FIG.1

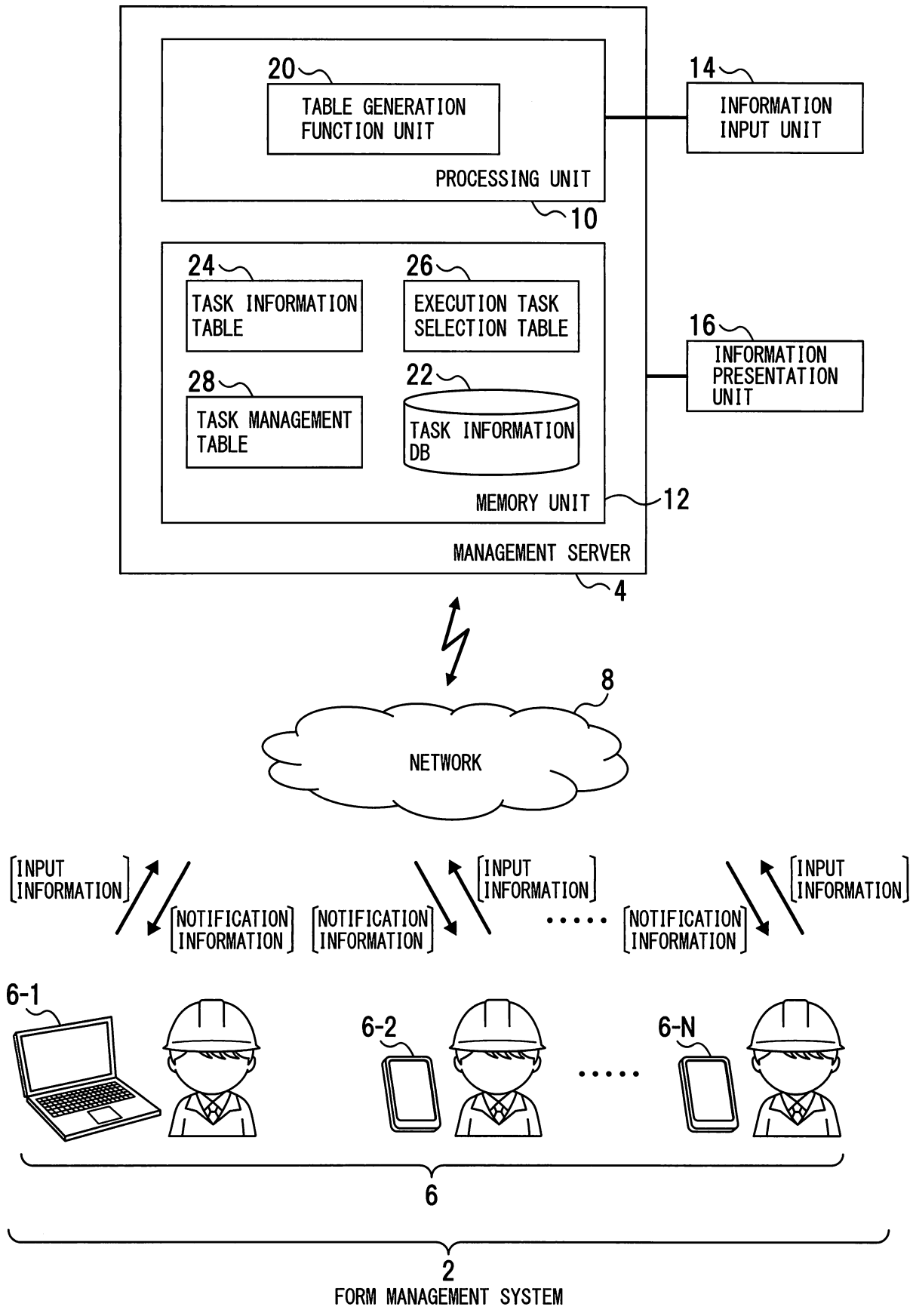

20
TABLE GENERATION FUNCTION UNIT
PROCESSING UNIT
10
14
INFORMATION INPUT UNIT
24
TASK INFORMATION TABLE
26
EXECUTION TASK SELECTION TABLE
28
TASK MANAGEMENT TABLE
22
TASK INFORMATION DB
16
INFORMATION PRESENTATION UNIT
MEMORY UNIT
12
MANAGEMENT SERVER
4
8
NETWORK
INPUT INFORMATION
NOTIFICATION INFORMATION
INPUT INFORMATION
NOTIFICATION INFORMATION
INPUT INFORMATION
NOTIFICATION INFORMATION
6-1
6-2
6-N
6
2
FORM MANAGEMENT SYSTEM

FIG.2

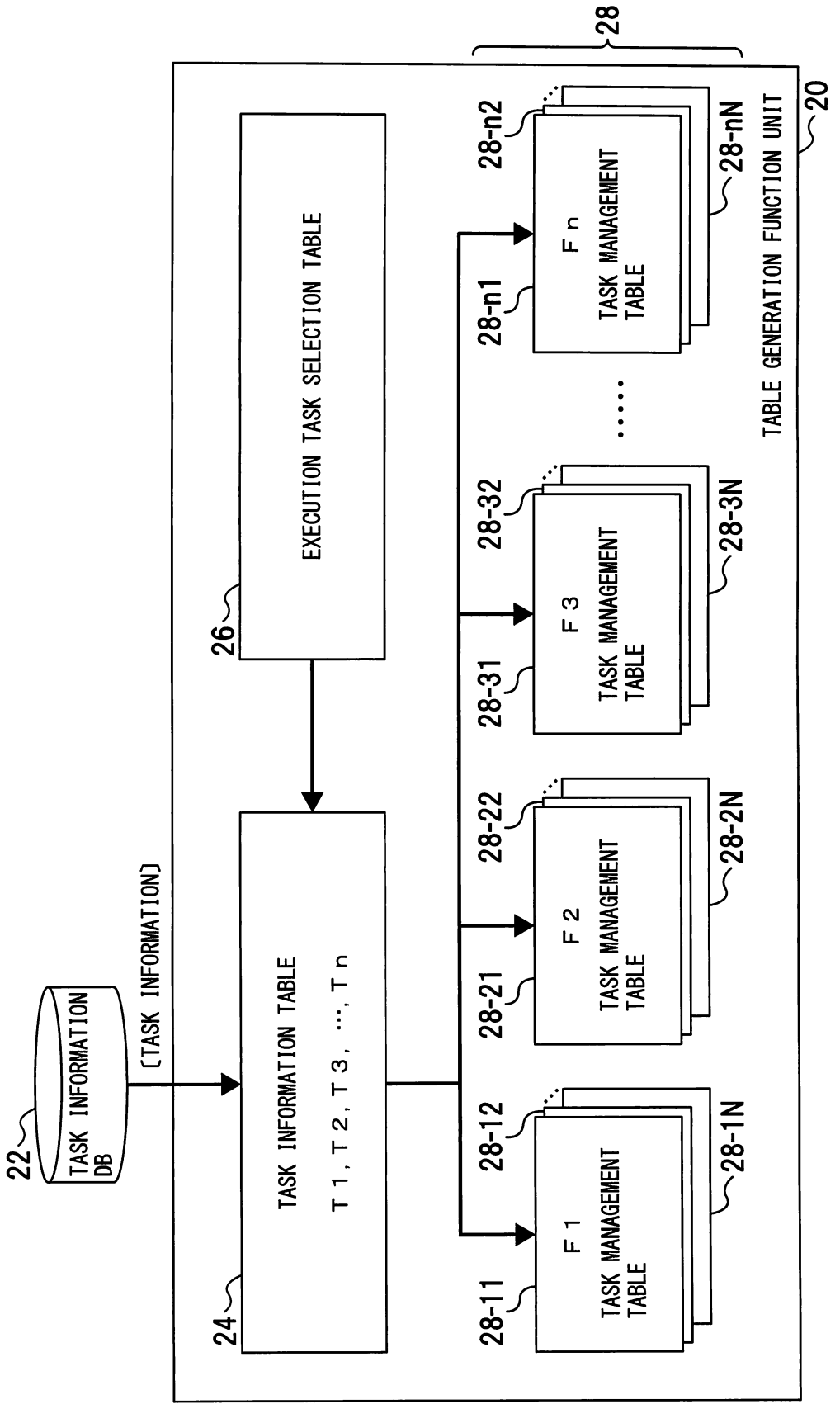

22
TASK INFORMATION DB
[TASK INFORMATION]
24
TASK INFORMATION TABLE
T1, T2, T3, ···, Tn
26
EXECUTION TASK SELECTION TABLE
28
TABLE GENERATION FUNCTION UNIT
20
28-11
28-12
28-1N
F1 TASK MANAGEMENT TABLE
28-21
28-22
28-2N
F2 TASK MANAGEMENT TABLE
28-31
28-32
28-3N
F3 TASK MANAGEMENT TABLE
28-n1
28-n2
28-nN
Fn TASK MANAGEMENT TABLE
.....

FIG.3

[TASK INFORMATION TABLE 24]

30

MANAGEMENT FUNCTION	T 1		T 2		T 3		T 4		...	T n	MANAGER SETTING				
											X COMPANY			Y COMPANY	
No	REFLECTION	TASK INFORMATION	REFLECTION	TASK INFORMATION	REFLECTION	TASK INFORMATION	CLASSI-FICATION	TASK INFORMATION		TASK INFORMATION	x 1	x 2	x 3	y 1	y 2
1	×	—	○	A21	○	A31	A	A41		An1				○	
2	×	—	○	A22	○	A32	A	A42		An2				○	
3	×	—	○	A23	○	A33	A	A43		An3				○	
4	×	—	○	A24	○	A34	A	A44		An4				○	
5	×	—	○	A25	○	A35	A	A45		An5				○	
6	×	—	○	A26	×	A36	A	A46		An6	○			○	
7	×	—	○	B21	○	B31	B	B41		Bn1				○	
8	○	B12	○ ○	B22-1 B22-2	○	B32	B	B42		Bn2				○	
9	○	B13	○	B23	○	B33	B	B43		Bn3				○	
10	○	C11	○	C21	○	C31	C	C41		Cn1				○	
・・	○	O11	○	O21	○	O31	O	O41		On1				○	
・・	○	P11	○	P21	○	P31	P	P41		Pn1				○	

31 32 33 34 35 36 37 38 39 40

FIG.4

[EXECUTION TASK SELECTION TABLE 26]

No.	DEVICE NAME					
	M1	M2	M3	M4	M5	••••
1	○	○		○	○	
2	○	○		○	○	
3	○	○		○	○	
4	○	○	○			
5	○	○				
6	○	○	○	○	○	
7	○	○	○	○	○	
8	○	○	○	○	○	
9				○	○	
10	○	○	○			
11	○	○	○	○	○	
12	○	○	○	○	○	
13	○	○	○	○	○	
14	○	○	○	○	○	
15			○			
16			○			
17			○			
⋮	⋮	⋮	⋮	⋮	⋮	

41

42

FIG.5

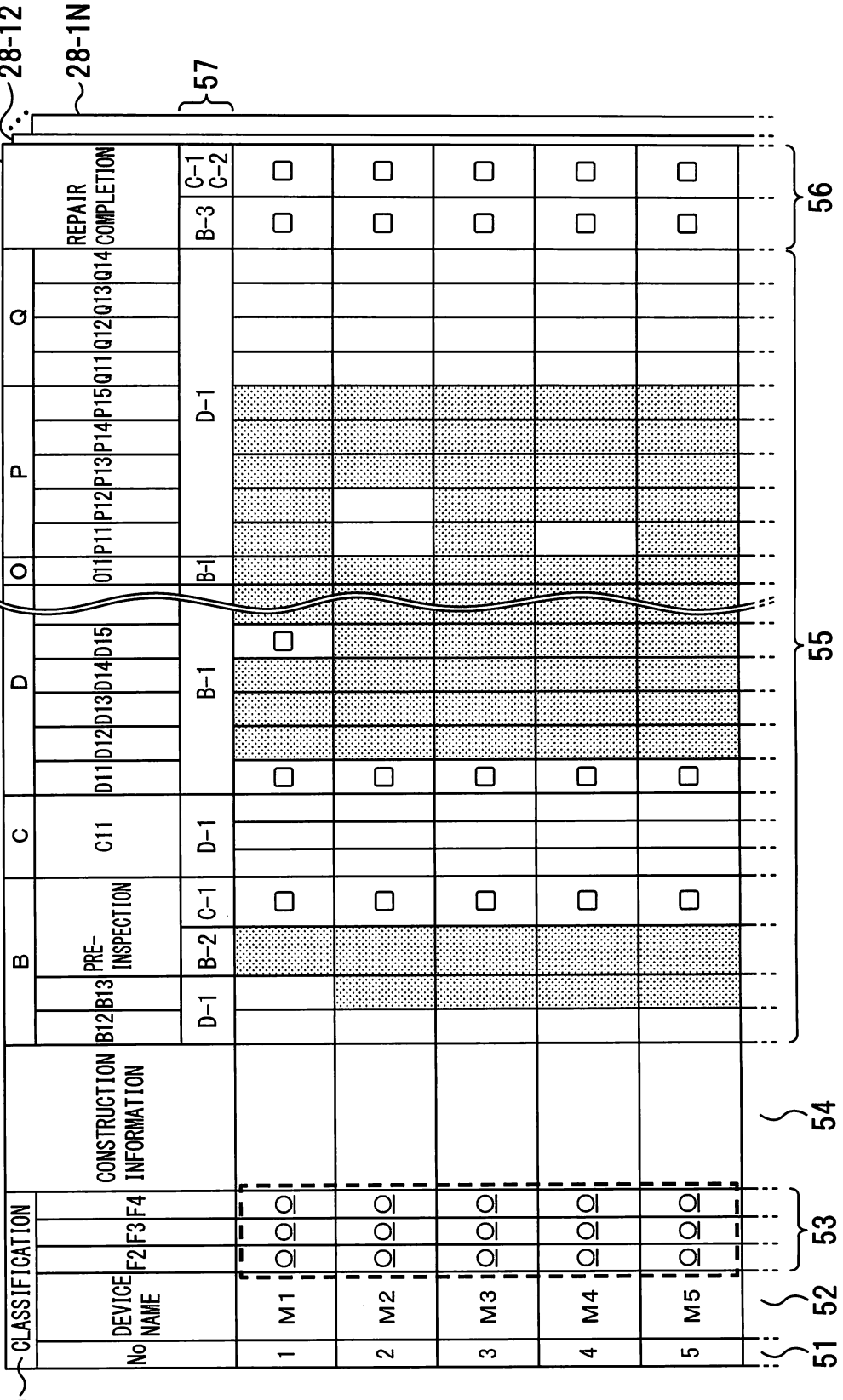

〔TASK MANAGEMENT TABLE F1〕
50
CLASSIFICATION
No
DEVICE NAME
F2
F3
F4
CONSTRUCTION INFORMATION
B
B12
B13
PRE-INSPECTION
B-2
C-1
C
C11
D-1
D
D11
D12
D13
D14
D15
B-1
O
O11
P
P11
P12
P13
P14
P15
Q
Q11
Q12
Q13
Q14
REPAIR COMPLETION
B-3
C-1
C-2
28-11
28-12
28-1N
57
56
55
54
53
52
51
1
M1
2
M2
3
M3
4
M4
5
M5

FIG.6

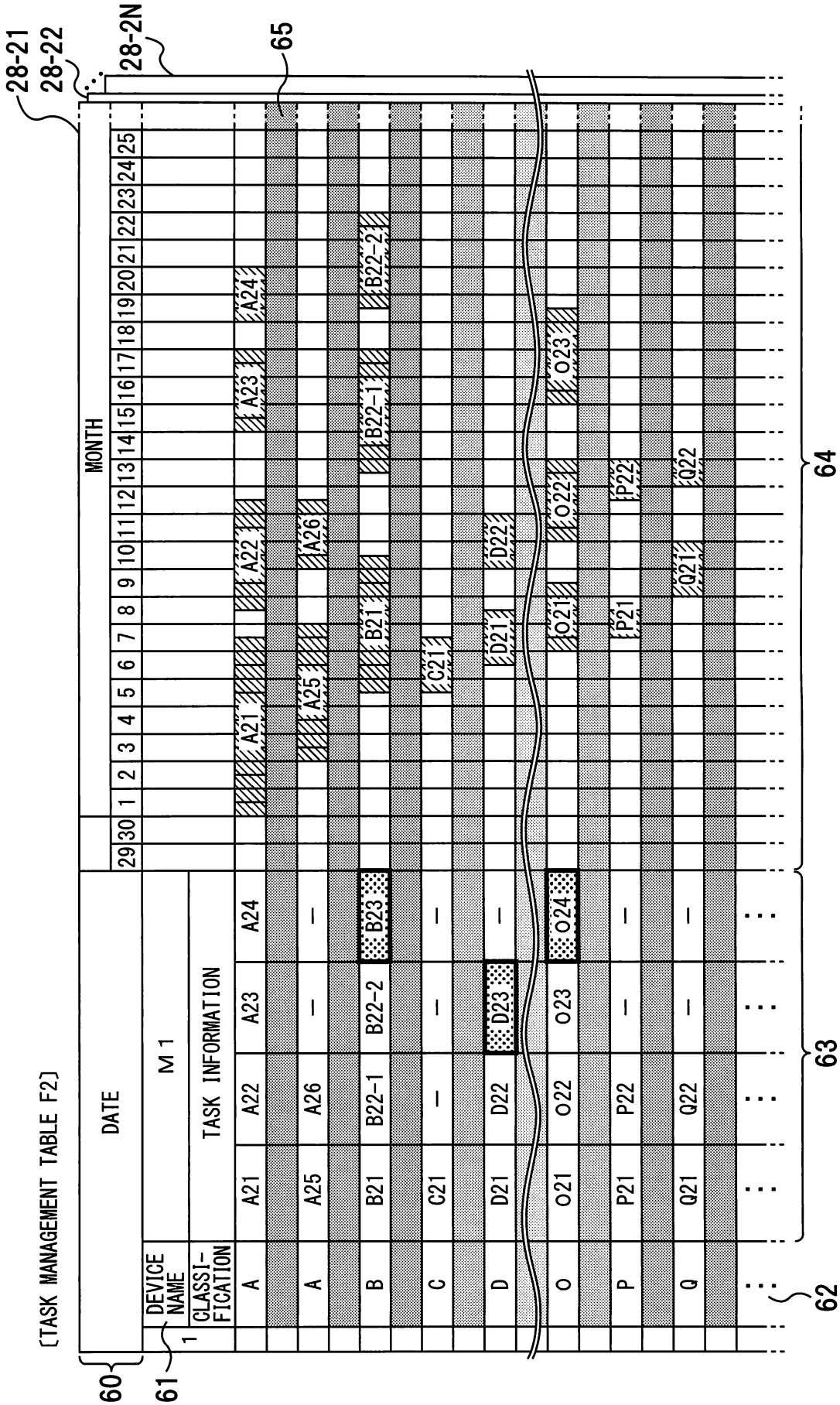

[TASK MANAGEMENT TABLE F2]
DATE
M 1
DEVICE NAME
CLASSI-FICATION
TASK INFORMATION
MONTH
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 29 30
A A21 A22 A23 A24
A A25 A26 — —
B B21 B22-1 B22-2 B23
C C21 — — —
D D21 D22 D23 —
O O21 O22 O23 O24
P P21 P22 — —
Q Q21 Q22 — —
28-21
28-22
28-2N
60
61
62
63
64
65

FIG.7

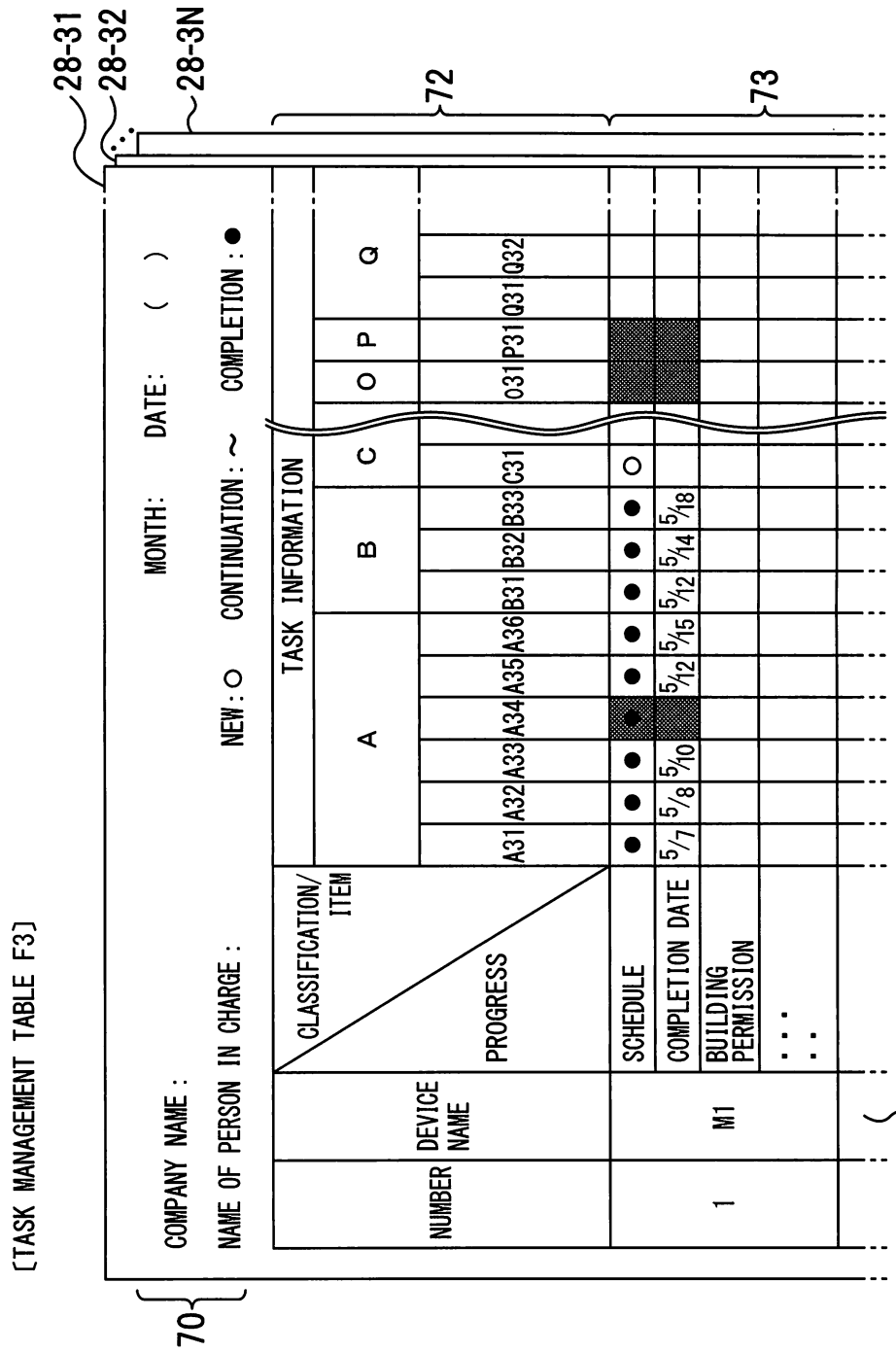

[TASK MANAGEMENT TABLE F3]
28-31
28-32
28-3N
72
73
70
71
COMPANY NAME :
NAME OF PERSON IN CHARGE :
MONTH: DATE: ( )
NEW:○ CONTINUATION:～ COMPLETION:●
TASK INFORMATION
CLASSIFICATION/ITEM
PROGRESS
NUMBER
DEVICE NAME
A
B
C
O
P
Q
A31 A32 A33 A34 A35 A36 B31 B32 B33 C31 O31 P31 Q31 Q32
SCHEDULE
COMPLETION DATE
BUILDING PERMISSION
5/7 5/8 5/10 5/12 5/15 5/12 5/14 5/18
1
M1

FIG.8

〔TASK MANAGEMENT TABLE F4〕

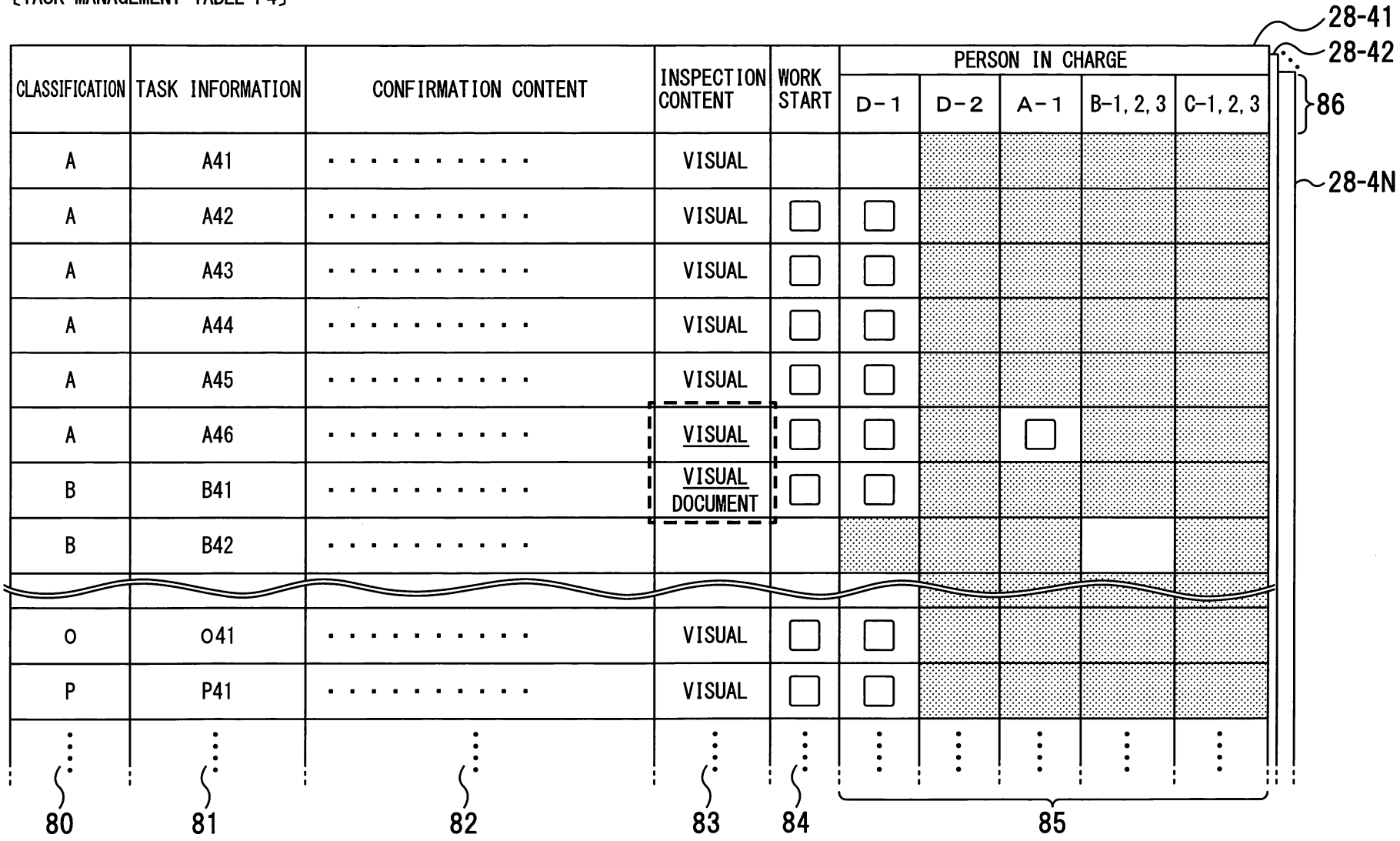


FIG.9

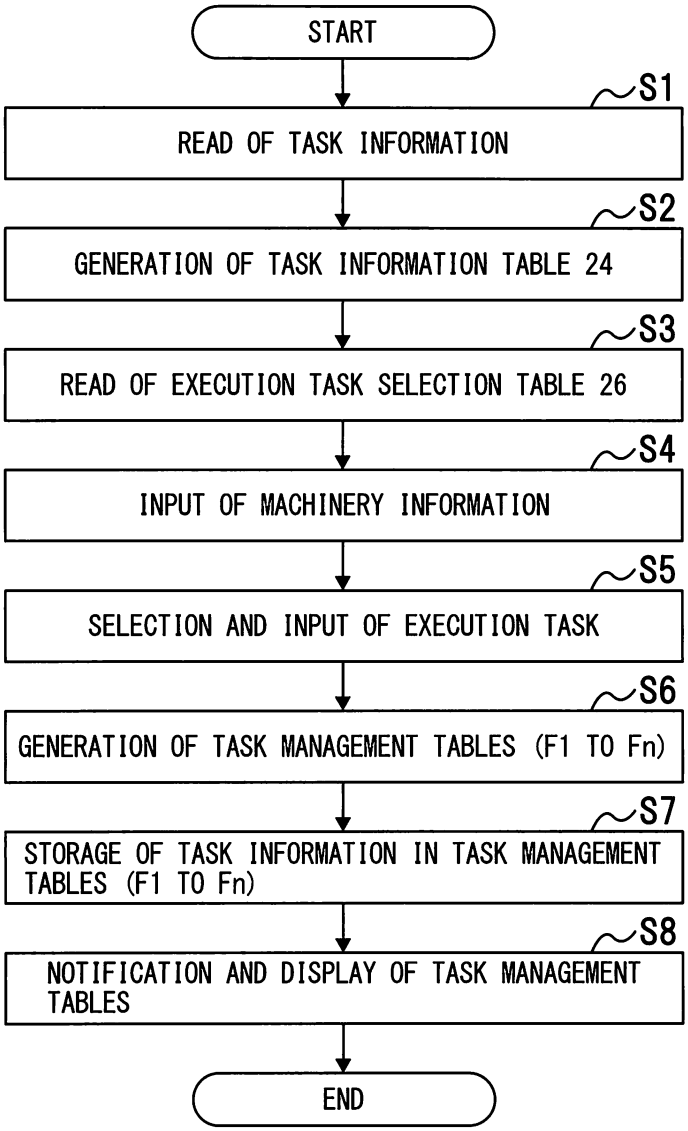

START
S1
READ OF TASK INFORMATION
S2
GENERATION OF TASK INFORMATION TABLE 24
S3
READ OF EXECUTION TASK SELECTION TABLE 26
S4
INPUT OF MACHINERY INFORMATION
S5
SELECTION AND INPUT OF EXECUTION TASK
S6
GENERATION OF TASK MANAGEMENT TABLES (F1 TO Fn)
S7
STORAGE OF TASK INFORMATION IN TASK MANAGEMENT TABLES (F1 TO Fn)
S8
NOTIFICATION AND DISPLAY OF TASK MANAGEMENT TABLES
END

FIG.10

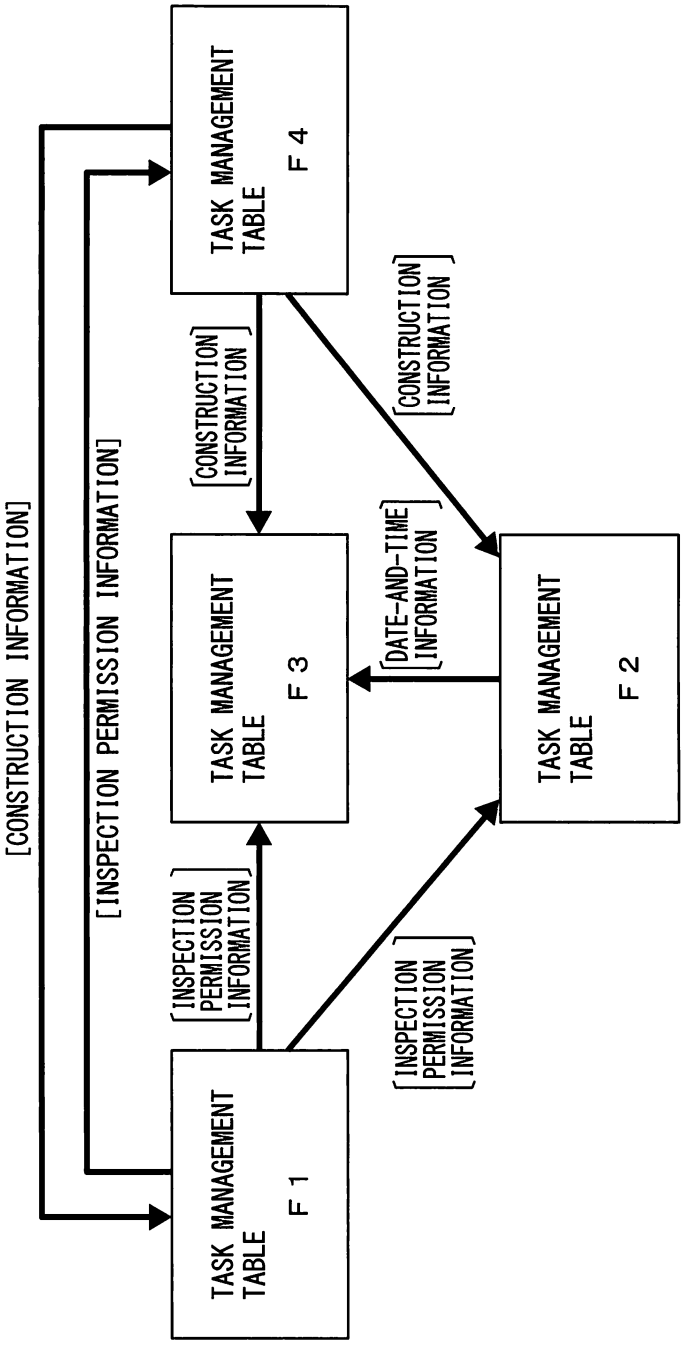

TASK MANAGEMENT TABLE F 4
TASK MANAGEMENT TABLE F 3
TASK MANAGEMENT TABLE F 2
TASK MANAGEMENT TABLE F 1
[CONSTRUCTION INFORMATION]
[INSPECTION PERMISSION INFORMATION]
[CONSTRUCTION INFORMATION]
[CONSTRUCTION INFORMATION]
[DATE-AND-TIME INFORMATION]
[INSPECTION PERMISSION INFORMATION]
[INSPECTION PERMISSION INFORMATION]

FIG.11

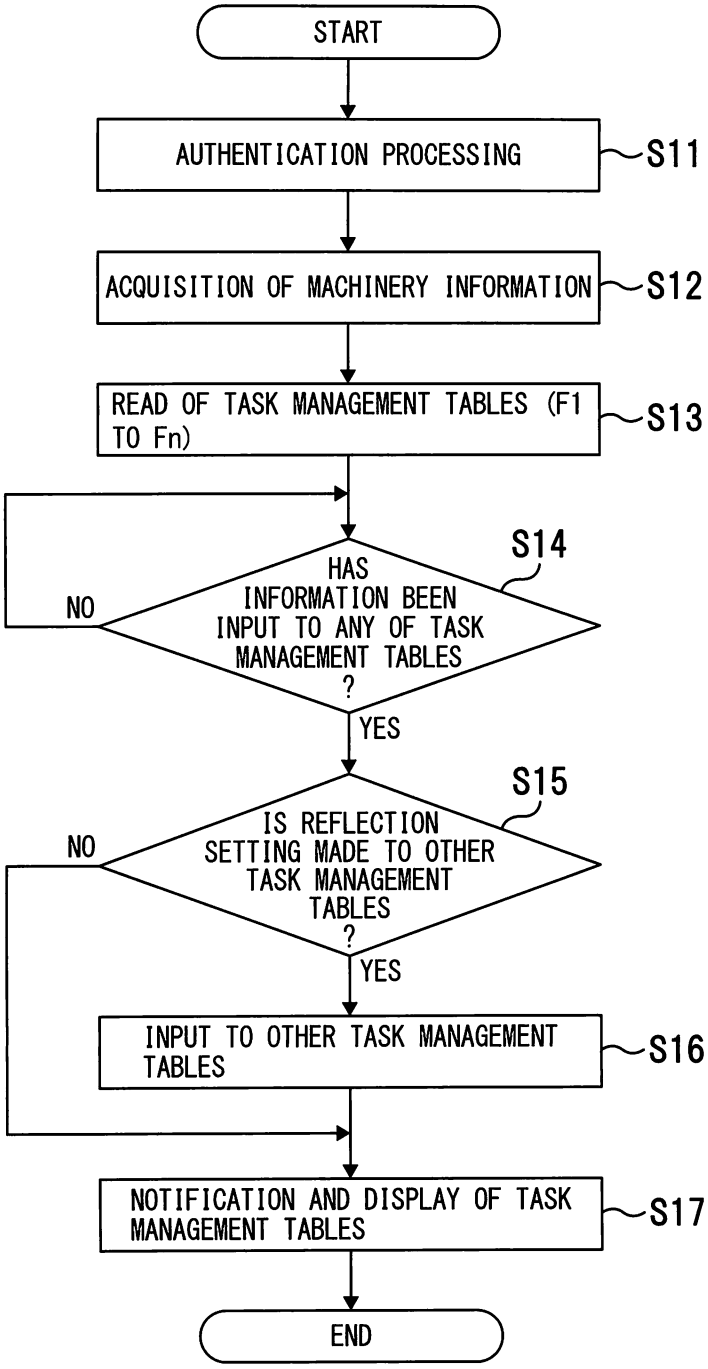

START
AUTHENTICATION PROCESSING
S11
ACQUISITION OF MACHINERY INFORMATION
S12
READ OF TASK MANAGEMENT TABLES (F1 TO Fn)
S13
S14
HAS INFORMATION BEEN INPUT TO ANY OF TASK MANAGEMENT TABLES ?
NO
YES
S15
IS REFLECTION SETTING MADE TO OTHER TASK MANAGEMENT TABLES ?
NO
YES
INPUT TO OTHER TASK MANAGEMENT TABLES
S16
NOTIFICATION AND DISPLAY OF TASK MANAGEMENT TABLES
S17
END

FIG.12

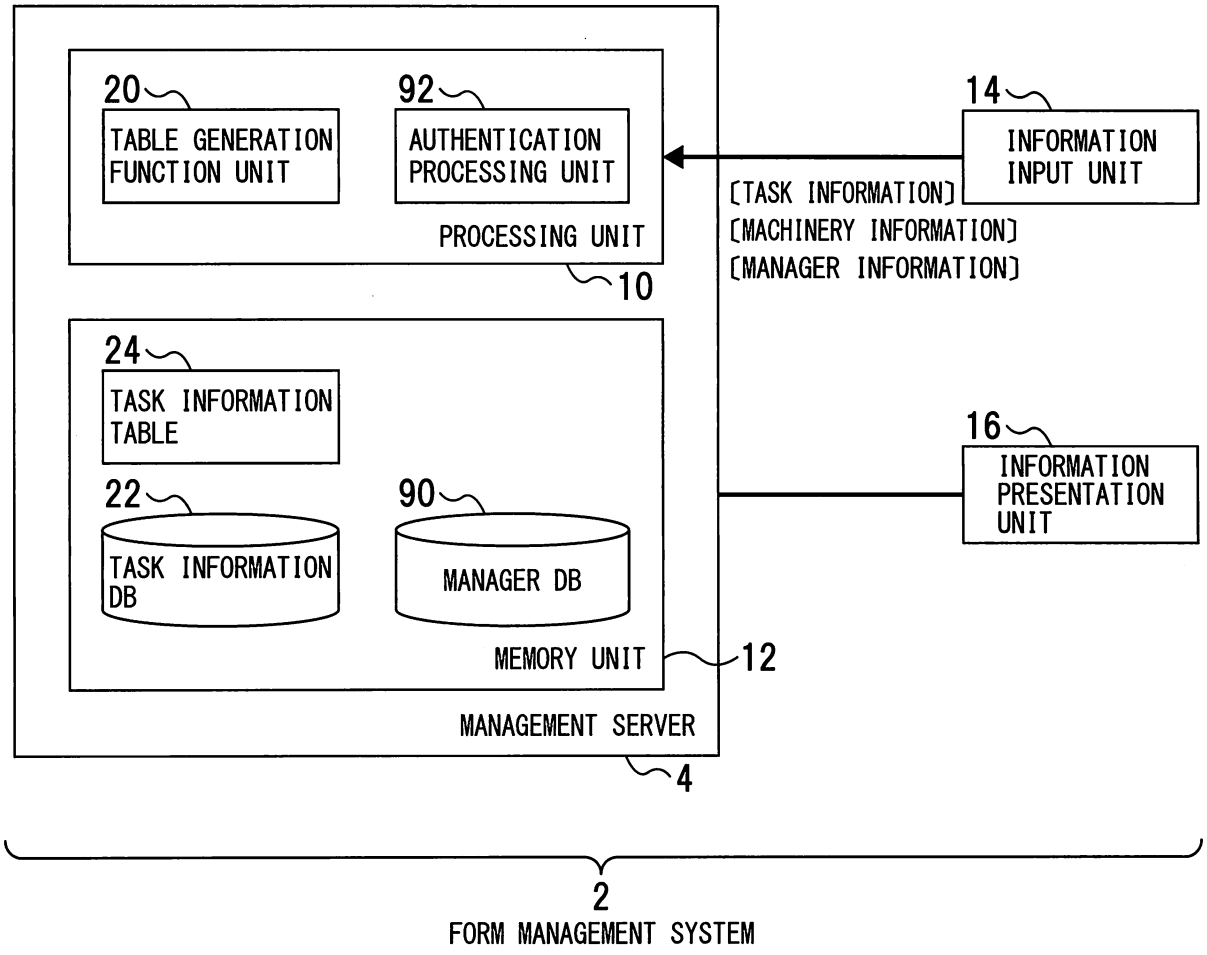
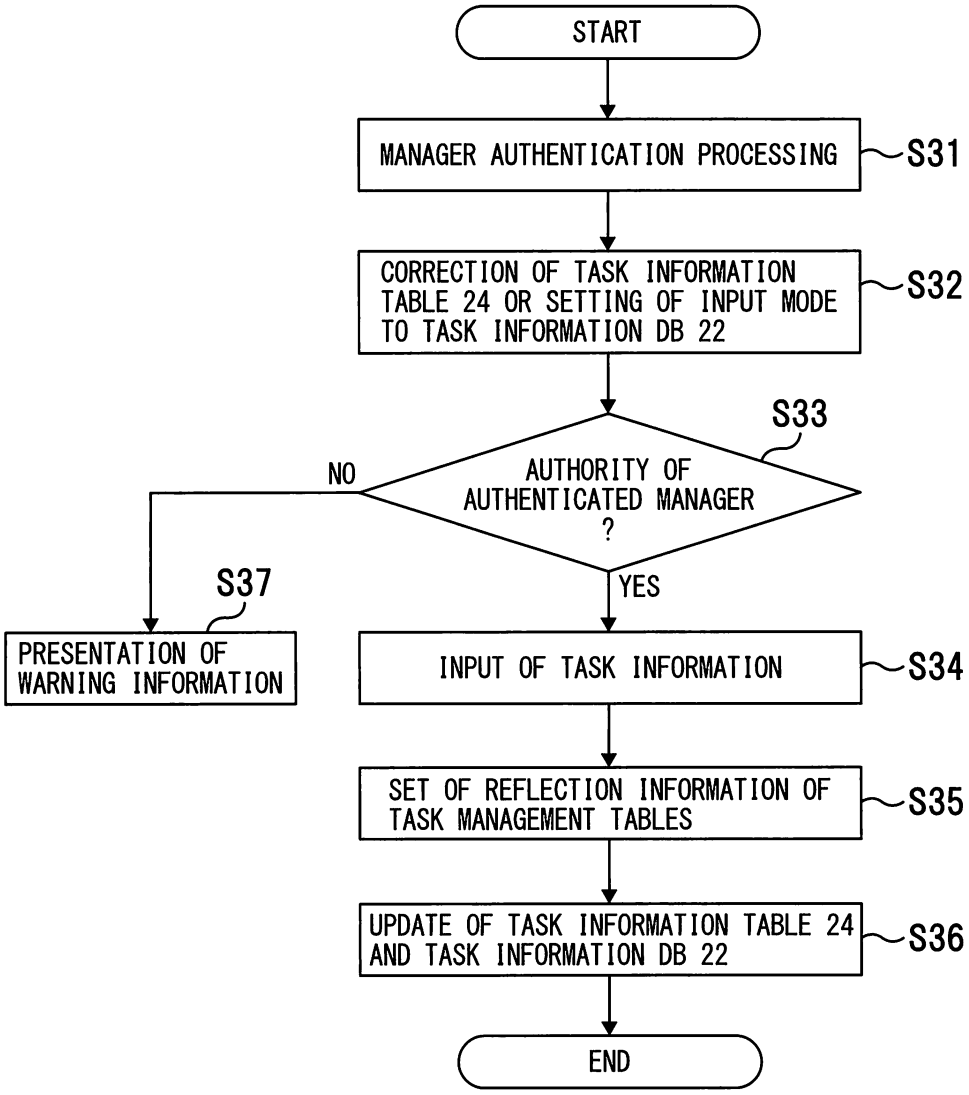

20
TABLE GENERATION FUNCTION UNIT
92
AUTHENTICATION PROCESSING UNIT
PROCESSING UNIT
10
14
INFORMATION INPUT UNIT
[TASK INFORMATION]
[MACHINERY INFORMATION]
[MANAGER INFORMATION]
24
TASK INFORMATION TABLE
22
TASK INFORMATION DB
90
MANAGER DB
MEMORY UNIT
12
16
INFORMATION PRESENTATION UNIT
MANAGEMENT SERVER
4
2
FORM MANAGEMENT SYSTEM

FIG.13


START
MANAGER AUTHENTICATION PROCESSING
S31
CORRECTION OF TASK INFORMATION TABLE 24 OR SETTING OF INPUT MODE TO TASK INFORMATION DB 22
S32
S33
AUTHORITY OF AUTHENTICATED MANAGER ?
NO
YES
S37
PRESENTATION OF WARNING INFORMATION
INPUT OF TASK INFORMATION
S34
SET OF REFLECTION INFORMATION OF TASK MANAGEMENT TABLES
S35
UPDATE OF TASK INFORMATION TABLE 24 AND TASK INFORMATION DB 22
S36
END