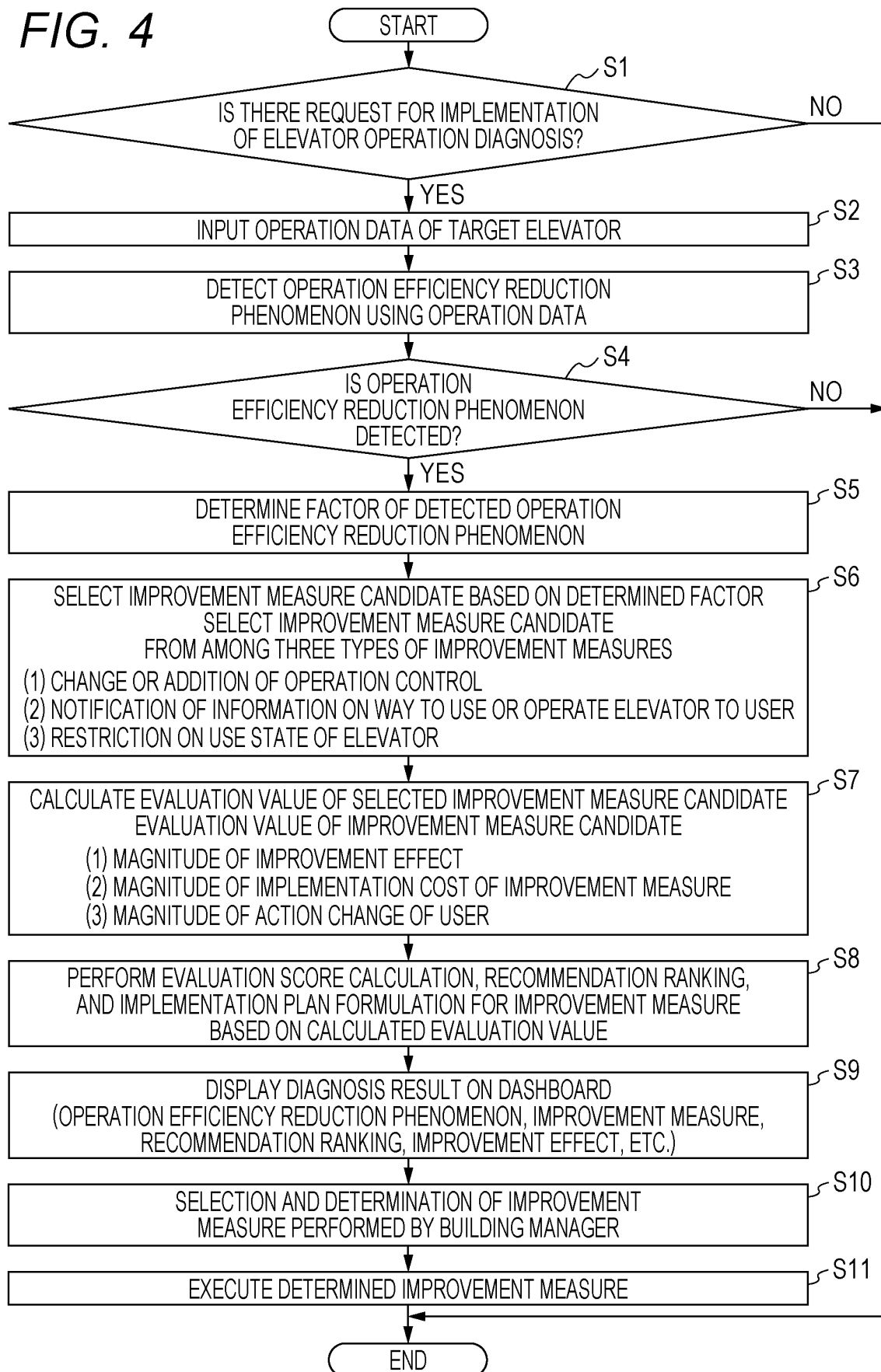


FIG. 5

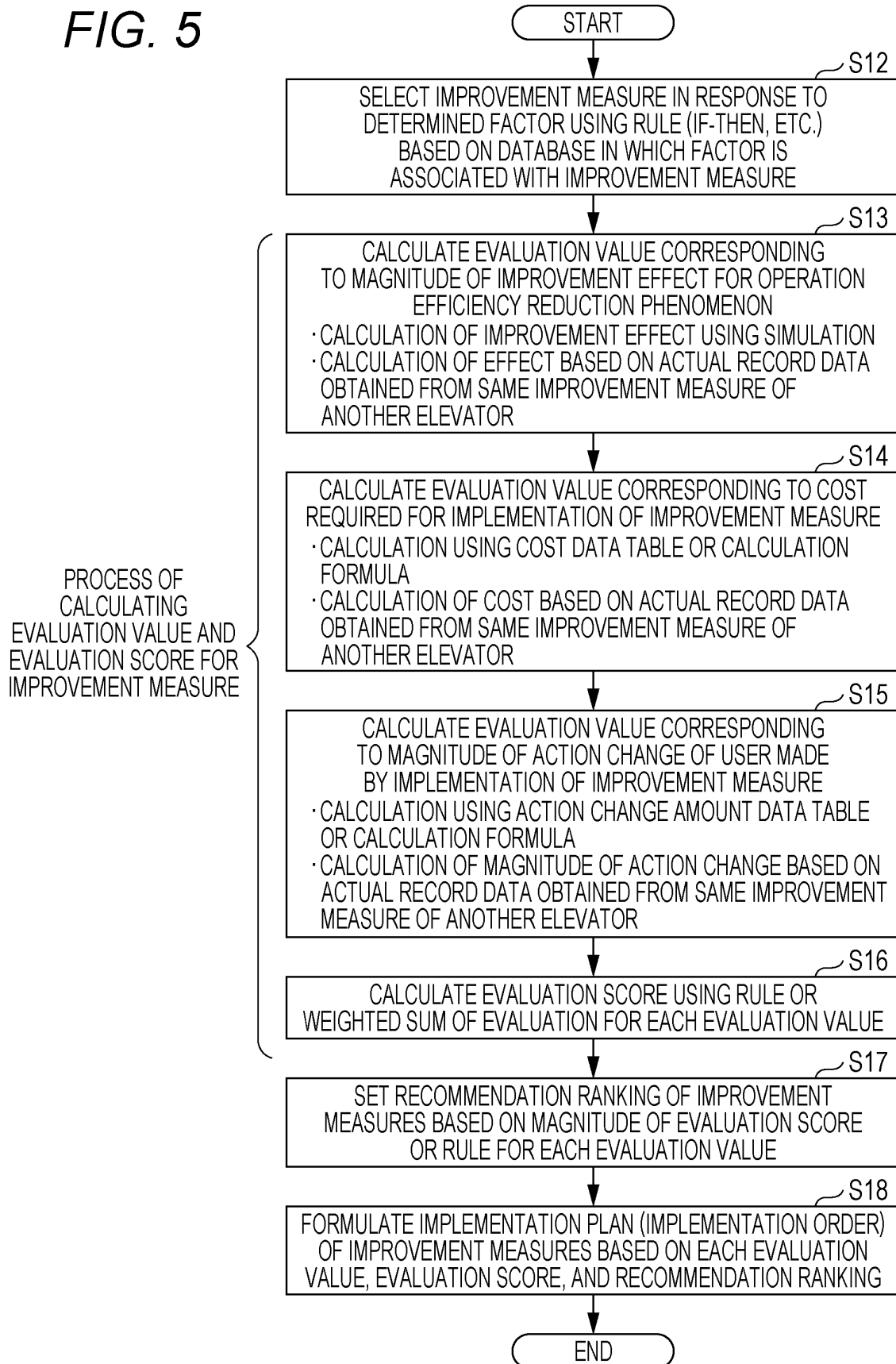


FIG. 6

A1 TYPE OF IMPROVEMENT MEASURE	A2 IMPROVEMENT MEASURE	A3 EVALUATION VALUE (FIVE LEVELS OF 1 TO 5)			A4 EVALUATION SCORE	A5 RECOMMENDATION RANKING
		IMPROVEMENT EFFECT	COST	ACTION CHANGE		
	WEIGHT	MEDIUM	HIGH	LARGE		
CHANGE OR ADDITION OF CONTROL	CALL ALL ELEVATORS TO LOBBY FLOOR IN RUSH-HOUR ZONE	2	5	5	4	1
	ALLOTMENT EXPRESS (SECTORING) OPERATING IN RUSH-HOUR ZONE	5	1	3	2	4
	:					
PROVISION OF INFORMATION ON WAY TO USE OR OPERATE	PROVIDE CONGESTION STATUS INFORMATION IN RUSH-HOUR ZONE	3	4	3	3	2
	PROVIDE INFORMATION ON ELEVATOR USE SUPPRESSION IN DOWN DIRECTION IN RUSH-HOUR ZONE	2	4	3	3	3
	:					
RESTRICTION ON USE STATE	IMPLEMENT STAGGERED WORK HOURS (CHANGE OF OFFICE-GOING HOUR OF OFFICE ON HIGH FLOOR)	5	3	1	2	4
	:					

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FIG. 7

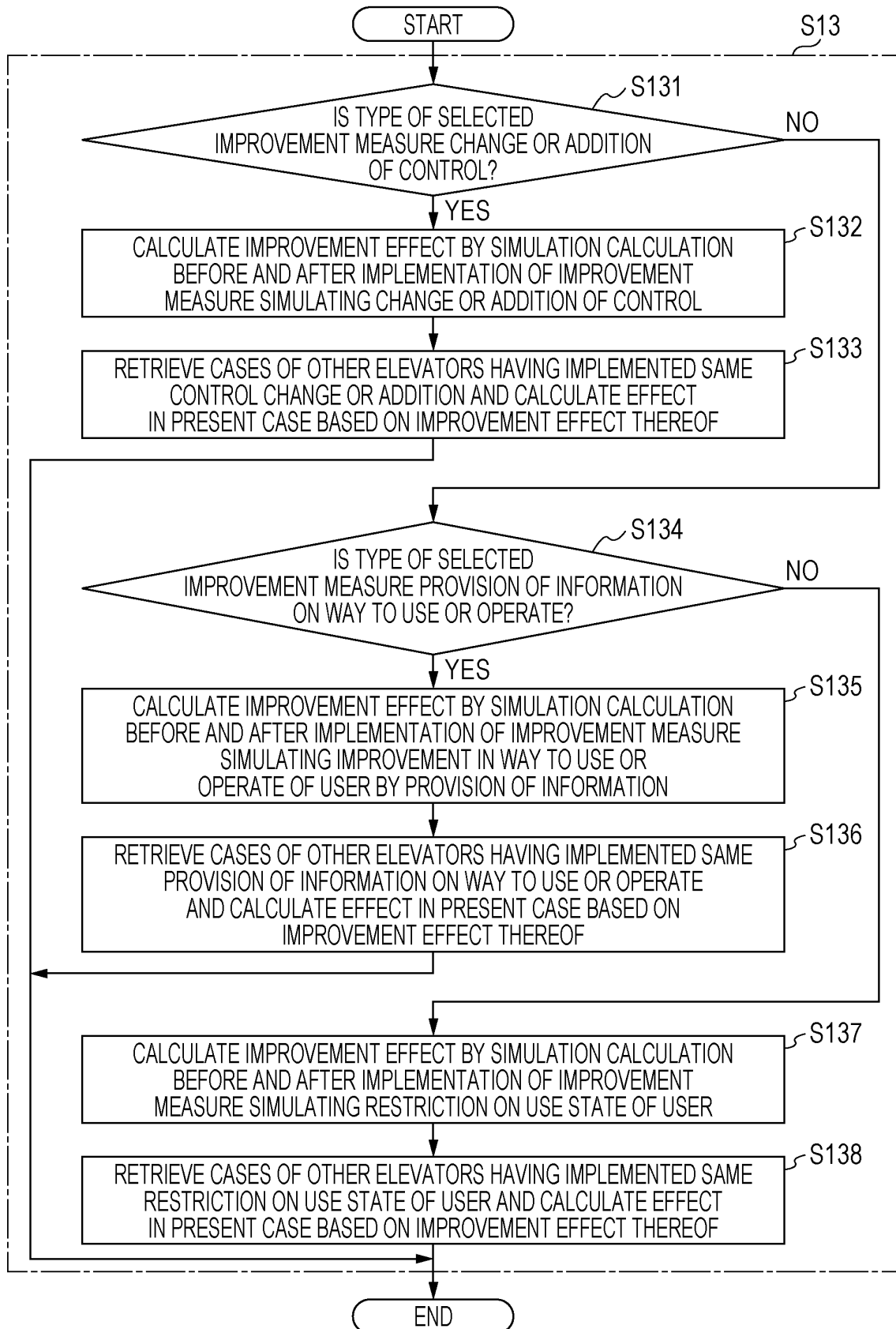


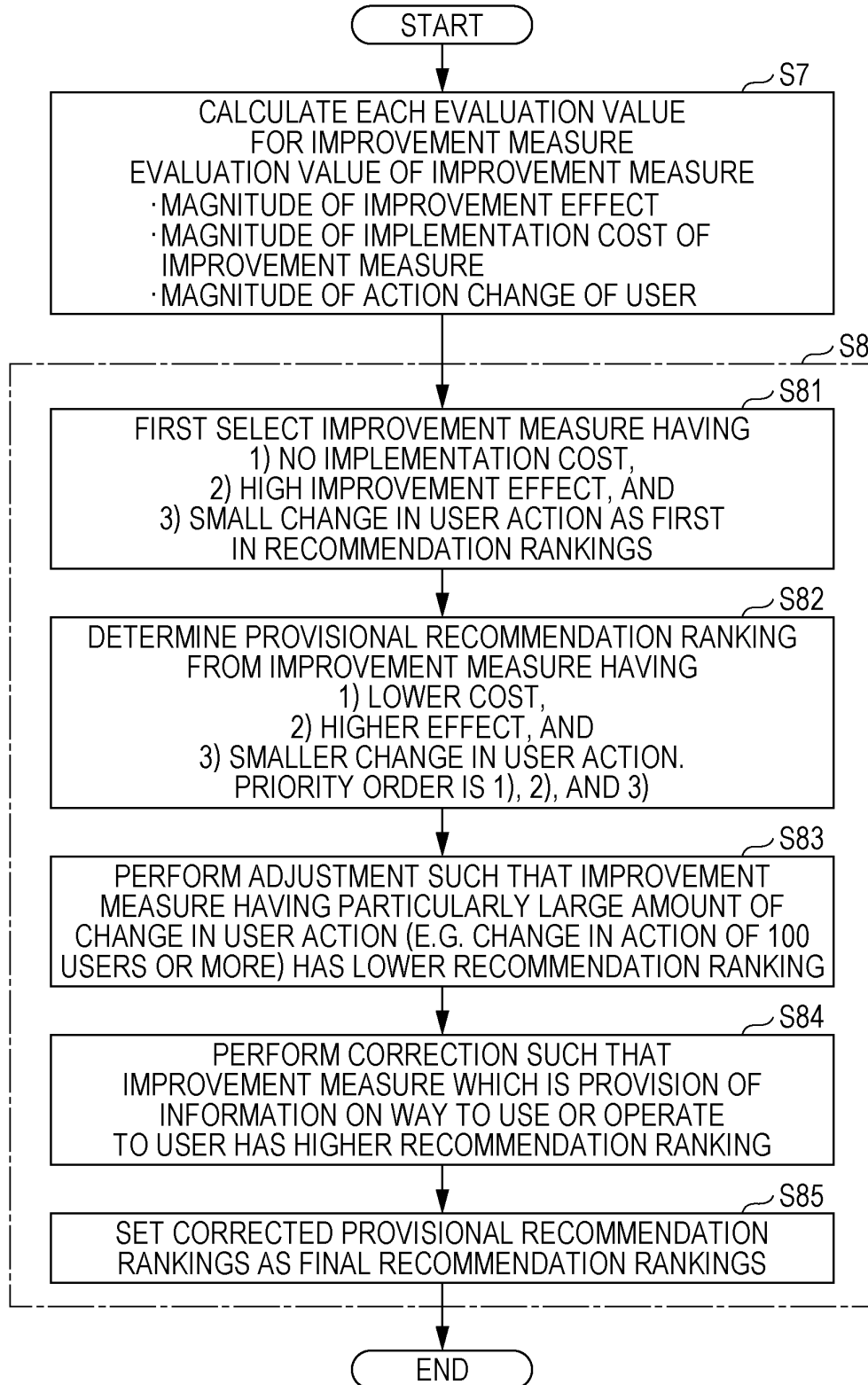
FIG. 8

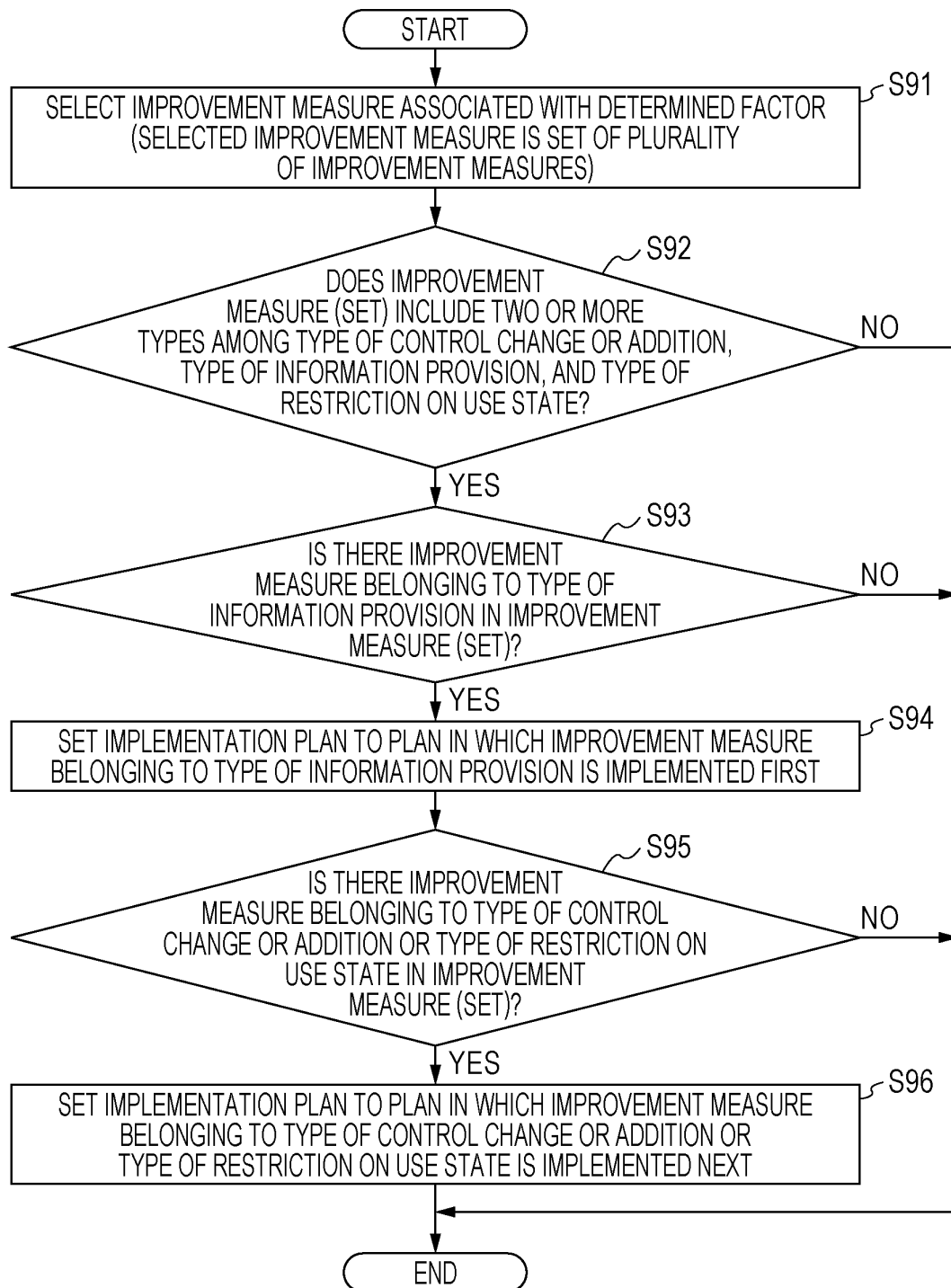
FIG. 9

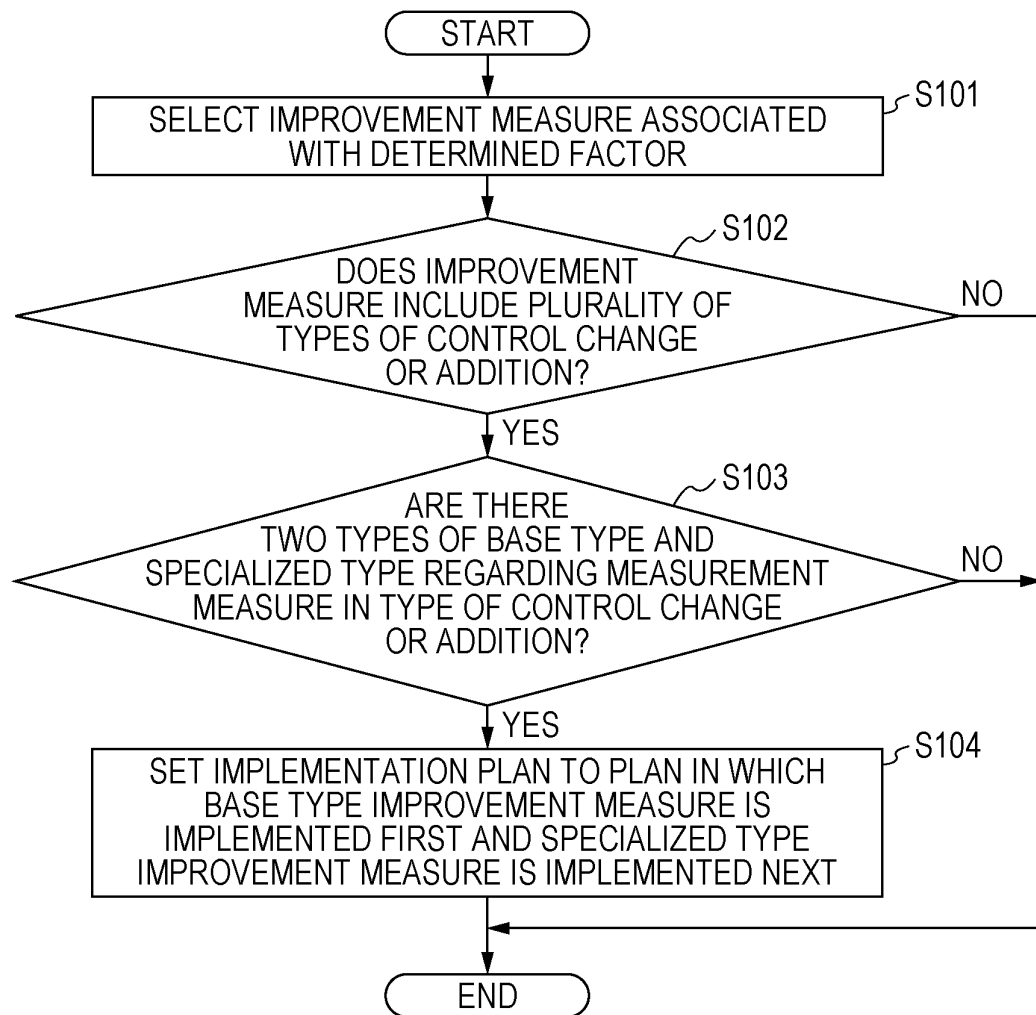
FIG. 10

FIG. 11

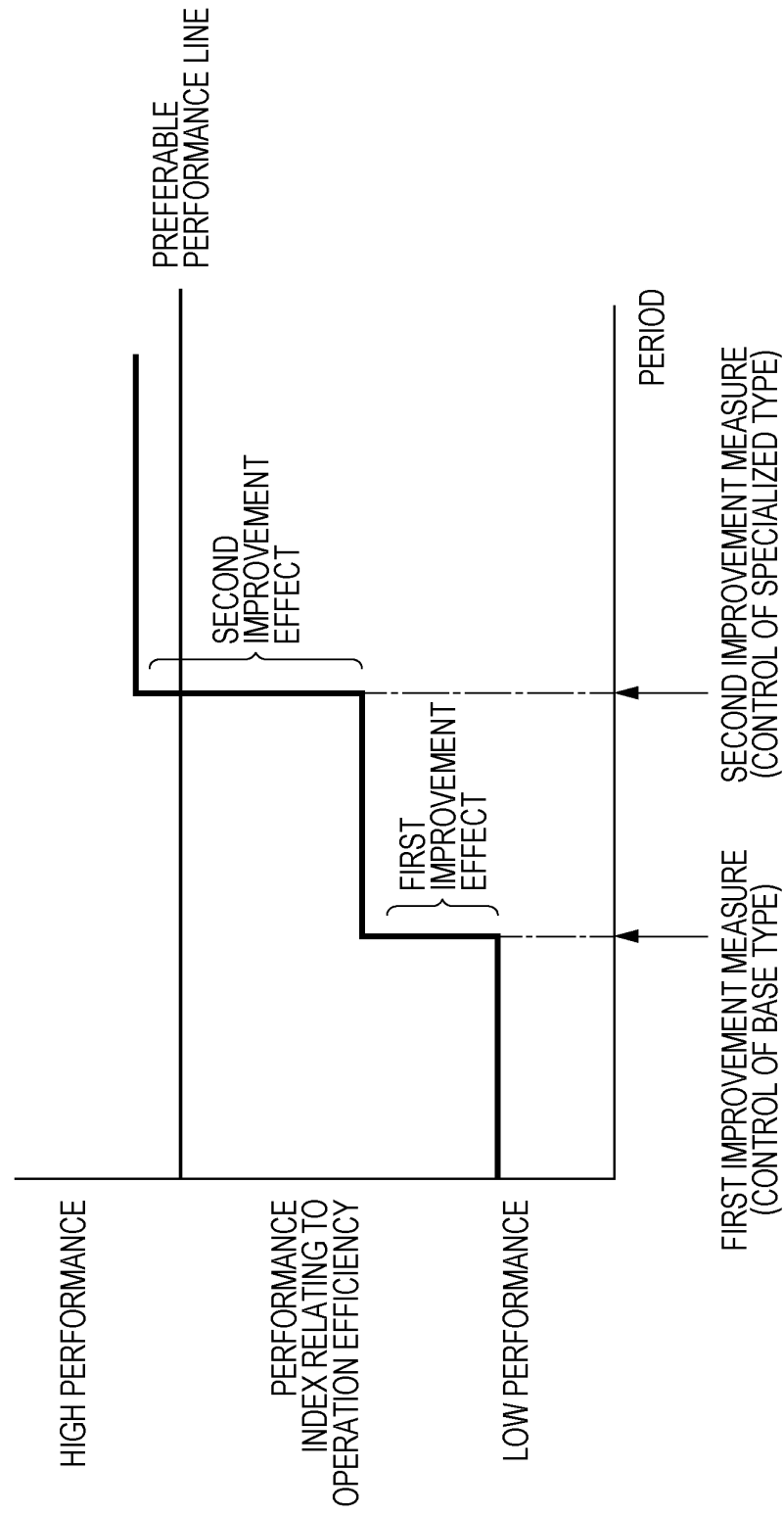


FIG. 12

ELEVATOR OPERATION DIAGNOSIS RESULT

BUILDING NAME: ****BUILDING
DIAGNOSIS PERIOD: X, X, 20XX TO X, X, 20XX

DETECTED OPERATION EFFICIENCY REDUCTION PHENOMENON	AVERAGE WAIT TIME IS LONG IN RUSH-HOUR ZONE
FACTOR	NUMBER OF ELEVATOR USERS IN RUSH-HOUR ZONE IS LARGE

IMPROVEMENT MEASURE

RECOMMENDATION RANKING	IMPROVEMENT MEASURE CANDIDATE	IMPROVEMENT MEASURE EVALUATION RESULT				IMPLEMENTATION
		EVALUATION SCORE	EFFECT	COST	USER ACTION CHANGE	
1	CALL ALL ELEVATORS TO LOBBY FLOOR IN RUSH-HOUR ZONE	4	2	5	5	OK
2	PROVIDE CONGESTION STATUS INFORMATION IN RUSH-HOUR ZONE	3	3	4	3	OK
3	PROVIDE INFORMATION ON ELEVATOR USE SUPPRESSION IN DOWN DIRECTION IN RUSH-HOUR ZONE	3	2	4	3	OK
4	IMPLEMENT STAGGERED WORK HOURS (CHANGE OF OFFICE-GOING HOUR OF OFFICE ON HIGH FLOOR)	2	5	3	1	OK

FIG. 13