Fig.1

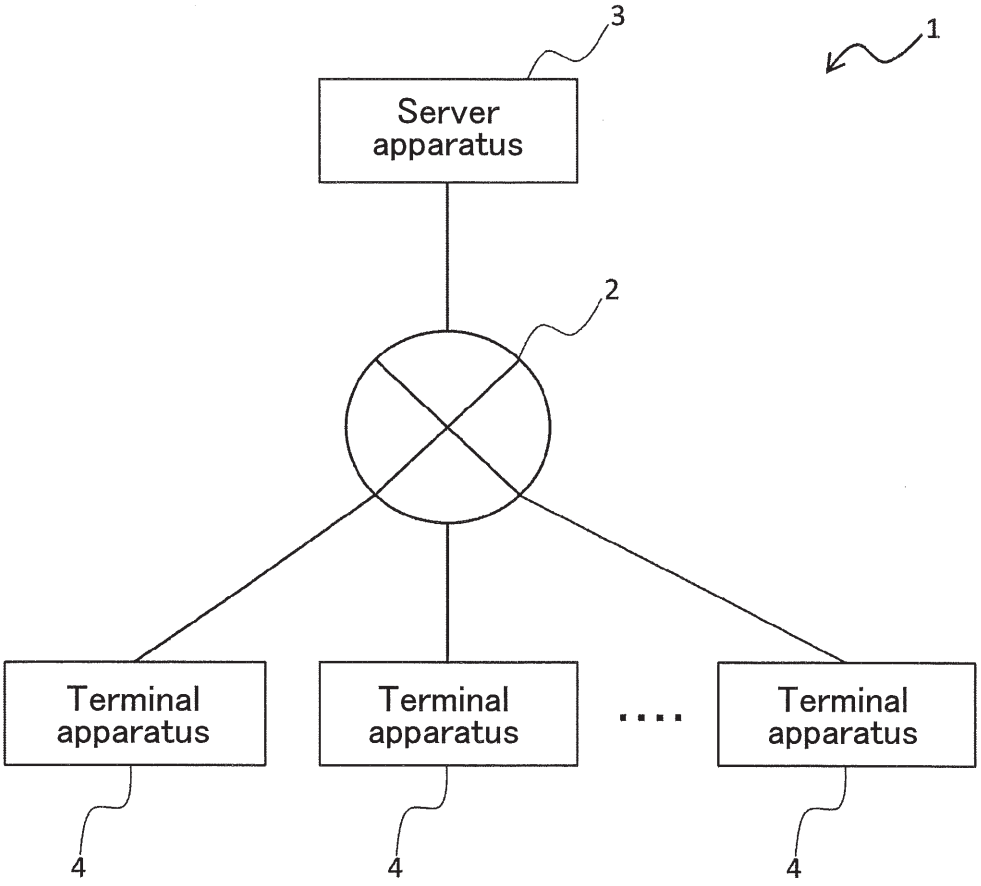

3
1
Server apparatus
2
Terminal apparatus
Terminal apparatus
....
Terminal apparatus
4
4
4

Fig.2

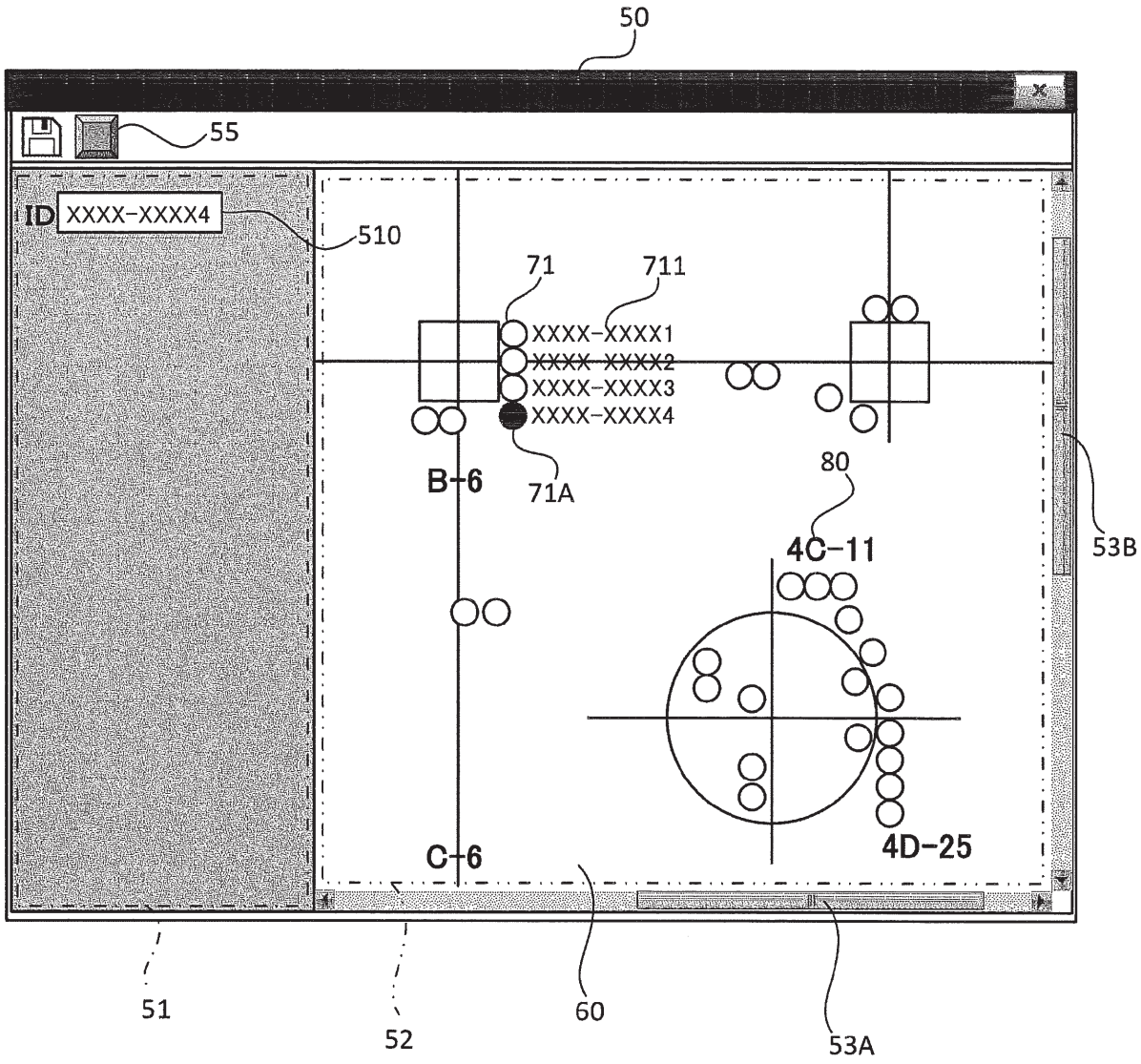

50
55
ID XXXX-XXXX4
510
71
711
XXXX-XXXX1
XXXX-XXXX2
XXXX-XXXX3
XXXX-XXXX4
B-6
71A
80
4C-11
53B
C-6
4D-25
51
52
60
53A

Fig.3

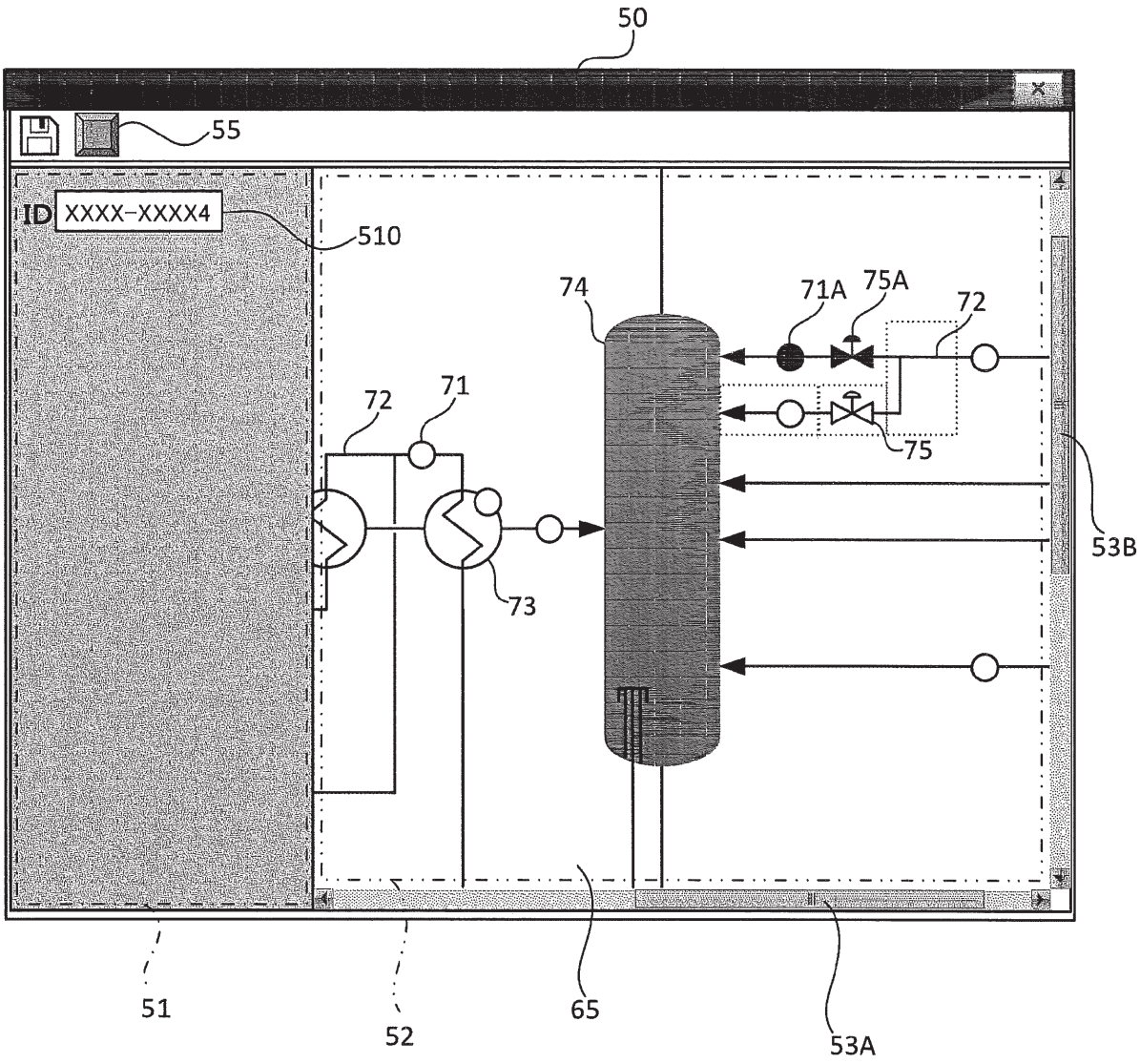


Fig.4

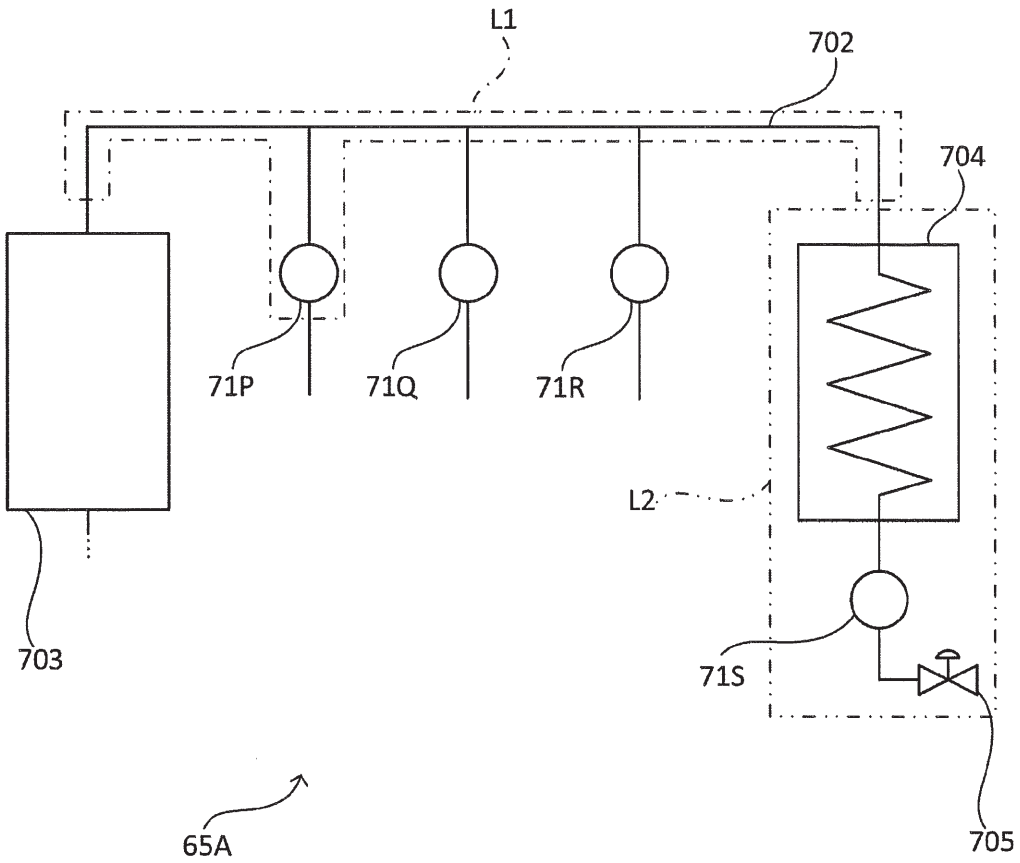


Fig.5

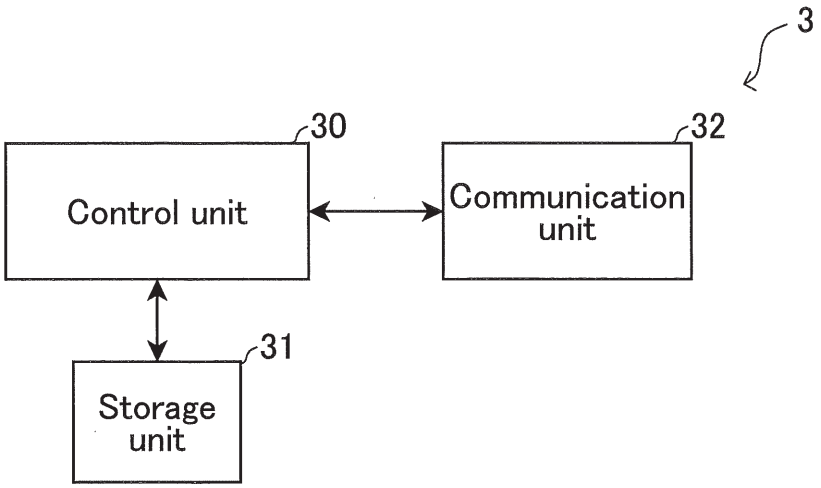


Fig.6A

System configuration device chart 90

| Identification ID | XXXX-XXXXX |
|---|---|
| Next replacement time | YY/MM/DD |
| Maintenance history | ..... |
| Examination result | ..... |
| ⋮ | ⋮ |
| Associated identification IDs | KKK-KKKK, SSS-SSSS, ... |

Fig.6B

Basic area map data 91

| Coordinates | Identification ID | Area information |
|---|---|---|
| $(X_1,Y_1)$ | XXXX-XXXX1 | B-6 |
| $(X_2,Y_2)$ | XXXX-XXXX2 | B-6 |
| ⋮ | ⋮ | ⋮ |
| $(X_m,Y_m)$ | XXXX-XXXXX | X-X |

Fig.6C

Basic process map data 92

| Coordinates | Identification ID |
|---|---|
| $(X_1,Y_1)$ | XXXX-XXXX1 |
| $(X_2,Y_2)$ | XXXX-XXXX2 |
| ⋮ | ⋮ |
| $(X_{n-1},Y_{n-1})$ | KKK-KKKK |
| $(X_n,Y_n)$ | SSS-SSSS |

Fig.7

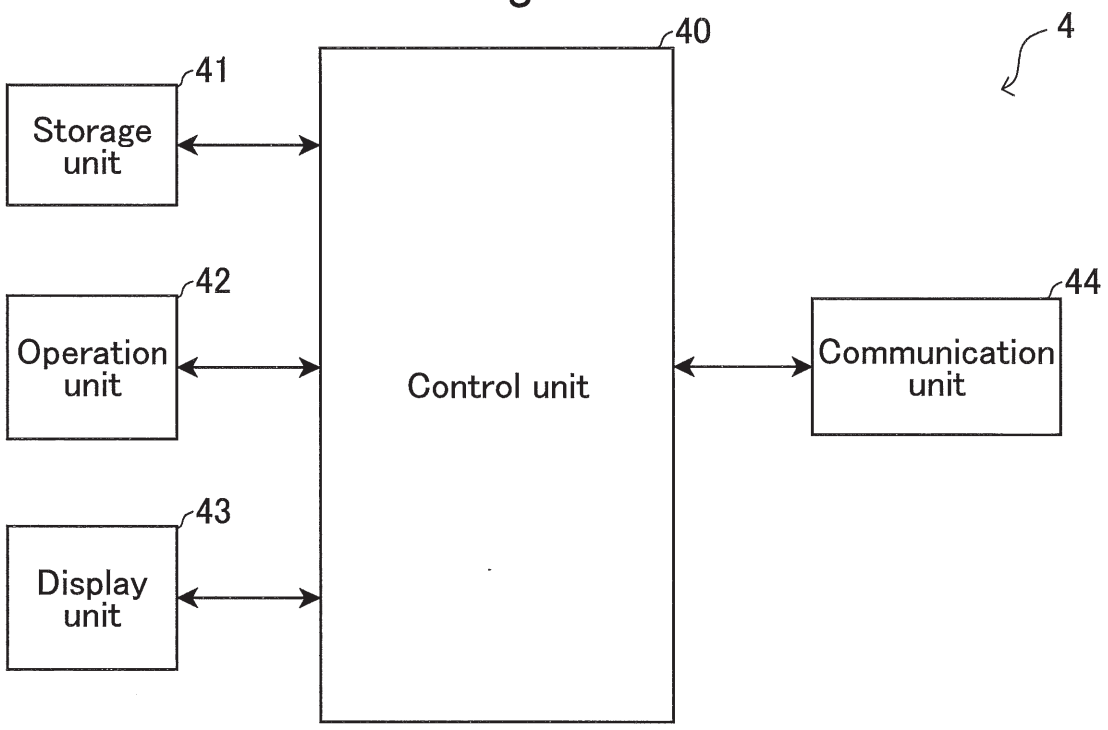

40
4
41
Storage unit
42
Operation unit
43
Display unit
Control unit
44
Communication unit

Fig.8

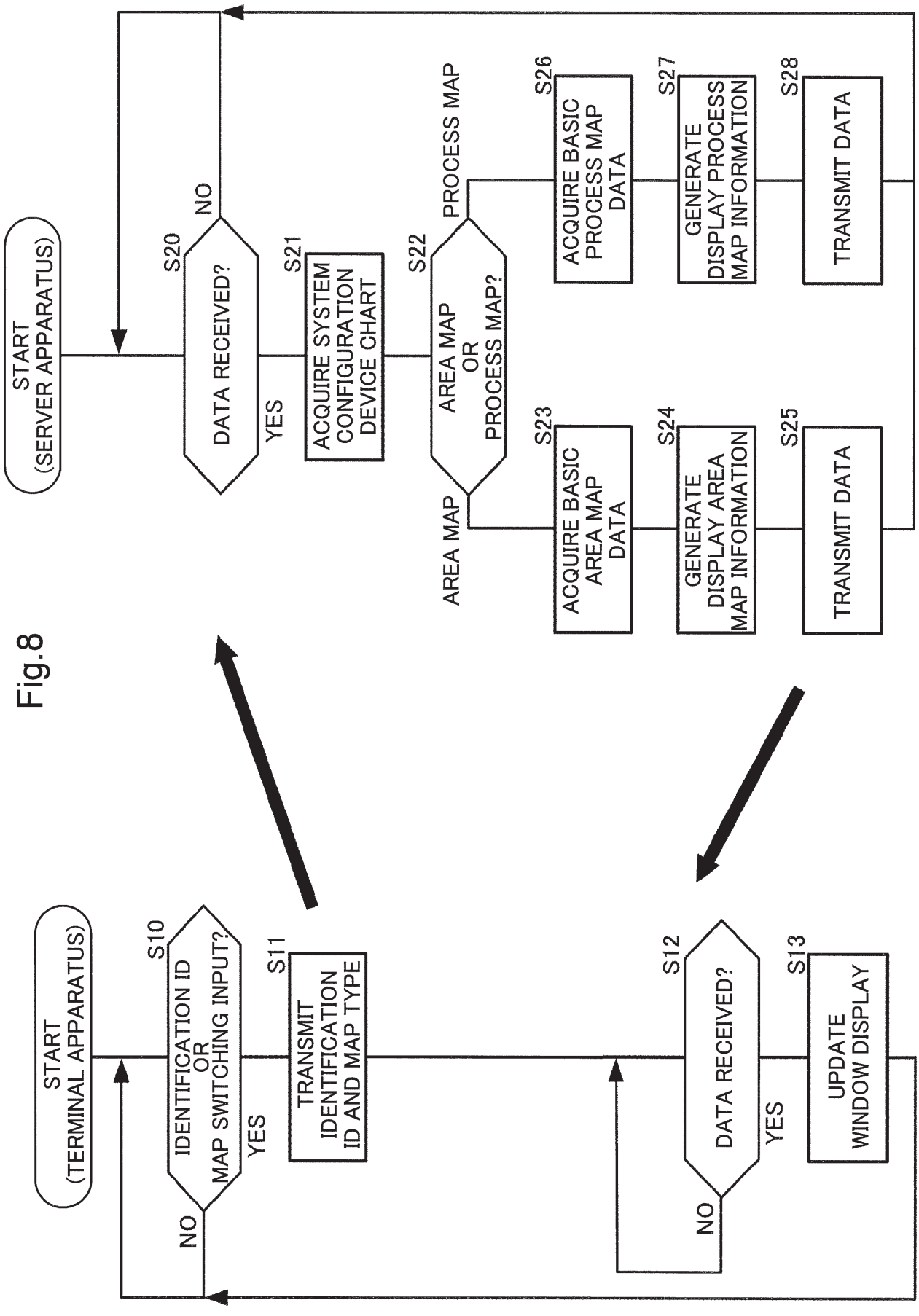

START
(TERMINAL APPARATUS)
S10
IDENTIFICATION ID
OR
MAP SWITCHING INPUT?
NO
YES
S11
TRANSMIT
IDENTIFICATION
ID AND MAP TYPE
START
(SERVER APPARATUS)
S20
DATA RECEIVED?
NO
YES
S21
ACQUIRE SYSTEM
CONFIGURATION
DEVICE CHART
S22
AREA MAP
OR
PROCESS MAP?
AREA MAP
PROCESS MAP
S23
ACQUIRE BASIC
AREA MAP
DATA
S24
GENERATE
DISPLAY AREA
MAP INFORMATION
S25
TRANSMIT DATA
S26
ACQUIRE BASIC
PROCESS MAP
DATA
S27
GENERATE
DISPLAY PROCESS
MAP INFORMATION
S28
TRANSMIT DATA
S12
DATA RECEIVED?
NO
YES
S13
UPDATE
WINDOW DISPLAY

Fig.9

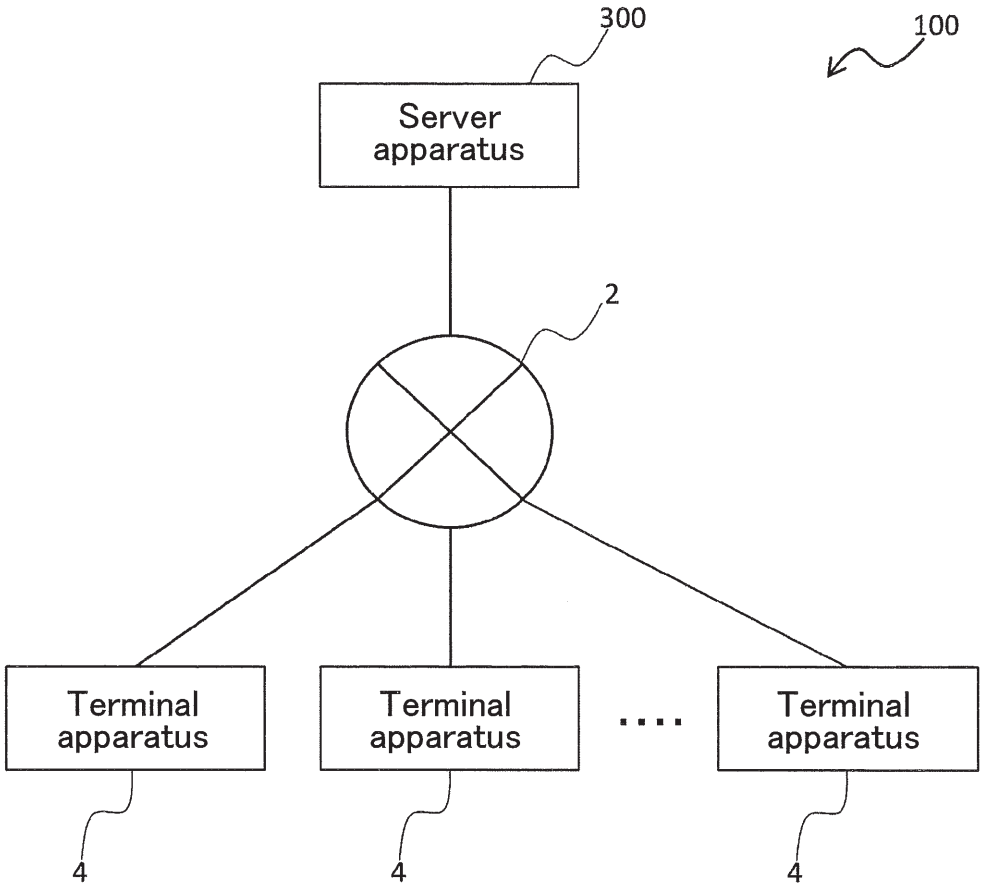

300
100
Server apparatus
2
Terminal apparatus
Terminal apparatus
....
Terminal apparatus
4
4
4

Fig.10

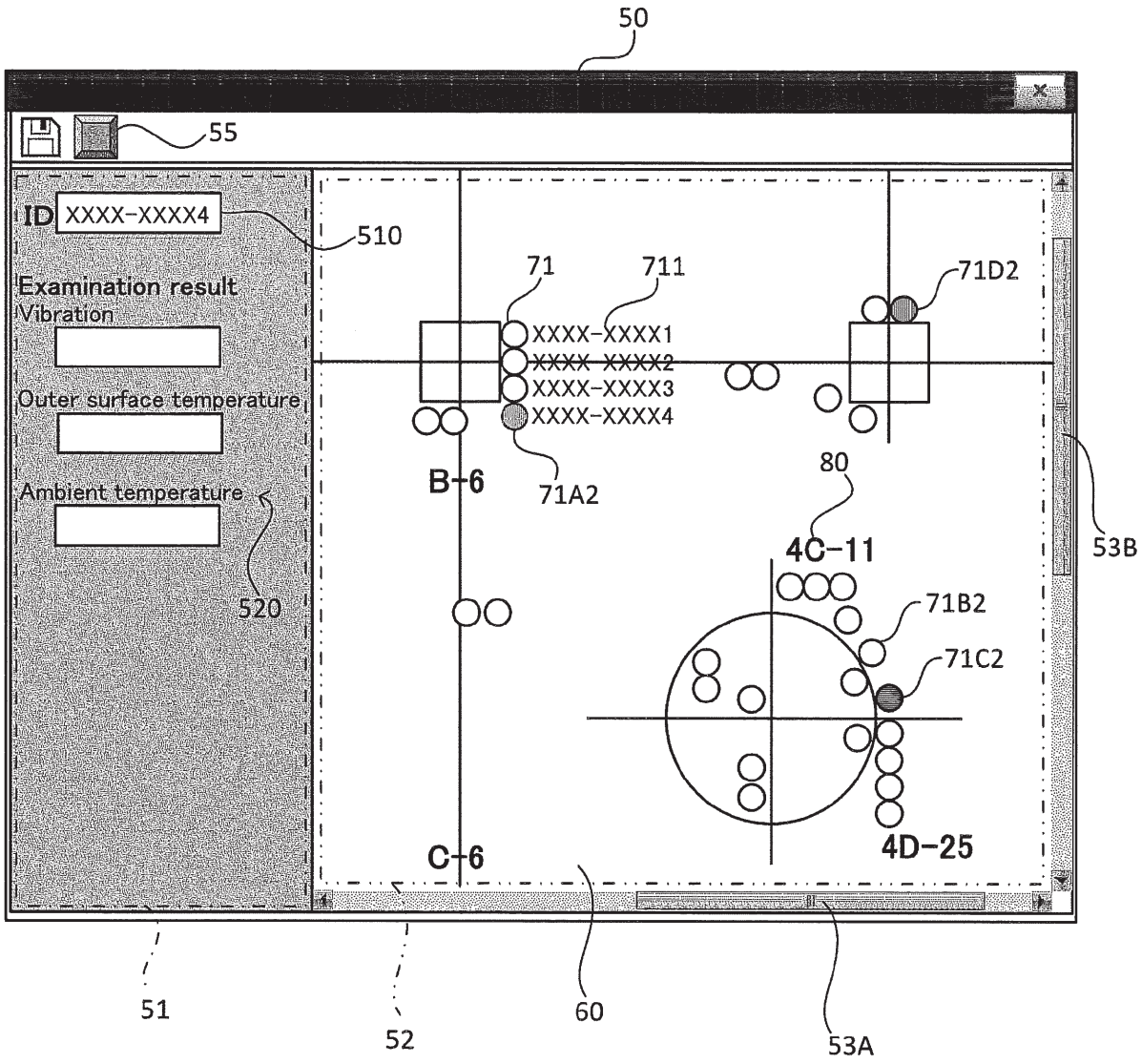

50
55
ID XXXX-XXXX4
510
Examination result
Vibration
Outer surface temperature
Ambient temperature
520
71
711
71D2
XXXX-XXXX1
XXXX-XXXX2
XXXX-XXXX3
XXXX-XXXX4
B-6
71A2
80
4C-11
53B
71B2
71C2
C-6
4D-25
51
52
60
53A

Fig.11

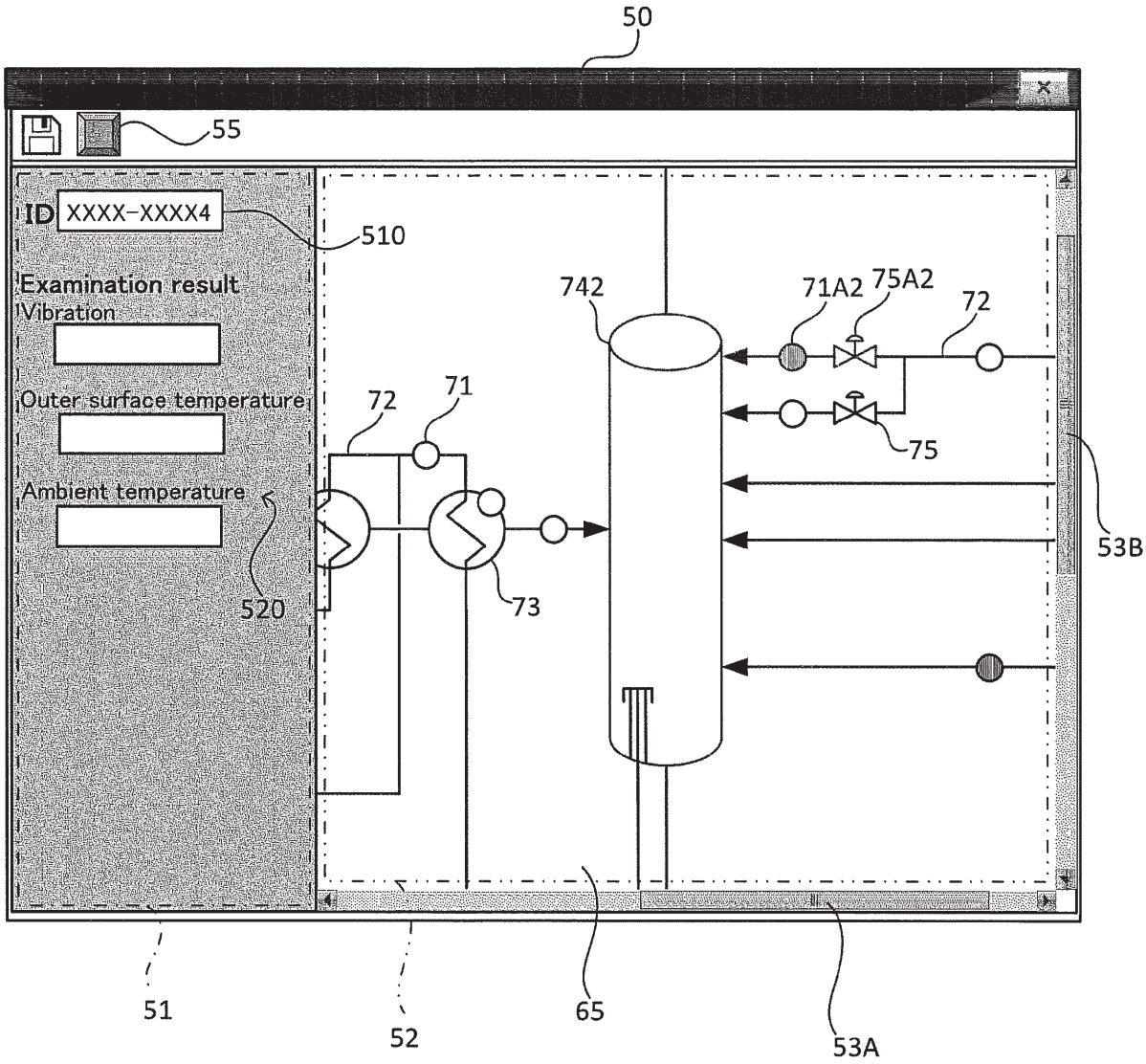

50
55
ID
XXXX-XXXX4
510
Examination result
Vibration
Outer surface temperature
Ambient temperature
520
742
71A2
75A2
72
72
71
75
73
53B
51
52
65
53A

Fig.12

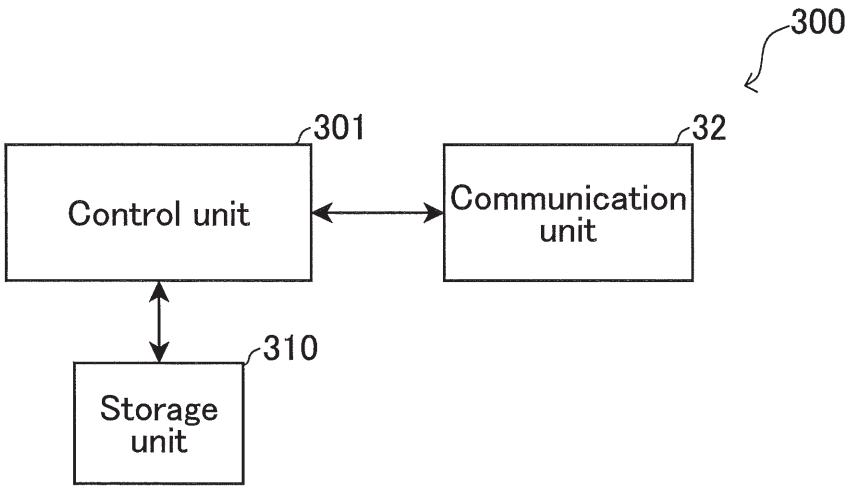

300
301
32
Control unit
Communication unit
310
Storage unit

Fig.13

System configuration device chart 900

| Identification ID | XXXX-XXXXX |
|---|---|
| Next replacement time | YY/MM/DD |
| Maintenance history | ..... |
| Examination result | ..... |
| Operation state | Normal |
| ⋮ | ⋮ |
| Associated identification IDs | KKK-KKKK, SSS-SSSS, ... |

Fig.14

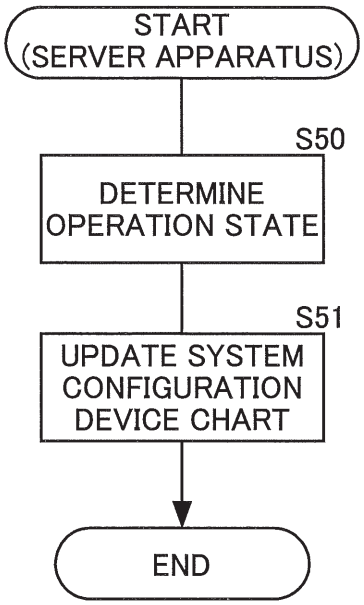
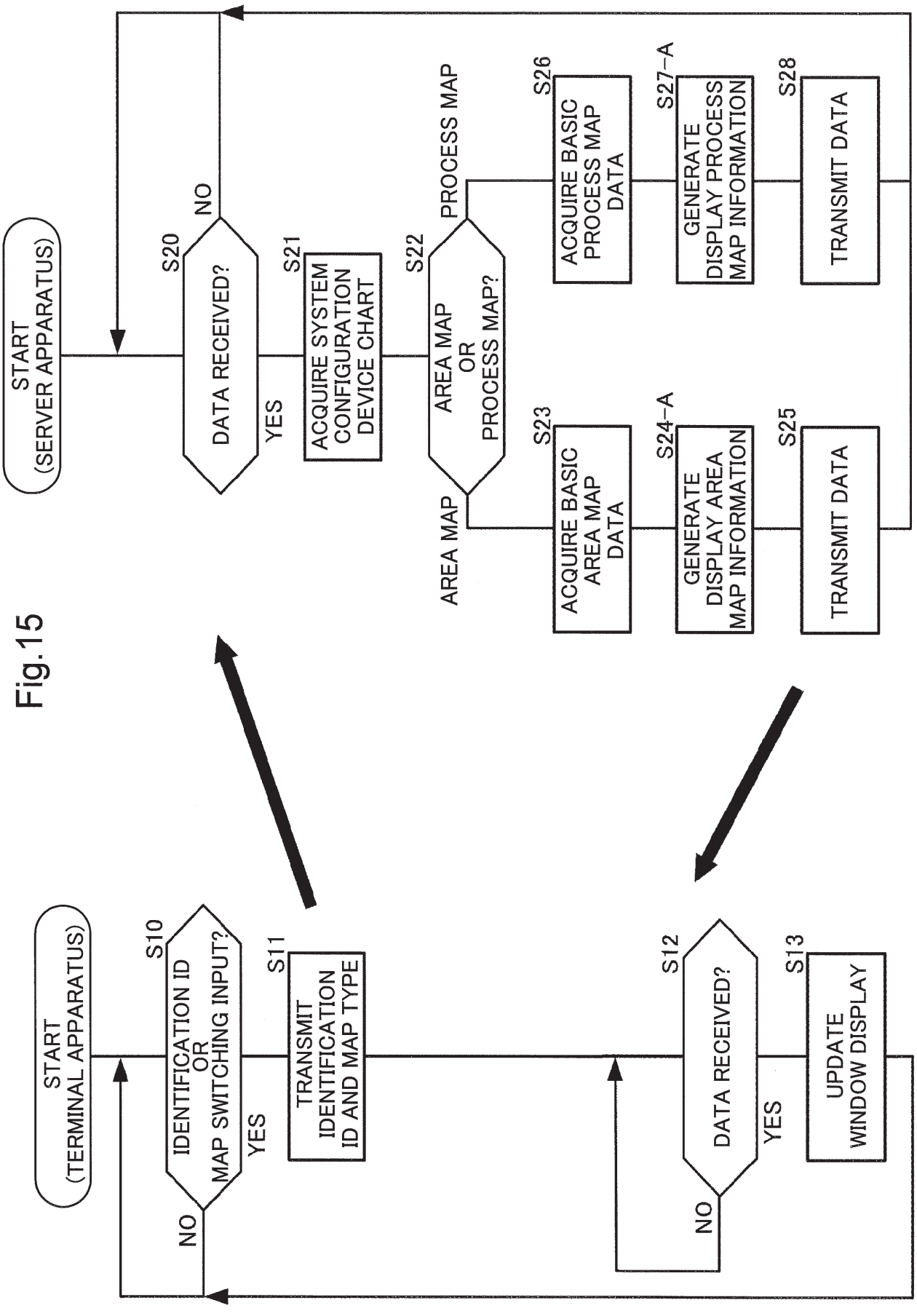

START
(SERVER APPARATUS)
S50
DETERMINE
OPERATION STATE
S51
UPDATE SYSTEM
CONFIGURATION
DEVICE CHART
END

Fig.15


START
(TERMINAL APPARATUS)
S10
IDENTIFICATION ID
OR
MAP SWITCHING INPUT?
NO
YES
S11
TRANSMIT
IDENTIFICATION
ID AND MAP TYPE
START
(SERVER APPARATUS)
S20
DATA RECEIVED?
NO
YES
S21
ACQUIRE SYSTEM
CONFIGURATION
DEVICE CHART
S22
AREA MAP
OR
PROCESS MAP?
AREA MAP
PROCESS MAP
S23
ACQUIRE BASIC
AREA MAP
DATA
S24-A
GENERATE
DISPLAY AREA
MAP INFORMATION
S25
TRANSMIT DATA
S26
ACQUIRE BASIC
PROCESS MAP
DATA
S27-A
GENERATE
DISPLAY PROCESS
MAP INFORMATION
S28
TRANSMIT DATA
S12
DATA RECEIVED?
NO
YES
S13
UPDATE
WINDOW DISPLAY