

Fig.1

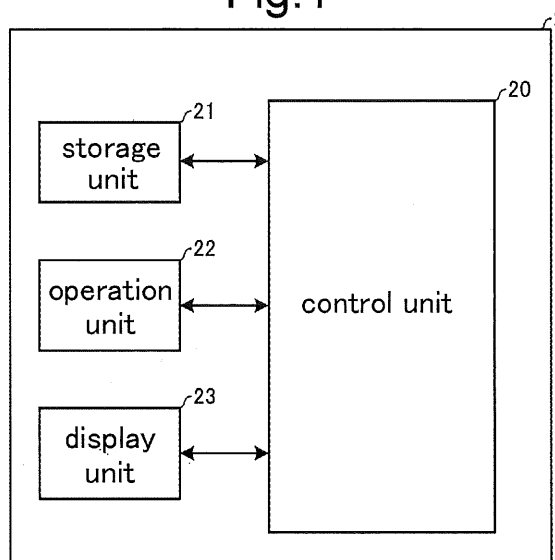


Fig.2A

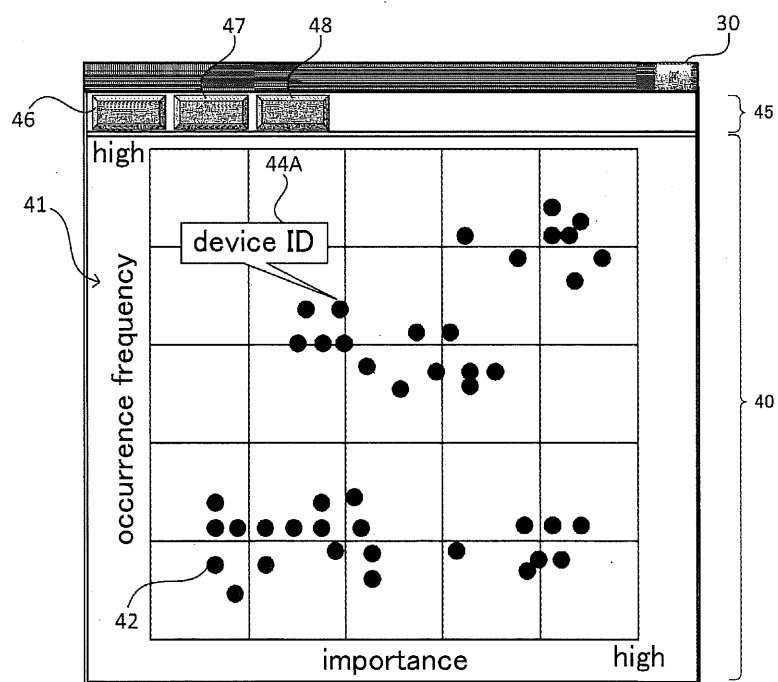


Fig.2B

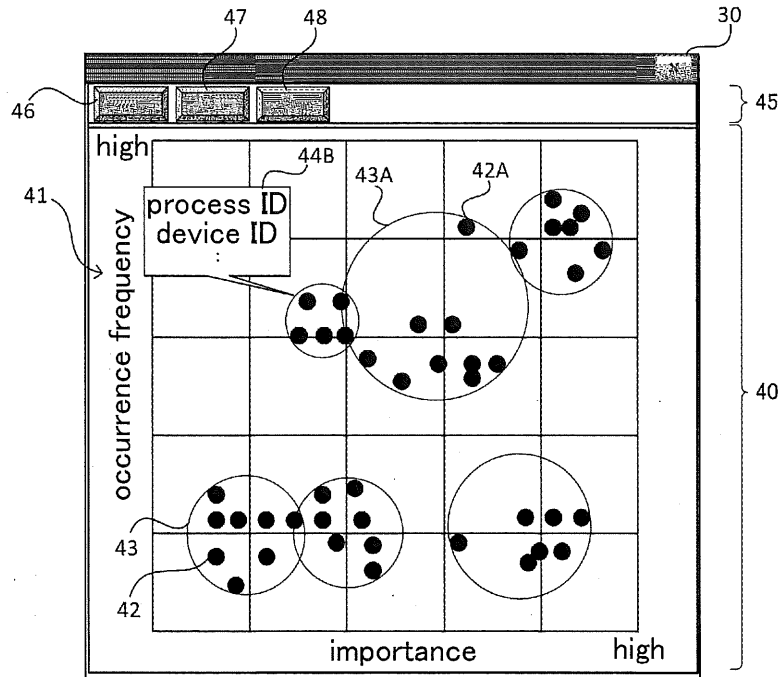


Fig.3

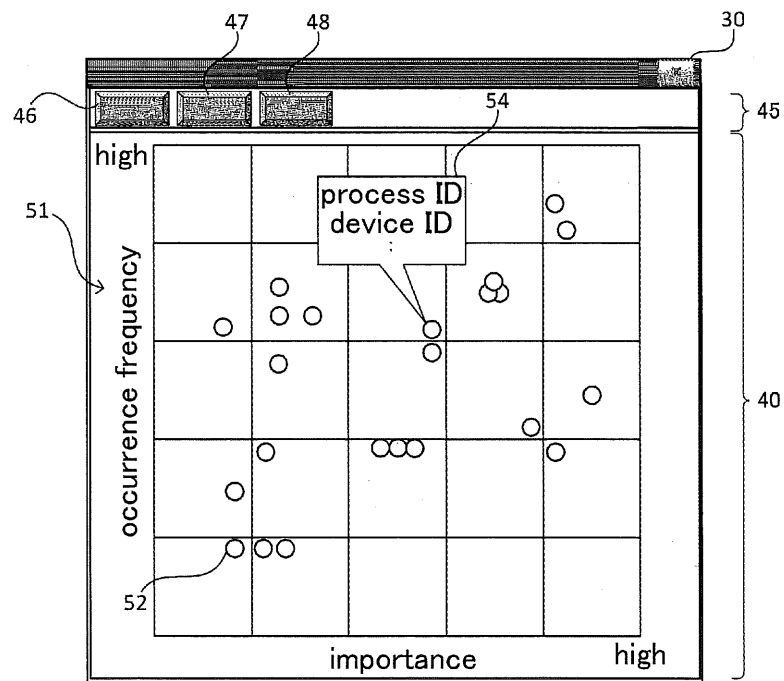


Fig.4

Diagram of a user interface for data entry. The interface includes a header bar (60) and a main form area (70). Within the form area, there is an ID input field (71) containing the text "XXXX-XXXX1" and an "enter" button (72). Below the ID field, there are two sections: "importance" and "occurrence frequency". Each section contains a "present state" input field and a list of options indicated by vertical dots. The "importance" section is labeled 75A and the "occurrence frequency" section is labeled 75B. A bracket (75) groups these two sections.

Fig.5A

importance table 80

evaluation information ID	text data
T1	loss amount of product
T2	pressure factor
T3	risk of catching fire • explosion
T4	toxicity
T5	influence on production process
T6	position of system
T7	time required for restoration
T8	influence of human • environment
T9	maintenance management system

Fig.5B

occurrence frequency table

evaluation information ID	text data
S1	present state (deterioration situation)
S2	risk of period trouble occurrence
S3	effectiveness of inspection
S4	frequency of shutdown
S5	safety of operation
S6	severity of operation
S7	repair history

Fig.5C

option table (S1)

evaluation information ID	text data	numerical value data
S1	large	XX
	medium	YY
	small	ZZ

Fig.6A

device risk evaluation table

device ID	importance (horizontal axis coordinate)	occurrence frequency (vertical axis coordinate)	process ID
XXXX-XXXX1	...	...	YYYY-YYY3
XXXX-XXXX2	...	...	YYYY-YYY3
XXXX-XXXX3	...	...	YYYY-YYY3
⋮	⋮	⋮	⋮
XXXX-XXXXX	...	...	YYYY-YY55

Fig.6B

process risk evaluation table 91

device ID	importance (horizontal axis coordinate)	occurrence frequency (vertical axis coordinate)
YYYY-YYY1	...	...
YYYY-YYY2	...	...
YYYY-YYY3	...	...
⋮	⋮	⋮
YYYY-YYY4	...	...

Fig.7

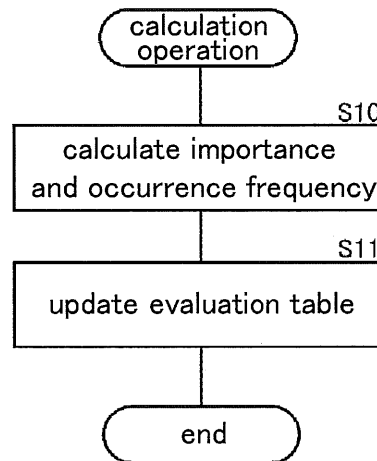


Fig.8

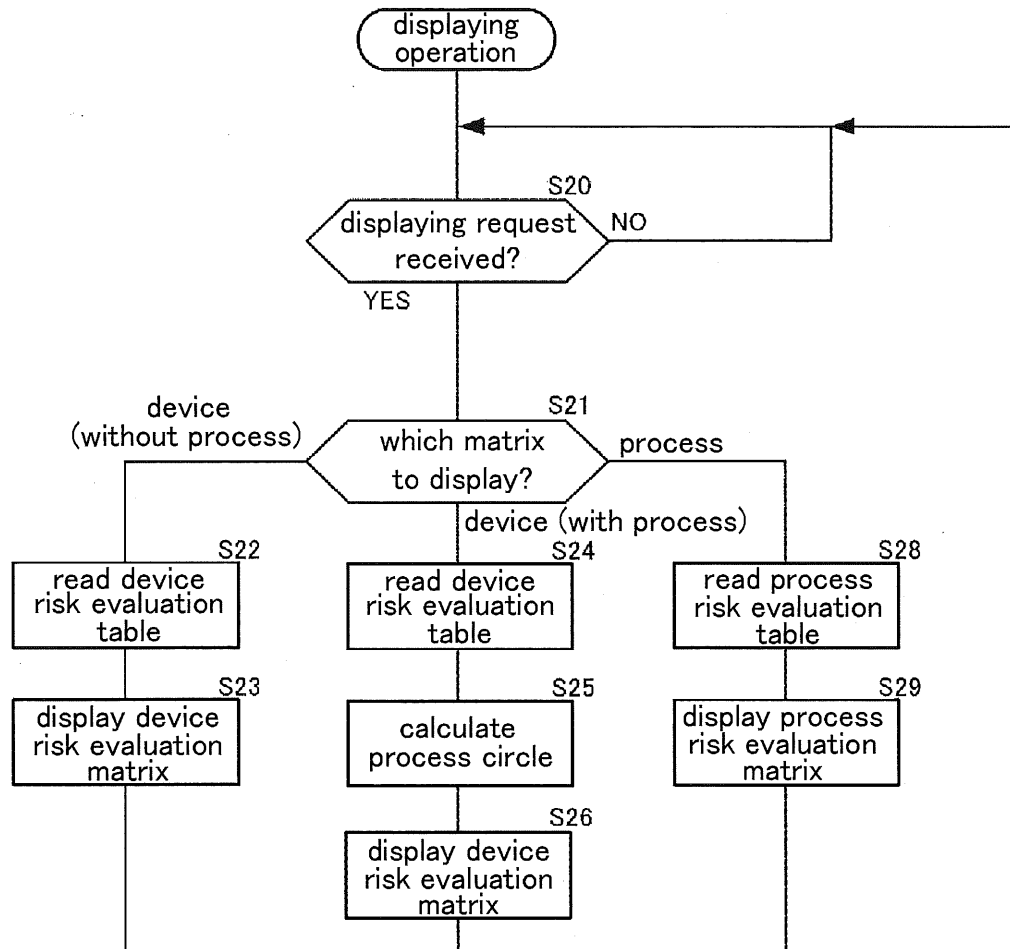


Fig.9

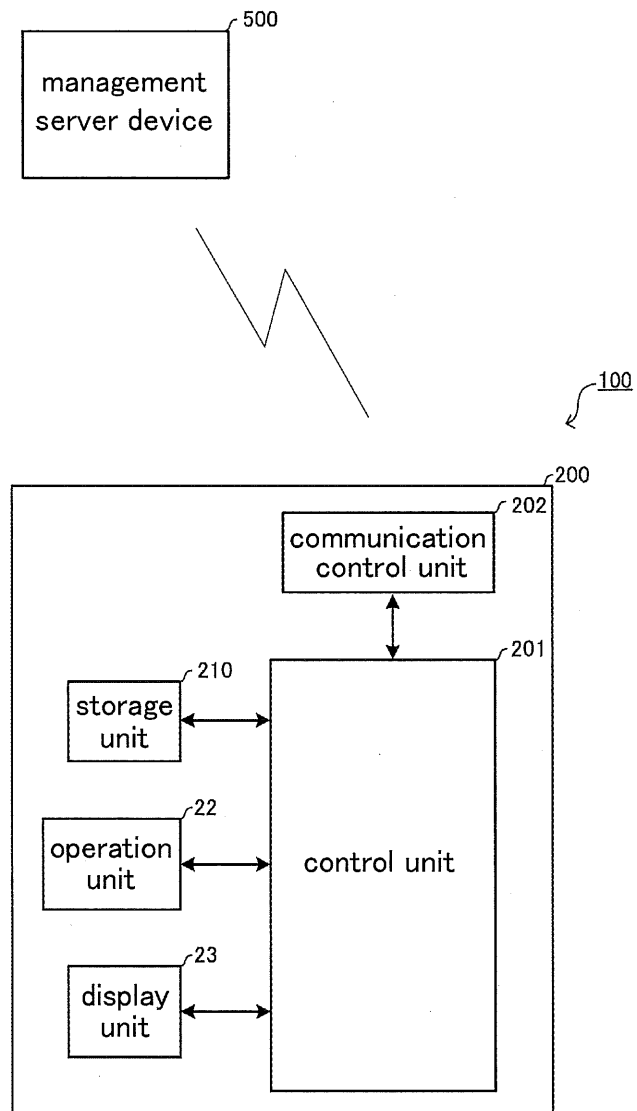


Fig.10A

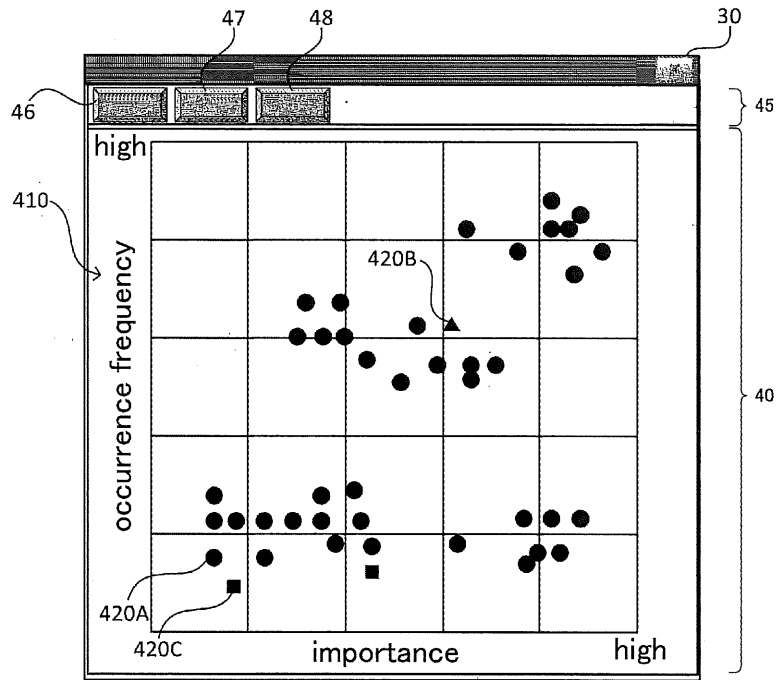


Fig.10B

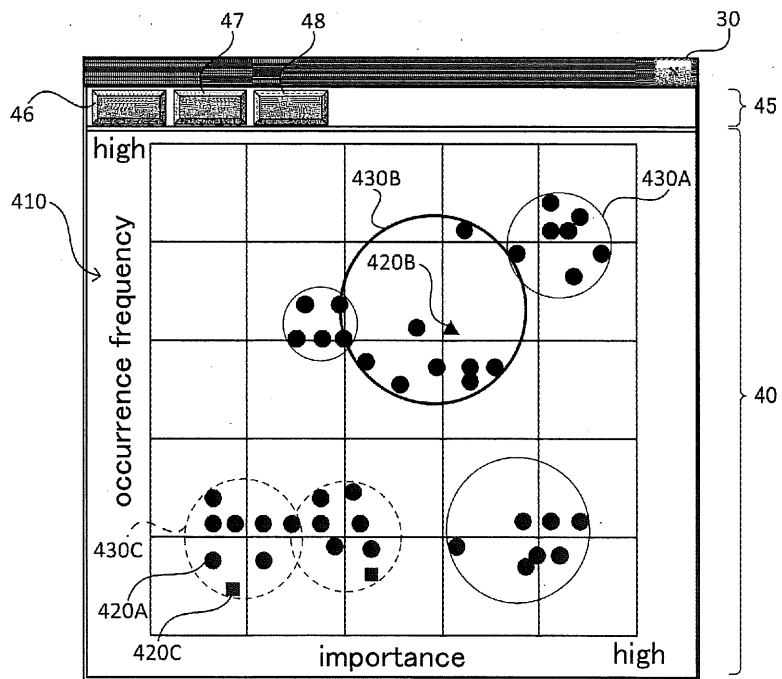


Fig.11

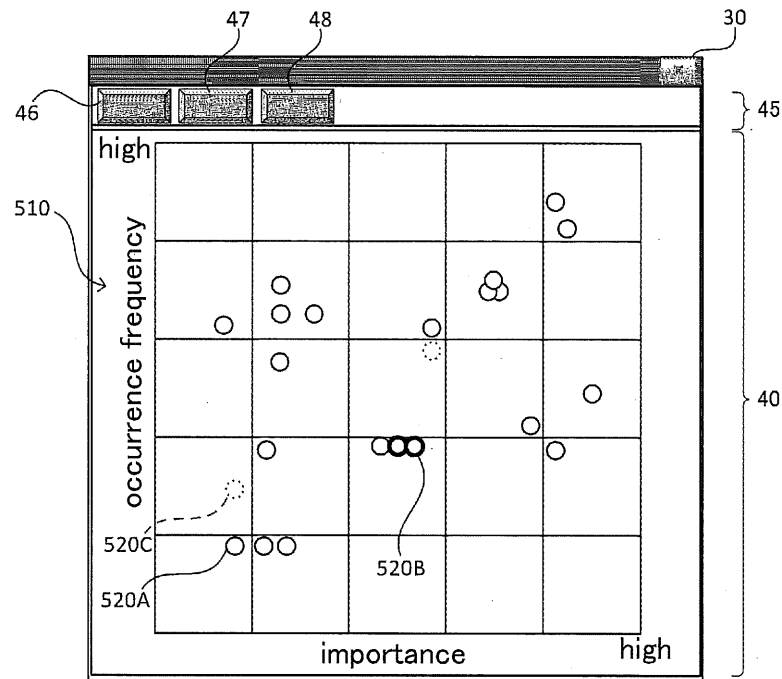


Fig.12

device risk evaluation table

device ID	importance (horizontal axis coordinate)	occurrence frequency (vertical axis coordinate)	operational state	process ID
XXXX-XXXX1	...	...	normal	YYYY-YYY3
XXXX-XXXX2	...	...	normal	YYYY-YYY3
XXXX-XXXX3	...	...	paused	YYYY-YYY3
⋮	⋮	⋮	⋮	⋮
XXXX-XXXXX	...	...	abnormal	YYYY-YY55

Fig.13

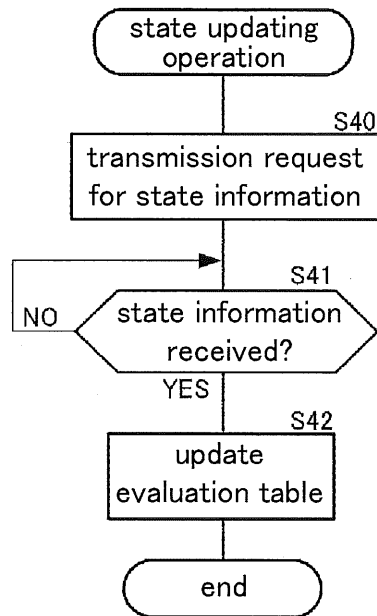


Fig.14

