FIG.1

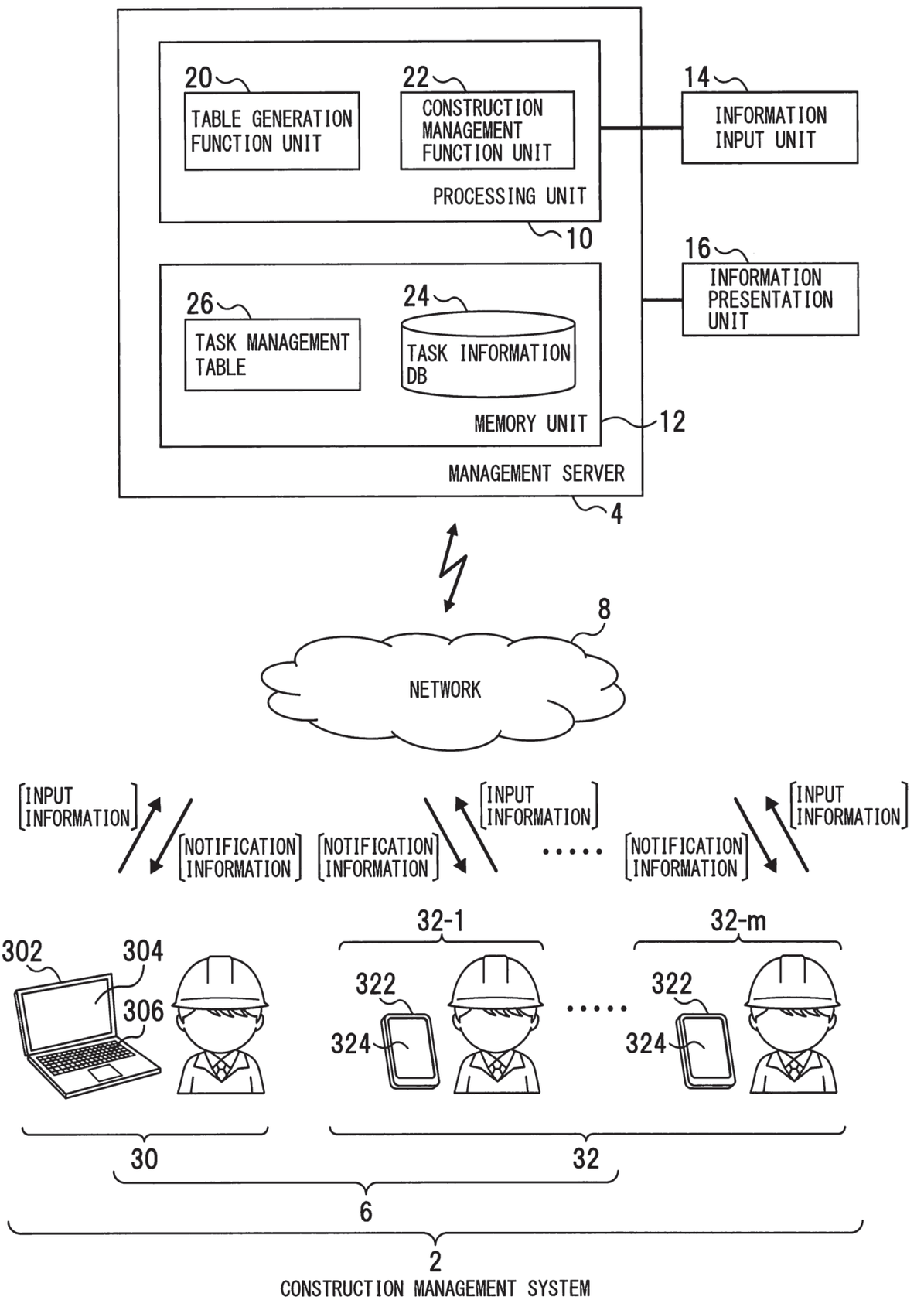

20
TABLE GENERATION FUNCTION UNIT
22
CONSTRUCTION MANAGEMENT FUNCTION UNIT
PROCESSING UNIT
10
14
INFORMATION INPUT UNIT
16
INFORMATION PRESENTATION UNIT
26
TASK MANAGEMENT TABLE
24
TASK INFORMATION DB
MEMORY UNIT
12
MANAGEMENT SERVER
4
8
NETWORK
INPUT INFORMATION
NOTIFICATION INFORMATION
INPUT INFORMATION
NOTIFICATION INFORMATION
INPUT INFORMATION
NOTIFICATION INFORMATION
32-1
32-m
302
304
306
322
324
322
324
30
32
6
2
CONSTRUCTION MANAGEMENT SYSTEM

FIG.2

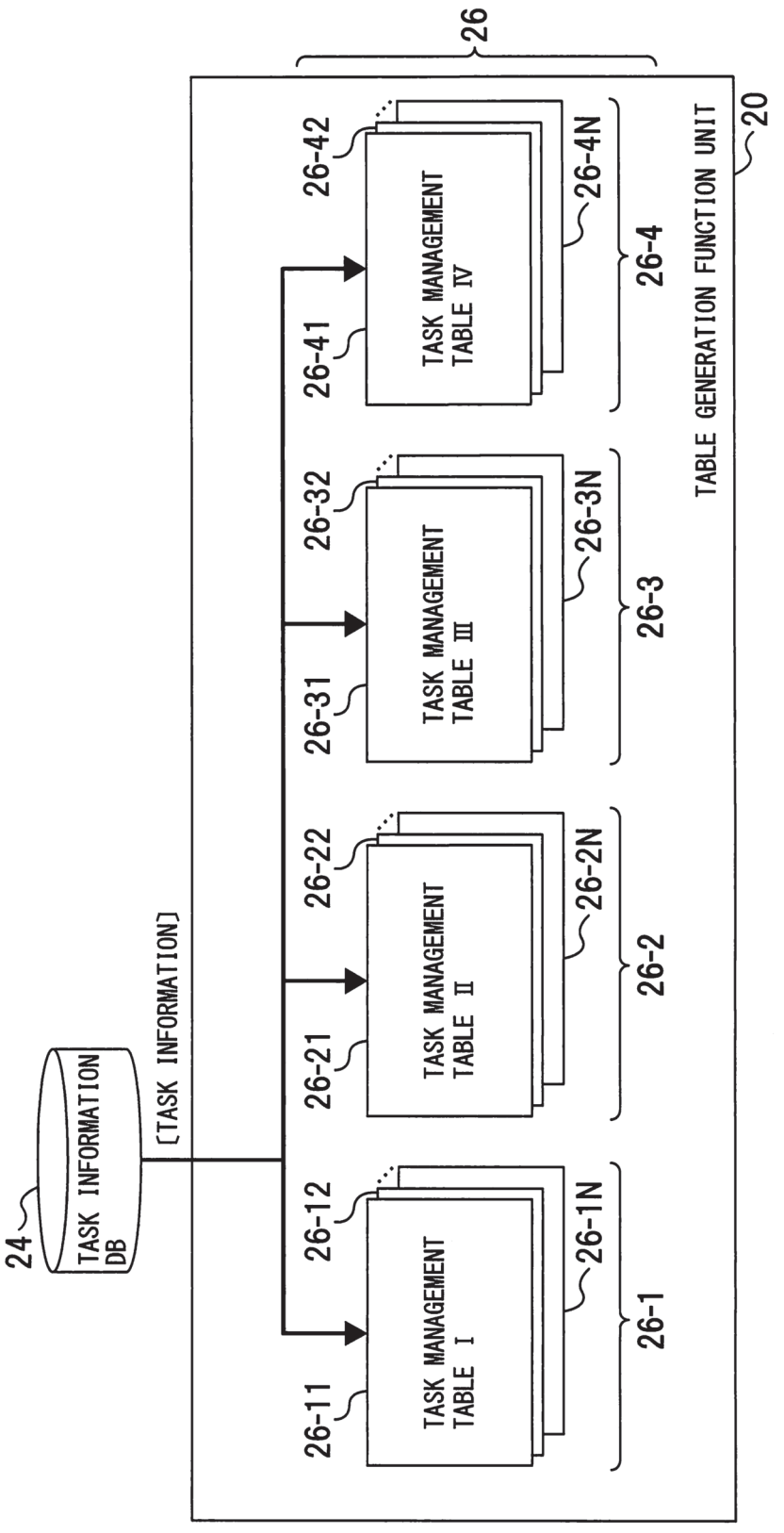

24
TASK INFORMATION DB
[TASK INFORMATION]
TABLE GENERATION FUNCTION UNIT
20
26
26-1
26-11
26-12
TASK MANAGEMENT TABLE I
26-1N
26-2
26-21
26-22
TASK MANAGEMENT TABLE II
26-2N
26-3
26-31
26-32
TASK MANAGEMENT TABLE III
26-3N
26-4
26-41
26-42
TASK MANAGEMENT TABLE IV
26-4N

FIG.3

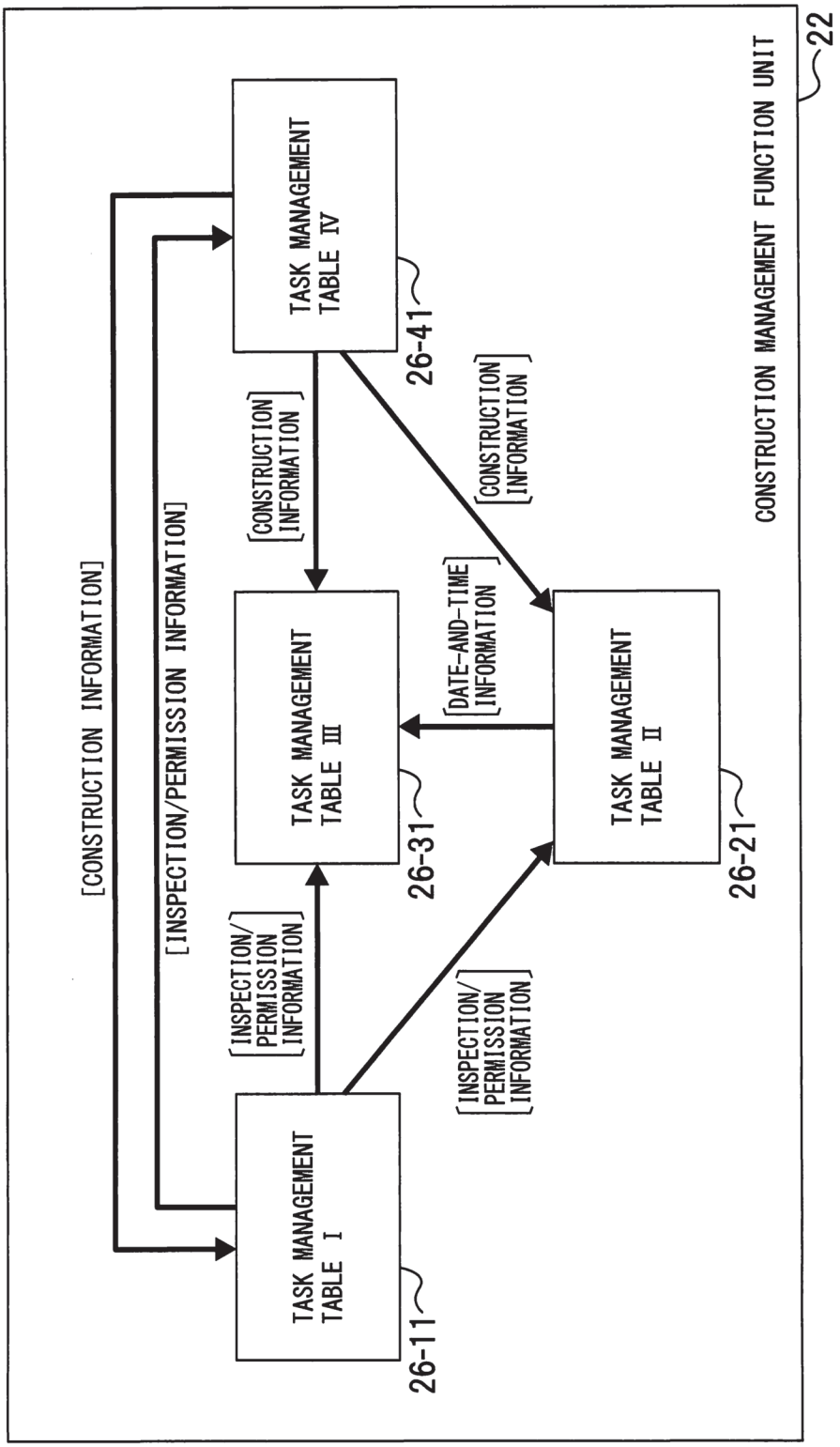
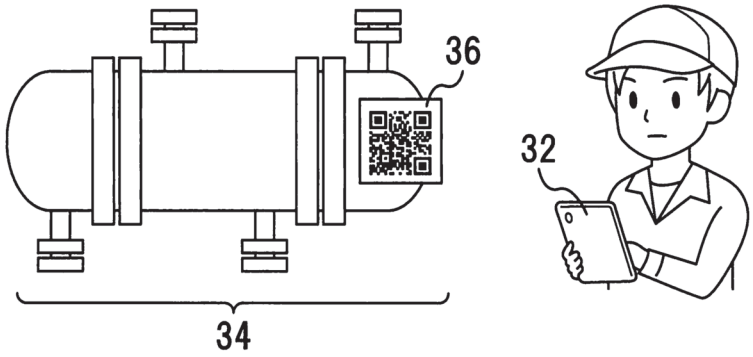

CONSTRUCTION MANAGEMENT FUNCTION UNIT
22
TASK MANAGEMENT TABLE I
26-11
TASK MANAGEMENT TABLE II
26-21
TASK MANAGEMENT TABLE III
26-31
TASK MANAGEMENT TABLE IV
26-41
[CONSTRUCTION INFORMATION]
[INSPECTION/PERMISSION INFORMATION]
[INSPECTION/PERMISSION INFORMATION]
[INSPECTION/PERMISSION INFORMATION]
[CONSTRUCTION INFORMATION]
[CONSTRUCTION INFORMATION]
[DATE-AND-TIME INFORMATION]

FIG.4

A
〔AUTHENTICATION〕



B
〔AUTHORITY SYMBOL AND RANK〕

〔AUTHORITY TABLE 38〕

AUTHORITY SYMBOL	RANK
A－1	... DIVISION
B－1	CHIEF
B－2	MANAGEMENT
B－3	VISUAL
C－1	GENERALIZATION
C－2	CHARGE
D－1	SUPERVISION
D－2	QUALITY
E	BROWSING ONLY

FIG.5

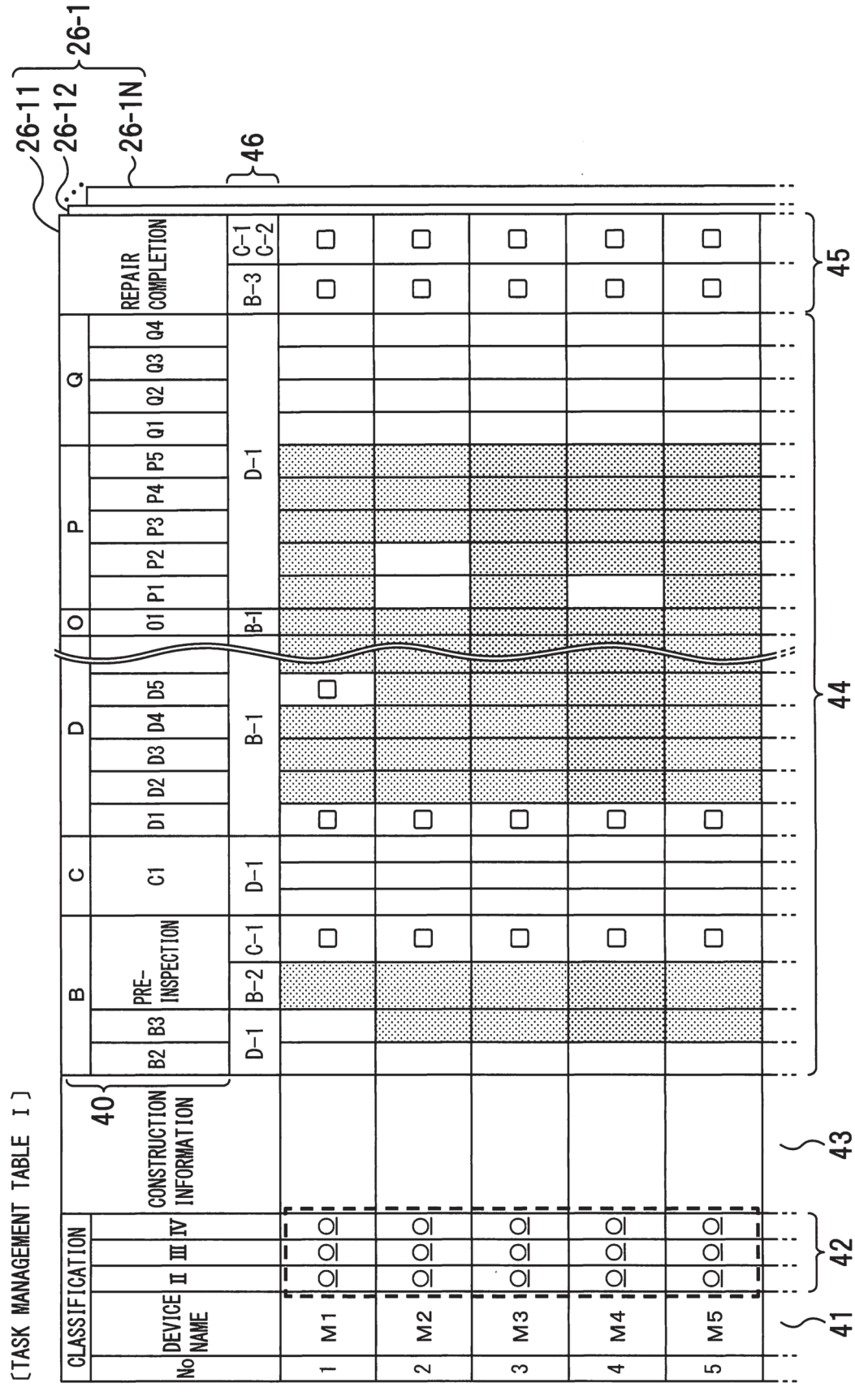

[TASK MANAGEMENT TABLE I]
CLASSIFICATION
No
DEVICE NAME
II
III
IV
CONSTRUCTION INFORMATION
40
B
B2
B3
PRE-INSPECTION
B-2
C-1
C
C1
D-1
D
D1
D2
D3
D4
D5
B-1
O
O1
P
P1
P2
P3
P4
P5
Q
Q1
Q2
Q3
Q4
D-1
B-1
REPAIR COMPLETION
B-3
C-1
C-2
26-11
26-12
26-1N
26-1
46
45
44
43
42
41
1
M1
2
M2
3
M3
4
M4
5
M5

FIG.6

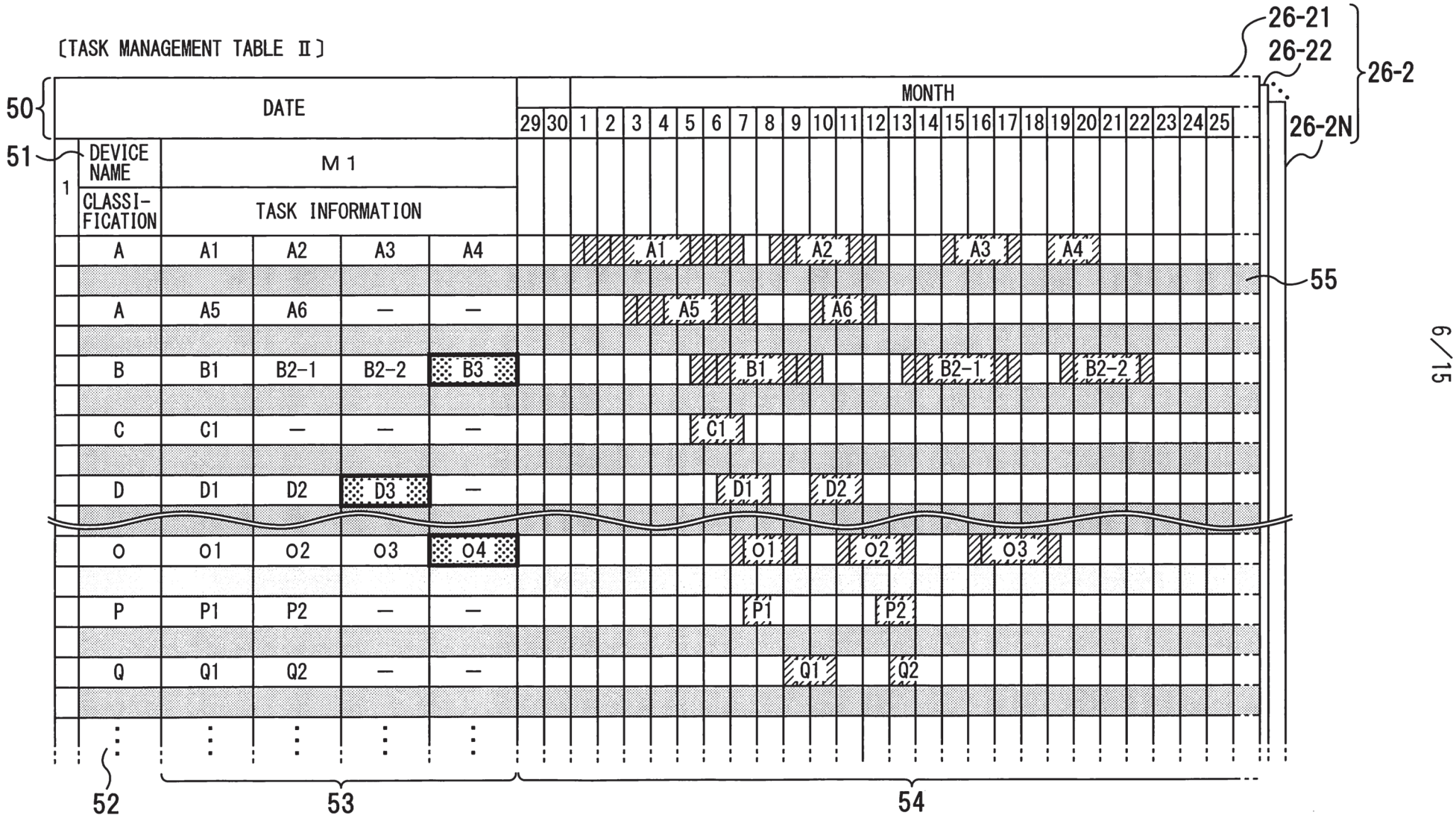

〔TASK MANAGEMENT TABLE Ⅱ〕
50
DATE
MONTH
29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
51
1
DEVICE NAME
M 1
CLASSI-FICATION
TASK INFORMATION
A A1 A2 A3 A4
A A5 A6 — —
B B1 B2-1 B2-2 B3
C C1 — — —
D D1 D2 D3 —
O O1 O2 O3 O4
P P1 P2 — —
Q Q1 Q2 — —
26-21
26-22
26-2
26-2N
55
52
53
54

FIG.7

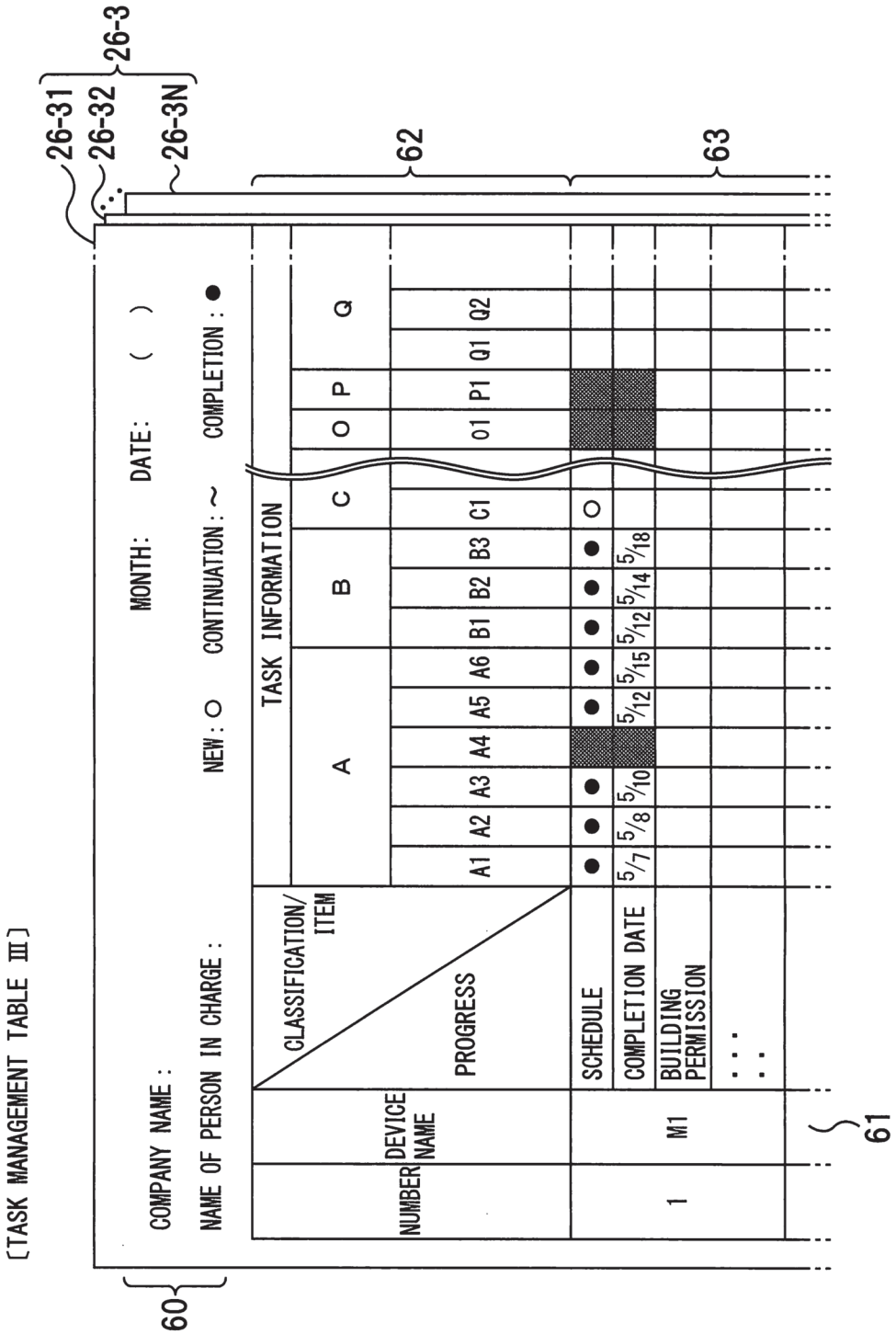

〔TASK MANAGEMENT TABLE Ⅲ〕
60
COMPANY NAME :
NAME OF PERSON IN CHARGE :
MONTH: DATE: ( )
NEW : ○ CONTINUATION : ～ COMPLETION : ●
26-31
26-32
26-3N
26-3
62
63
61
TASK INFORMATION
CLASSIFICATION/ITEM
PROGRESS
NUMBER
DEVICE NAME
A
B
C
O
P
Q
A1 A2 A3 A4 A5 A6
B1 B2 B3
C1
O1 P1 Q1 Q2
SCHEDULE
COMPLETION DATE
BUILDING PERMISSION
1
M1
5/7 5/8 5/10 5/12 5/15 5/12 5/14 5/18

FIG.8

〔TASK MANAGEMENT TABLE Ⅳ〕

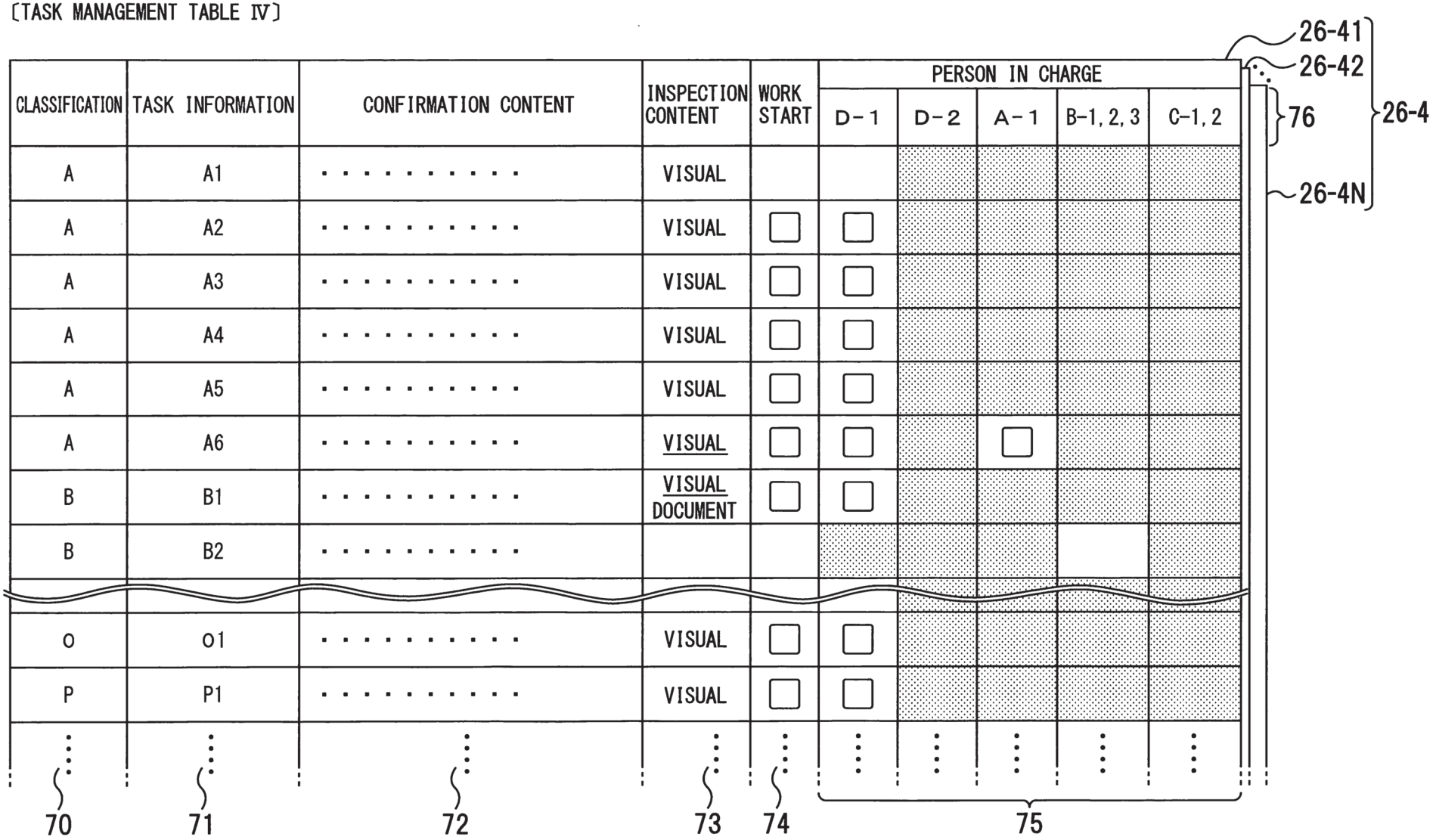


FIG.9

A

〔TASK MANAGEMENT TABLE Ⅳ〕

CLASSIFICATION	TASK INFORMATION	CONFIRMATION CONTENT	INSPECTION CONTENT	WORK START	PERSON IN CHARGE D-1	D-2	A-1	B-1,2,3
A	A1	・・・・・・・	VISUAL	5/4 ○○○	5/7 ○○○			
A	A6	・・・・・・・	VISUAL	5/6 AM	5/9 8:52 ○○○			
B	B1	・・・・・・・	VISUAL DOCUMENT	□	□			

RA, 80, 73, 74, RB, 75

B

〔TASK MANAGEMENT TABLE Ⅱ〕

		DATE	MONTH 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
1	DEVICE NAME	M1	
	CLASSIFICATION	TASK INFORMATION	
	A	A1 ・・・ ・・・ ・・・	A1 A2 A3
			RA
	A	・・・ A6 — —	A5 A6
			RB
	B	・・・ ・・・ ・・・	・・・ ・・・

81, 55, 53, 54

C

〔TASK MANAGEMENT TABLE Ⅲ〕

60 COMPANY NAME : MONTH: DATE: ( )
NAME OF PERSON IN CHARGE : NEW: ○ CONTINUATION: ～ COMPLETION: ●

NUMBER	DEVICE NAME	CLASSIFICATION/ITEM / PROGRESS	TASK INFORMATION A						B			C		O	P	Q	
			A1	A2	A3	A4	A5	A6	B1	B2	B3	C1		O1	P1	Q1	Q2
1	M1	SCHEDULE	●	～	～												
		COMPLETION DATE	5/7	5/7	5/8			5/9									
		BUILDING PERMISSION															

62, 63, 61, RA, RB

FIG.10

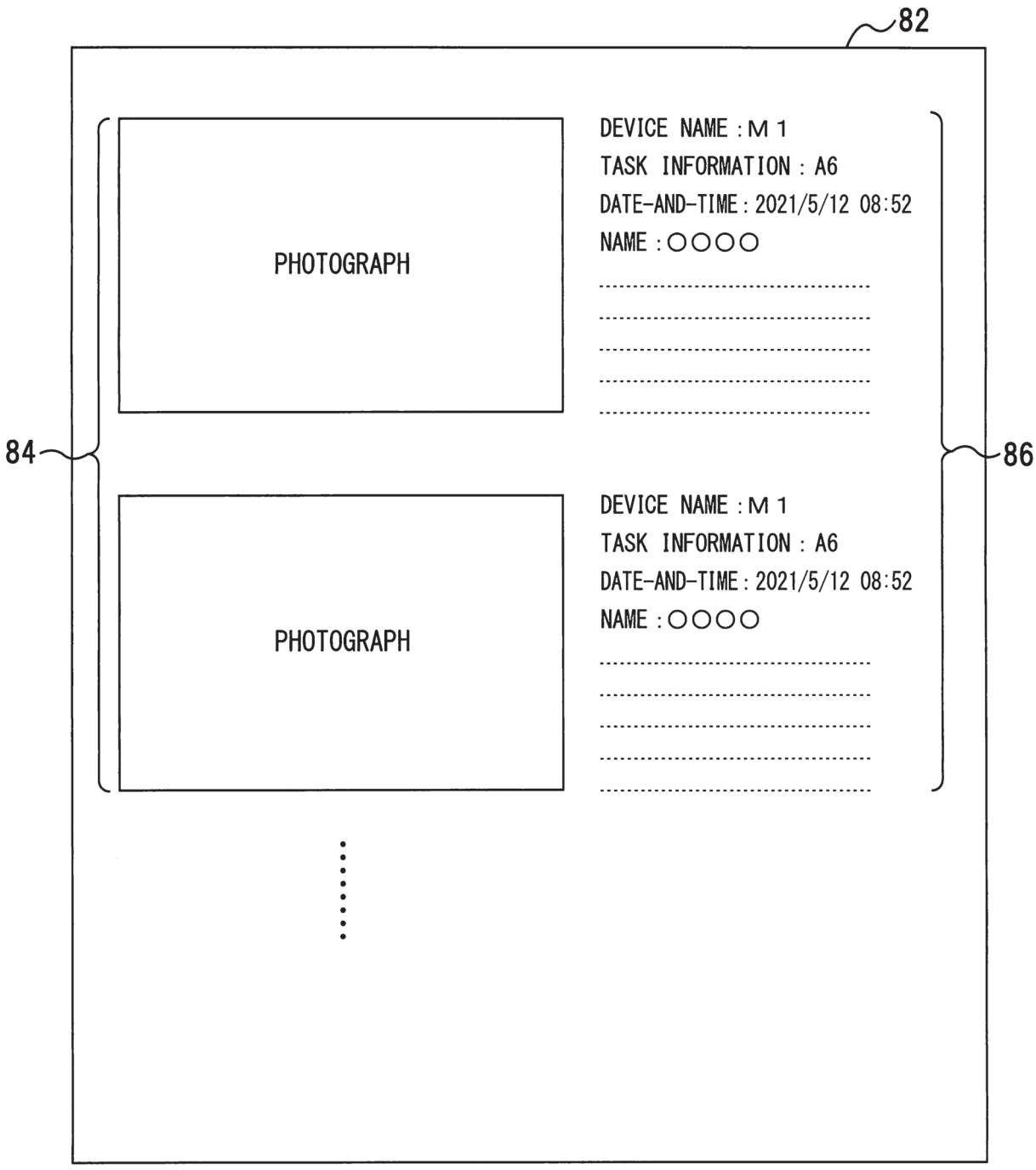
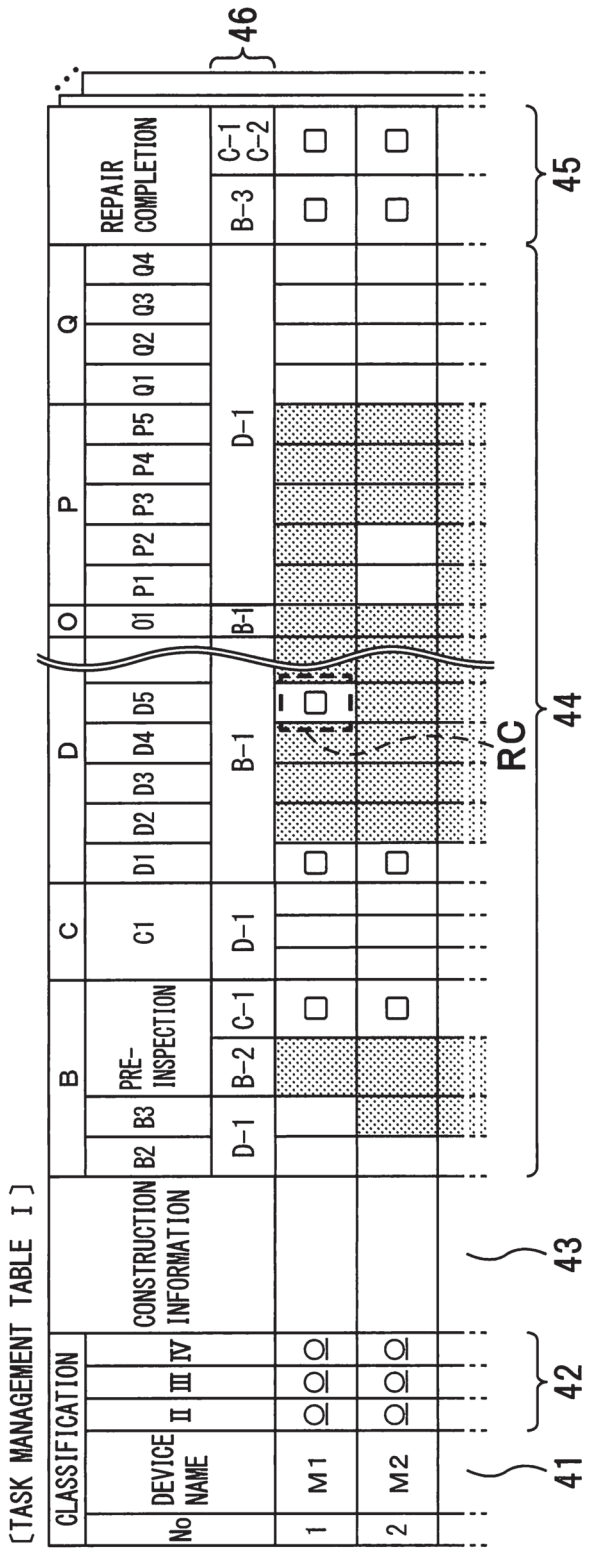

82
PHOTOGRAPH
DEVICE NAME : M 1
TASK INFORMATION : A6
DATE-AND-TIME : 2021/5/12 08:52
NAME : ○○○○
84
86
PHOTOGRAPH
DEVICE NAME : M 1
TASK INFORMATION : A6
DATE-AND-TIME : 2021/5/12 08:52
NAME : ○○○○

FIG.11

A


〔TASK MANAGEMENT TABLE I〕
No
CLASSIFICATION
DEVICE NAME
II III IV
CONSTRUCTION INFORMATION
B
B2 B3
PRE-INSPECTION
C
C1
D
D1 D2 D3 D4 D5
O
O1
P
P1 P2 P3 P4 P5
Q
Q1 Q2 Q3 Q4
REPAIR COMPLETION
B-3
C-1 C-2
D-1
B-2
C-1
B-1
1 M1 ○○○
2 M2 ○○○
RC
41
42
43
44
45
46

B

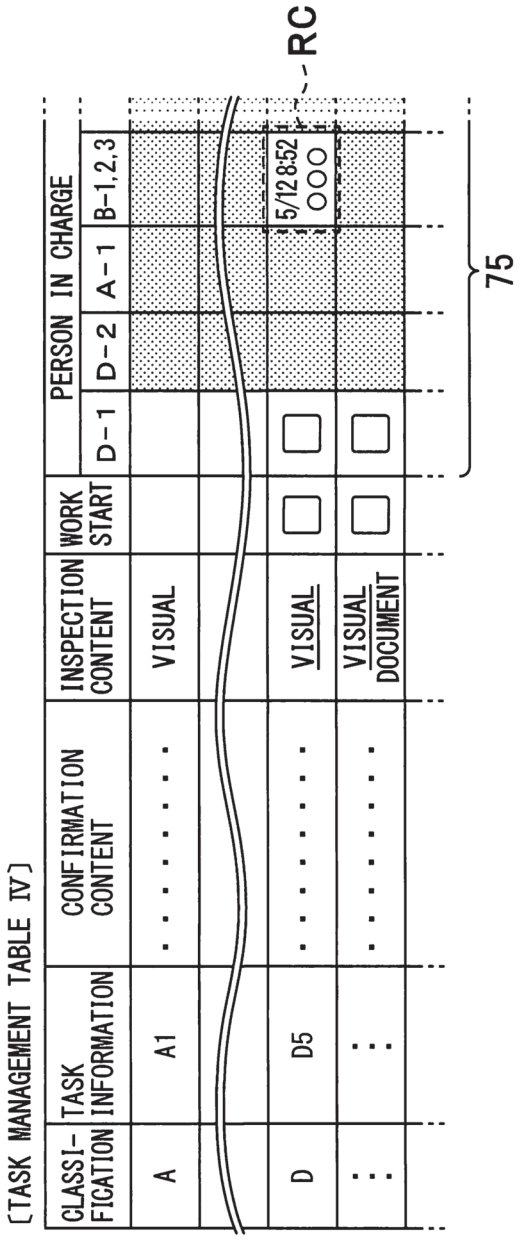

〔TASK MANAGEMENT TABLE IV〕
CLASSI-FICATION
TASK INFORMATION
CONFIRMATION CONTENT
INSPECTION CONTENT
WORK START
PERSON IN CHARGE
D-1
D-2
A-1
B-1,2,3
A
A1
. . . . . .
VISUAL
D
D5
. . . . . .
VISUAL
5/12 8:52
○○○
VISUAL DOCUMENT
RC
75

FIG.12

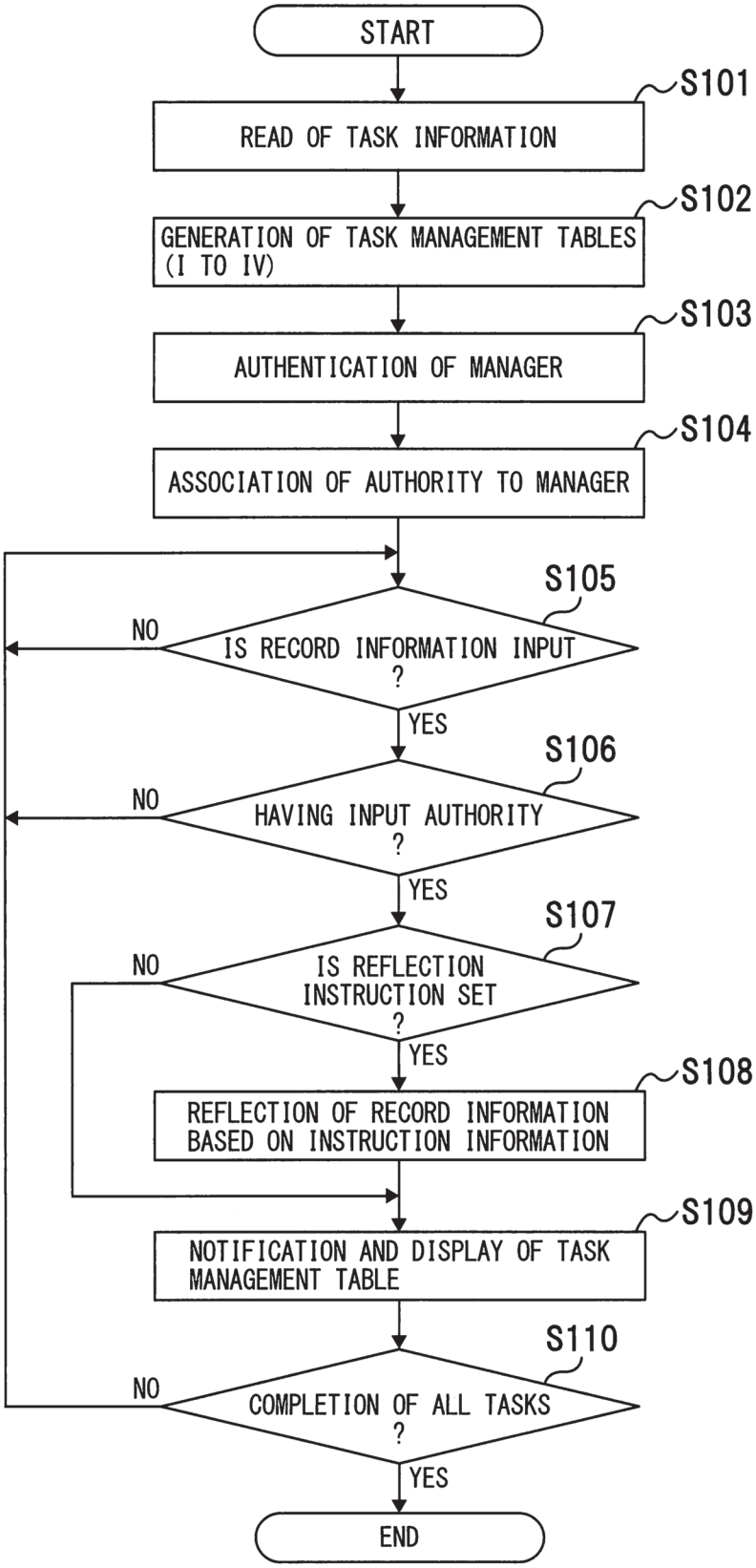

START
S101
READ OF TASK INFORMATION
S102
GENERATION OF TASK MANAGEMENT TABLES (I TO IV)
S103
AUTHENTICATION OF MANAGER
S104
ASSOCIATION OF AUTHORITY TO MANAGER
S105
IS RECORD INFORMATION INPUT ?
NO
YES
S106
HAVING INPUT AUTHORITY ?
NO
YES
S107
IS REFLECTION INSTRUCTION SET ?
NO
YES
S108
REFLECTION OF RECORD INFORMATION BASED ON INSTRUCTION INFORMATION
S109
NOTIFICATION AND DISPLAY OF TASK MANAGEMENT TABLE
S110
COMPLETION OF ALL TASKS ?
NO
YES
END

FIG.13

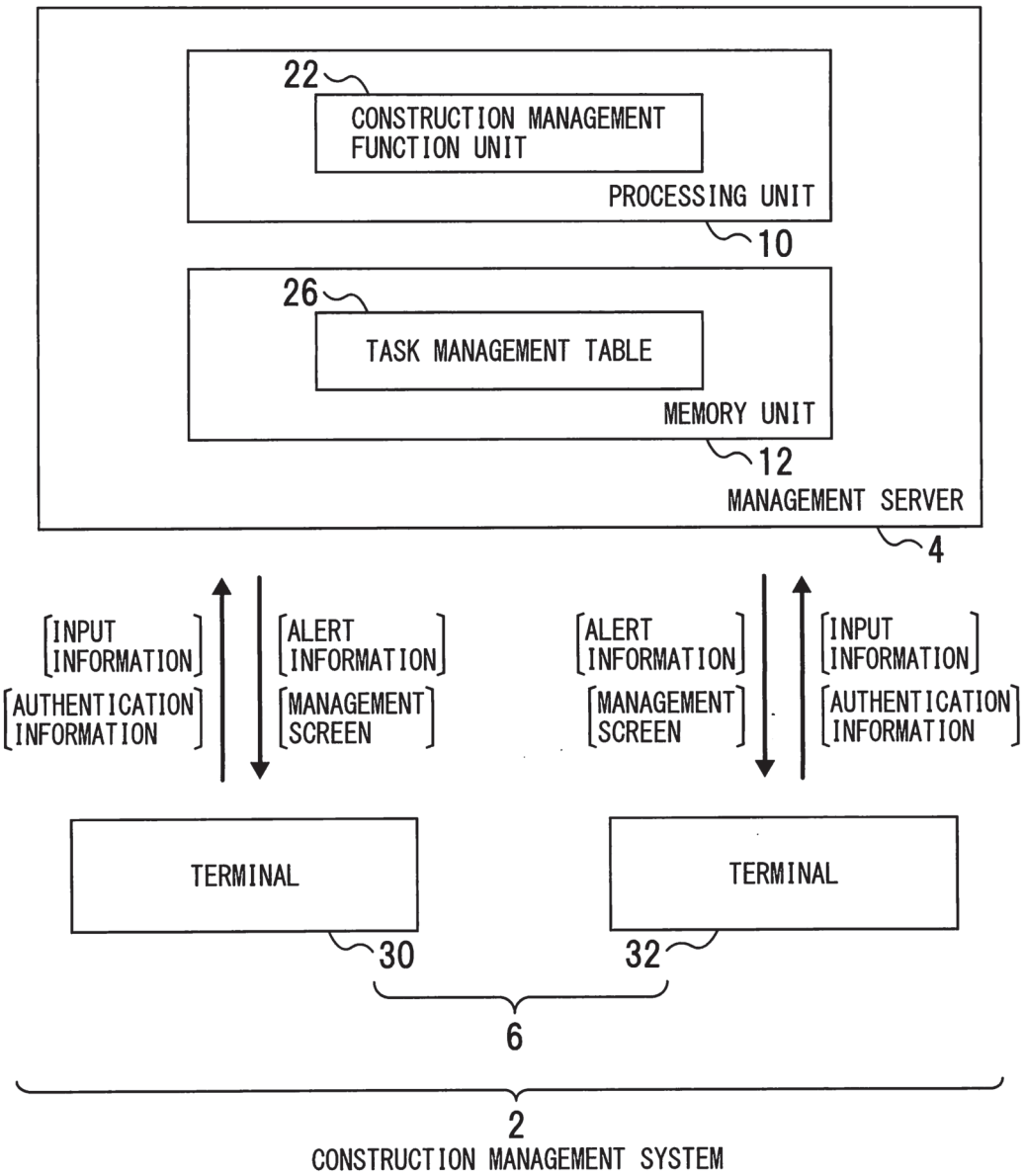
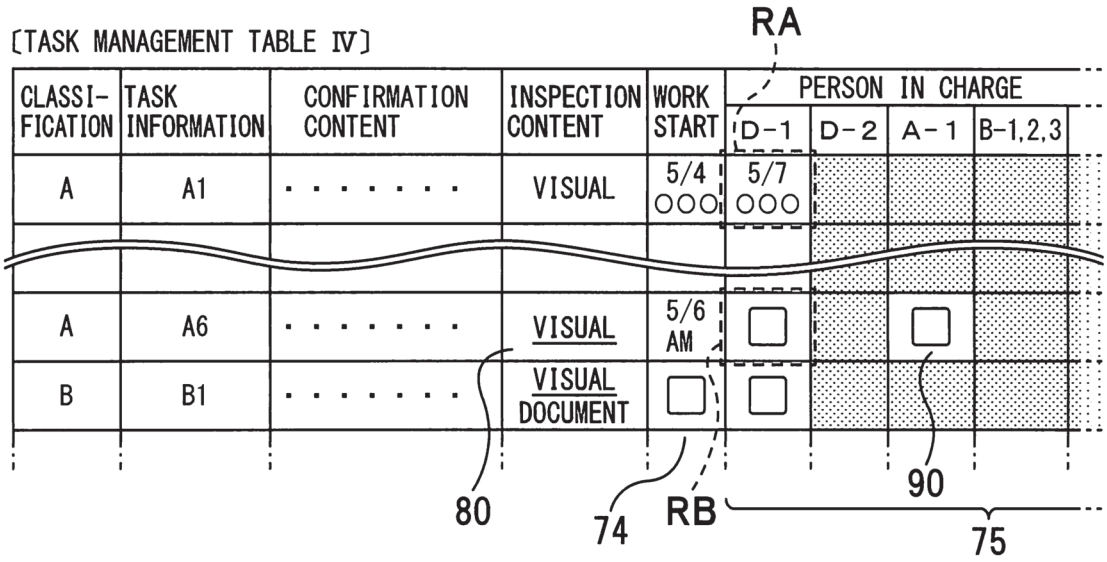

22
CONSTRUCTION MANAGEMENT FUNCTION UNIT
PROCESSING UNIT
10
26
TASK MANAGEMENT TABLE
MEMORY UNIT
12
MANAGEMENT SERVER
4
INPUT INFORMATION
AUTHENTICATION INFORMATION
ALERT INFORMATION
MANAGEMENT SCREEN
ALERT INFORMATION
MANAGEMENT SCREEN
INPUT INFORMATION
AUTHENTICATION INFORMATION
TERMINAL
TERMINAL
30
32
6
2
CONSTRUCTION MANAGEMENT SYSTEM

FIG.14

A

〔TASK MANAGEMENT TABLE Ⅳ〕



B

〔TASK MANAGEMENT TABLE Ⅳ〕

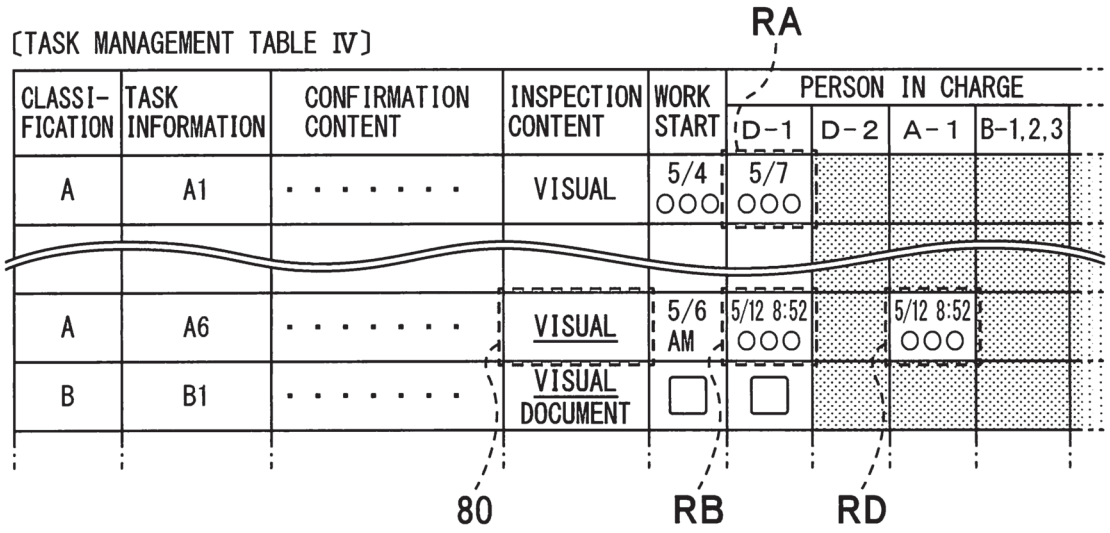
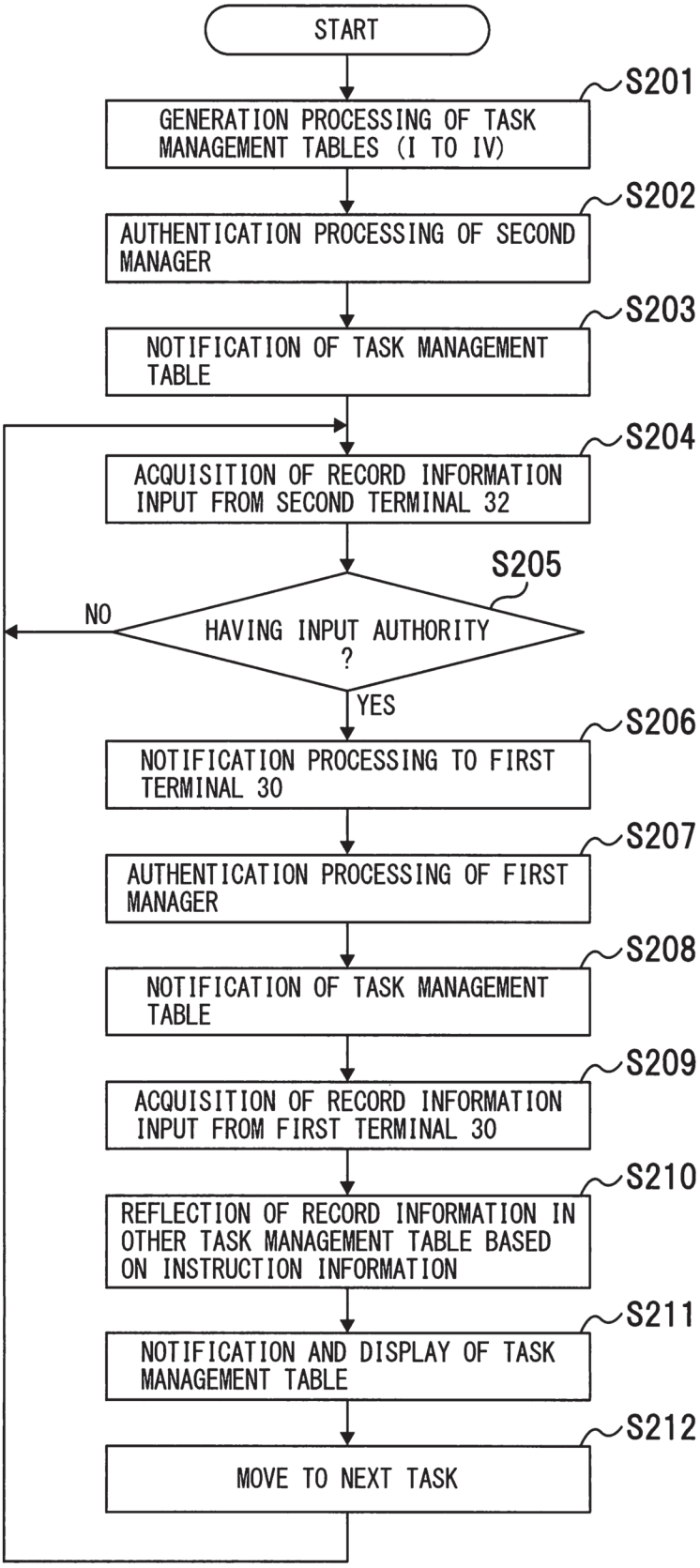


FIG.15


START
S201
GENERATION PROCESSING OF TASK MANAGEMENT TABLES (I TO IV)
S202
AUTHENTICATION PROCESSING OF SECOND MANAGER
S203
NOTIFICATION OF TASK MANAGEMENT TABLE
S204
ACQUISITION OF RECORD INFORMATION INPUT FROM SECOND TERMINAL 32
S205
HAVING INPUT AUTHORITY ?
NO
YES
S206
NOTIFICATION PROCESSING TO FIRST TERMINAL 30
S207
AUTHENTICATION PROCESSING OF FIRST MANAGER
S208
NOTIFICATION OF TASK MANAGEMENT TABLE
S209
ACQUISITION OF RECORD INFORMATION INPUT FROM FIRST TERMINAL 30
S210
REFLECTION OF RECORD INFORMATION IN OTHER TASK MANAGEMENT TABLE BASED ON INSTRUCTION INFORMATION
S211
NOTIFICATION AND DISPLAY OF TASK MANAGEMENT TABLE
S212
MOVE TO NEXT TASK