

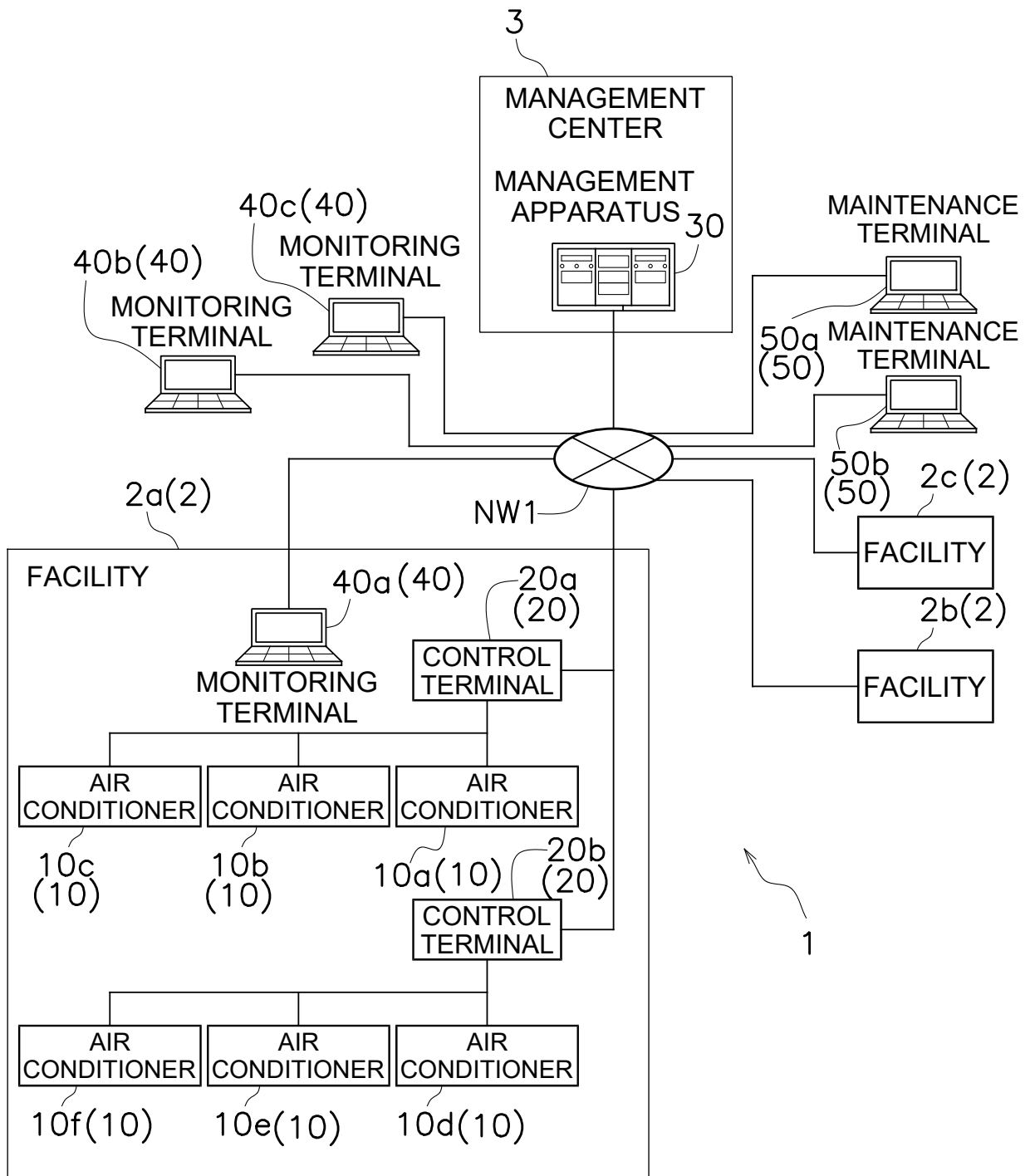


FIG. 1

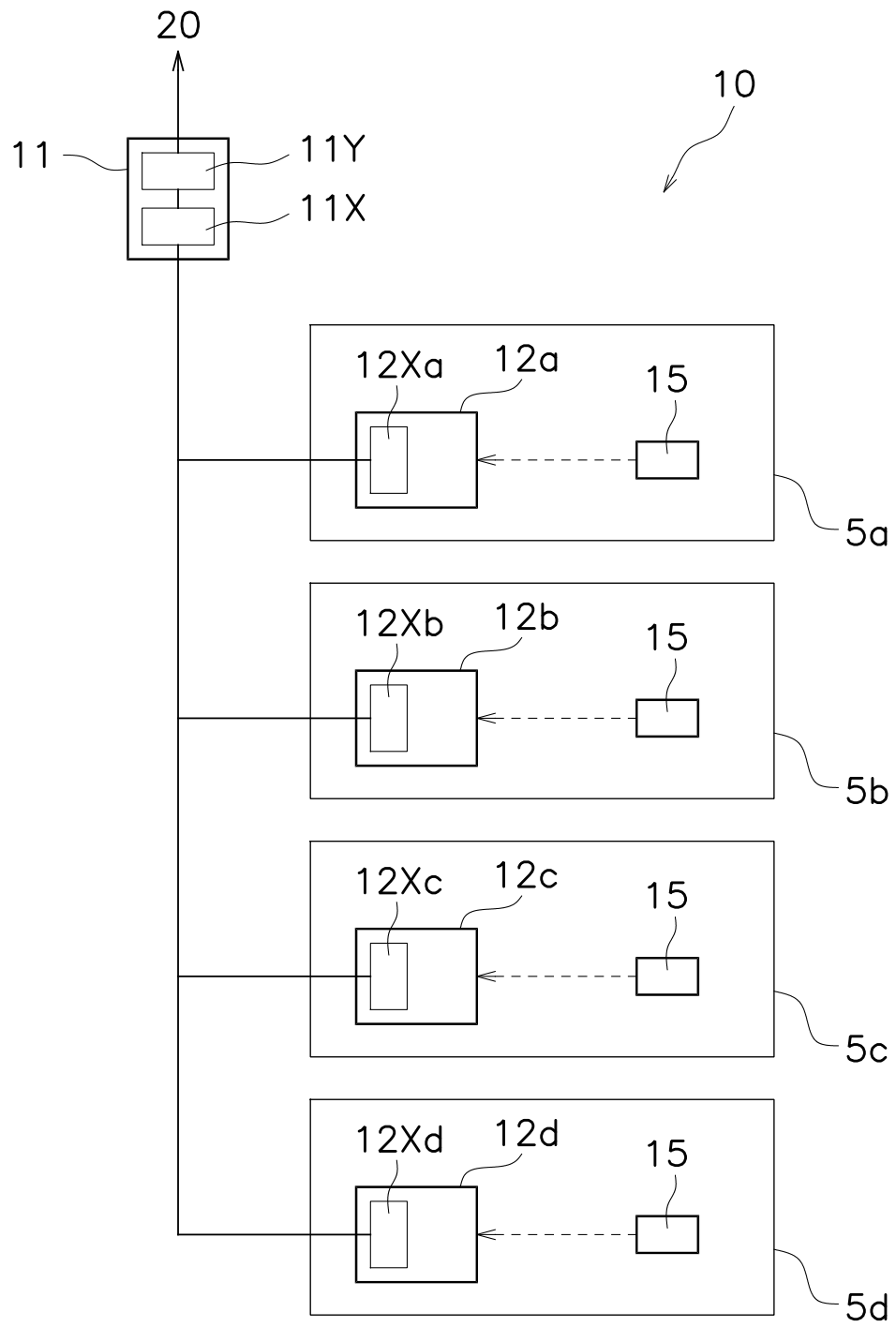


FIG. 2

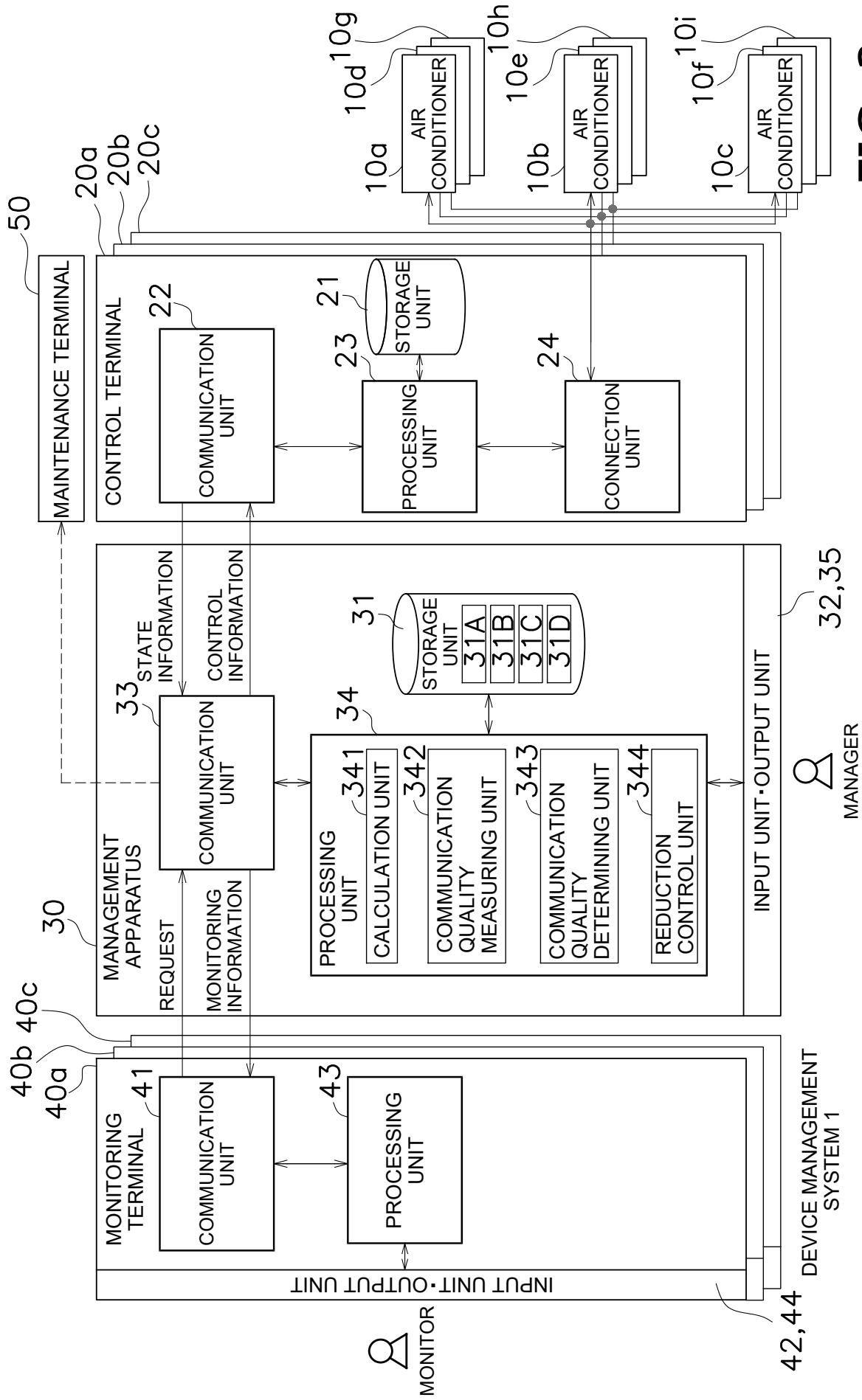


FIG. 3

(a) FIRST COMMUNICATION CONDITION A1

	AIR CONDITIONER 10a	AIR CONDITIONER 10b	AIR CONDITIONER 10c
FREQUENCY	ONCE PER 3 MINUTES	ONCE PER 3 MINUTES	ONCE PER 3 MINUTES
INFORMATION TO BE TRANSMITTED	FIRST STATE INFORMATION D1 SECOND STATE INFORMATION D2 THIRD STATE INFORMATION D3	FIRST STATE INFORMATION D1 SECOND STATE INFORMATION D2 THIRD STATE INFORMATION D3	FIRST STATE INFORMATION D1 SECOND STATE INFORMATION D2 THIRD STATE INFORMATION D3

(b) SECOND COMMUNICATION CONDITION A2

	AIR CONDITIONER 10a	AIR CONDITIONER 10b	AIR CONDITIONER 10c
FREQUENCY	ONCE PER 10 MINUTES	ONCE PER 10 MINUTES	ONCE PER 10 MINUTES
INFORMATION TO BE TRANSMITTED	FIRST STATE INFORMATION D1	FIRST STATE INFORMATION D1	FIRST STATE INFORMATION D1

(c) THIRD COMMUNICATION CONDITION A3

	AIR CONDITIONER WITHIN PREDETERMINED TIME AFTER ACTIVATION	AIR CONDITIONER OUT OF PREDETERMINED TIME AFTER ACTIVATION
FREQUENCY	ONCE PER 3 MINUTES	ONCE PER 10 MINUTES
INFORMATION TO BE TRANSMITTED	FIRST STATE INFORMATION D1 SECOND STATE INFORMATION D2 THIRD STATE INFORMATION D3	FIRST STATE INFORMATION D1 SECOND STATE INFORMATION D2



FIG. 4

ATTRIBUTE				ITEM	
AIR CONDITIONING ENTITY	AIR CONDITIONER	TYPE		ROOM AIR CONDITIONER, MULTI-AIR CONDITIONER FOR BUILDING	
		STATE		RIGHT AFTER ACTIVATION	
				THERMO-ON/OFF	
				ABNORMAL	
				1 WEEK AFTER TEST RUN	
				RIGHT AFTER HUMAN OPERATION	
		INSTRUCTION	MANUAL	DURING COLLECTIVE OPERATION	
				NUMBER OF OPERATIONS	
				FREQUENCY OF OPERATION	
				DETAILS OF OPERATION	
				OPERATION HISTORY	
			AUTO	TEMPERATURE CONTROL APPLICATION	
AIR CONDITIONING ENVIRONMENT	TARGET SPACE OF AIR CONDITIONING	TYPE		PRESIDENT ROOM, SERVER ROOM, CORRIDOR	
		INSTALLATION ENVIRONMENT		PERIMETER, INTERIOR	
		STATE		OPENED/CLOSED DOOR, OPENED/CLOSED WINDOW, ILLUMINANCE	
		EXTERNAL FACTOR		WEATHER, METEOROLOGICAL DISASTER	
	TARGET PERSON OF AIR CONDITIONING	PRESENCE		PRESENCE INFORMATION	
				HISTORY OF PRESENCE INFORMATION	
				HUMAN DETECTION SENSOR	
				OPERATION SCHEDULE	
				STAY TIME	
		STATE		AMOUNT OF ACTIVITY	
				BIOLOGICAL INFORMATION	
				DEGREE OF COMFORT	
		INTENTION		INSTRUCTION BASED ON INTENTION	
		ATTRIBUTE		AGE	
				SEX	
				POST (PRESIDENT, DIRECTOR, ORDINARY EMPLOYEE)	
				ROLE (BUILDING MANAGER, USER)	
	TARGET ITEM OF AIR CONDITIONING	PRESENCE		PRESENCE INFORMATION	
		STATE		STATE OF FRUIT	
		SERVICE		ALIVE MONITORING, ENERGY SAVING CONTROL, CONTROL RELATED TO FEE OF DEMAND CONTROL OR THE LIKE	
TIME		TIME SECTION		MORNING, DAYTIME, EVENING, NIGHT	
		BUSINESS HOURS		WITHIN ON-DUTY HOURS, OVERTIME HOURS, NIGHTTIME	
		DEMAND RESPONSE		AT START, BEFORE END	

FIG. 5

DETERMINATION OF DEGREE OF PRIORITY BASED
ON TIME SERIES DURING DEMAND CONTROL

	POWER SUPPRESSION INSTRUCTION
FORMER 15 MINUTES OF DEMAND CONTROL	DEGREE OF PRIORITY: LOW
LATTER 15 MINUTES OF DEMAND CONTROL	DEGREE OF PRIORITY: HIGH

FIG. 6

DETERMINATION OF DEGREE OF PRIORITY BASED ON USAGE
STATUS OF TARGET PERSON OF AIR CONDITIONING

	SETTING INFORMATION (MANAGEMENT APPARATUS → CONTROL TERMINAL)	SETTING INFORMATION (CONTROL TERMINAL → MANAGEMENT APPARATUS)
DURING OPERATION FROM NETWORK SIDE	DEGREE OF PRIORITY: HIGH	DEGREE OF PRIORITY: LOW
DURING OPERATION FROM LOCAL SIDE	DEGREE OF PRIORITY: LOW	DEGREE OF PRIORITY: HIGH

FIG. 7

DETERMINATION OF DEGREE OF PRIORITY BASED ON DEGREE
OF COMFORT OF TARGET PERSON OF AIR CONDITIONING

	BIOLOGICAL INFORMATION	INFORMATION ABOUT CURRENT STATE
DEGREE OF COMFORT: HIGH	DEGREE OF PRIORITY: HIGH	DEGREE OF PRIORITY: LOW
DEGREE OF COMFORT: LOW	DEGREE OF PRIORITY: LOW	DEGREE OF PRIORITY: HIGH

FIG. 8

DETERMINATION OF DEGREE OF PRIORITY BASED ON
PRESENCE OR ABSENCE OF USER OF AIR CONDITIONING

	INFORMATION ABOUT CURRENT STATE
USER: PRESENT	DEGREE OF PRIORITY: HIGH
USER: ABSENT	DEGREE OF PRIORITY: LOW

FIG. 9

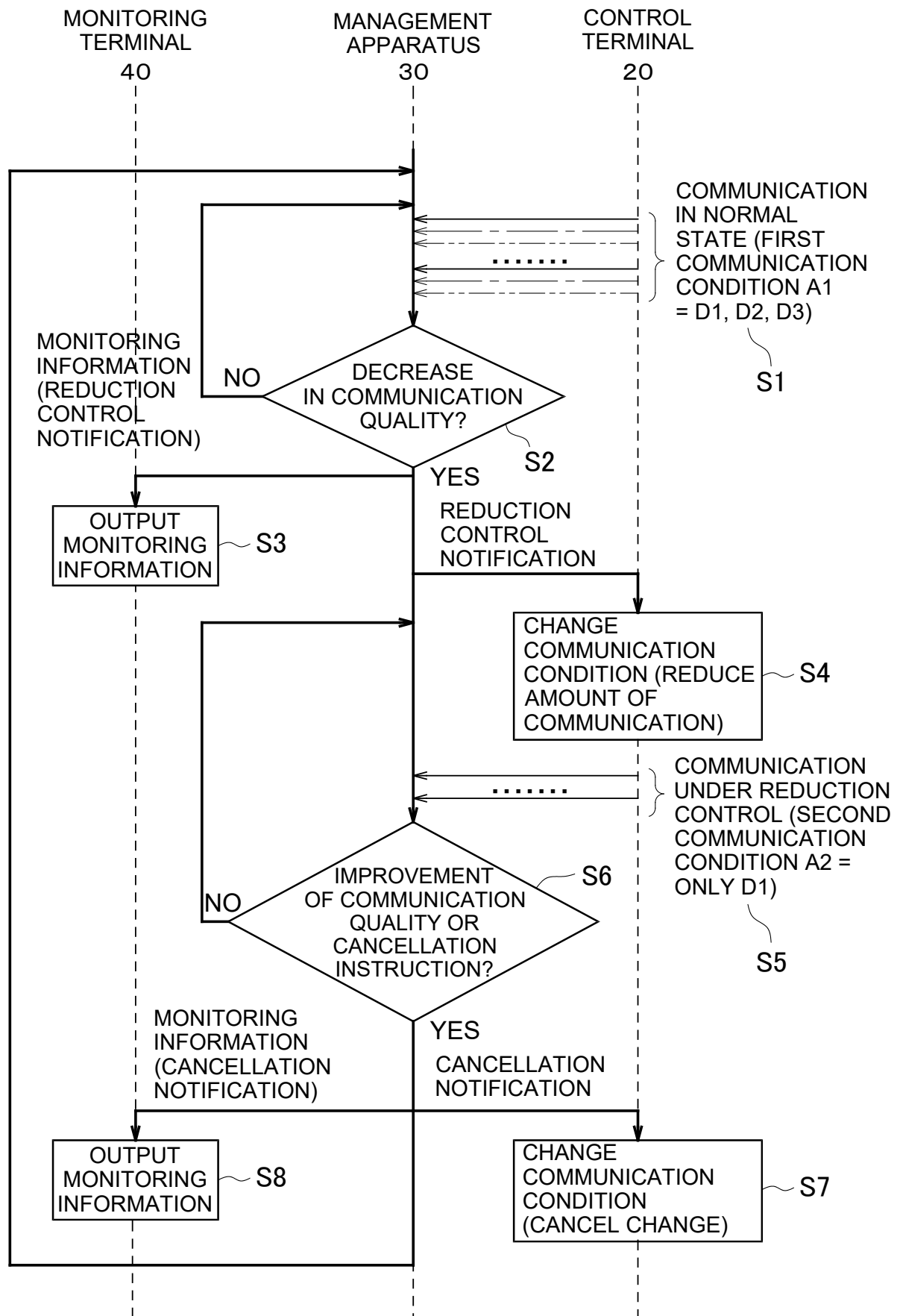


FIG. 10

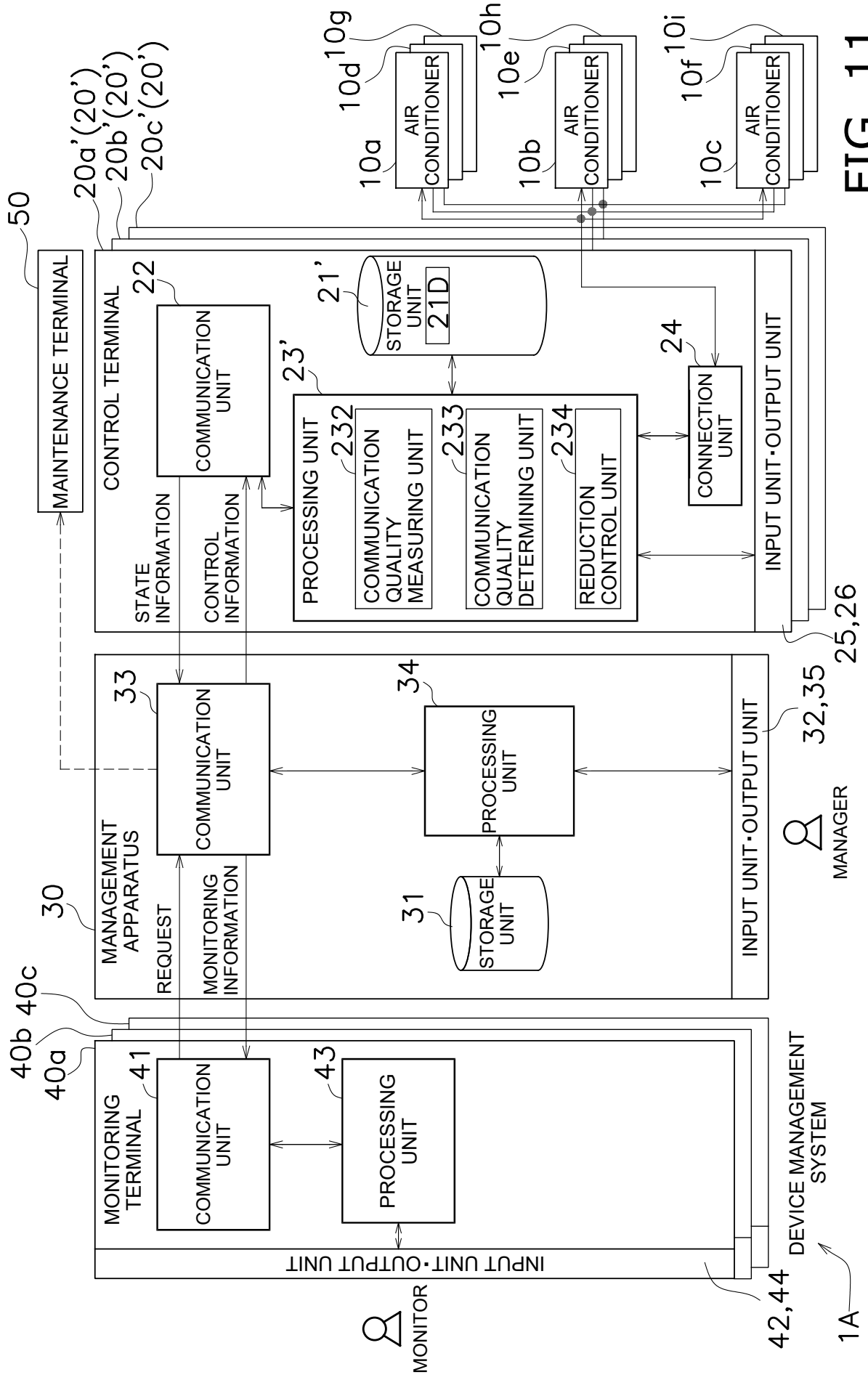


FIG. 11

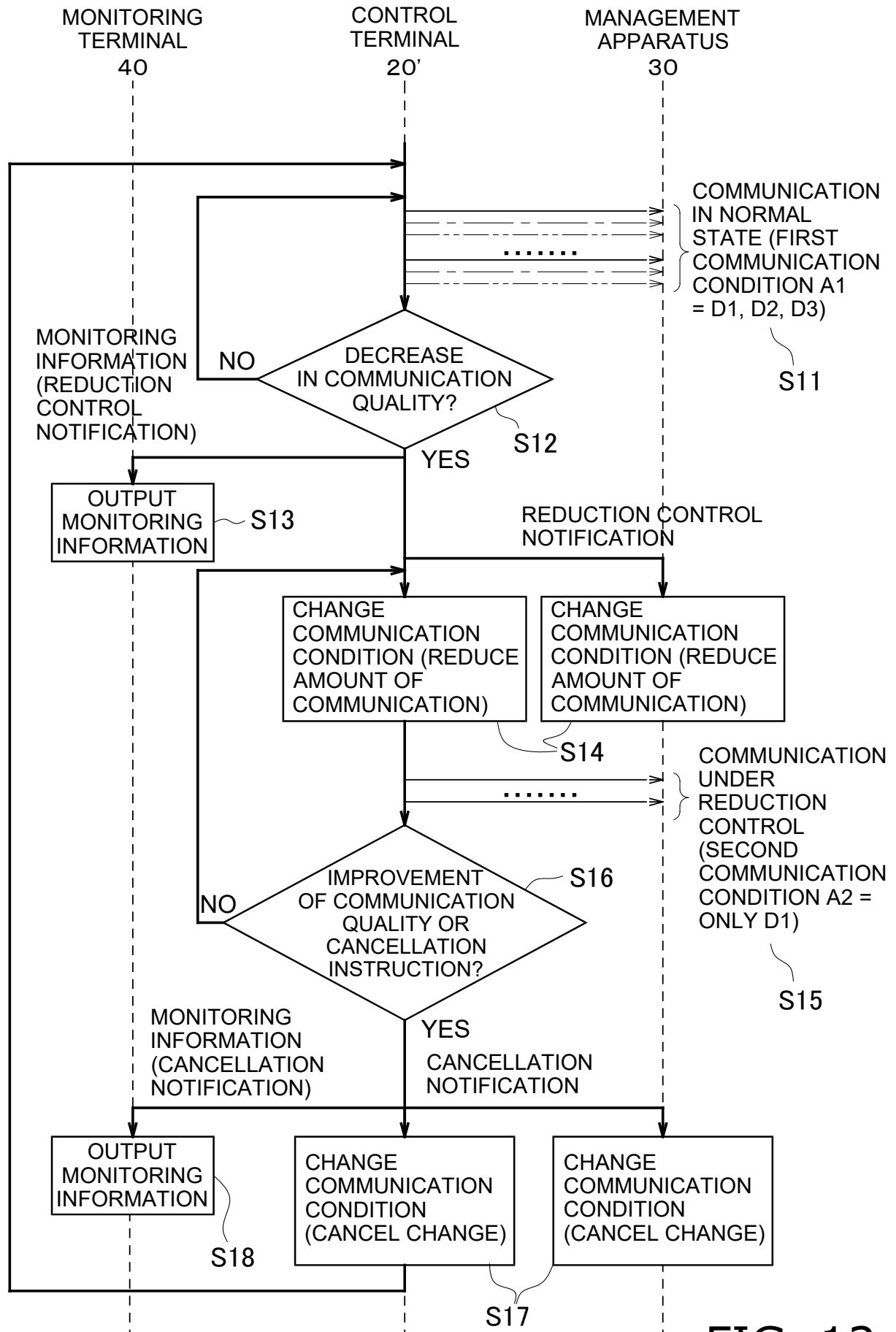


FIG. 12