

FIG. 1

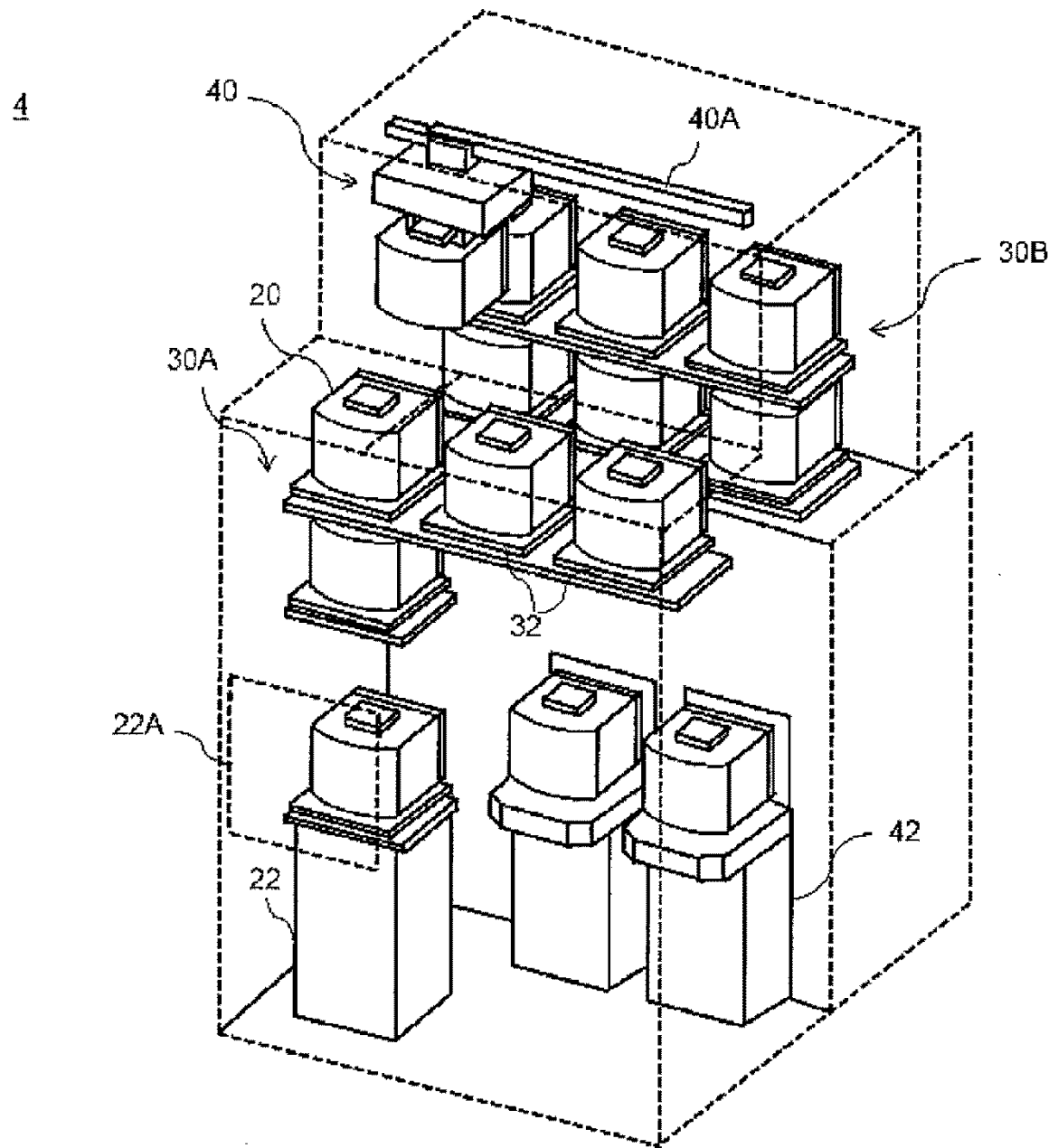


FIG. 2

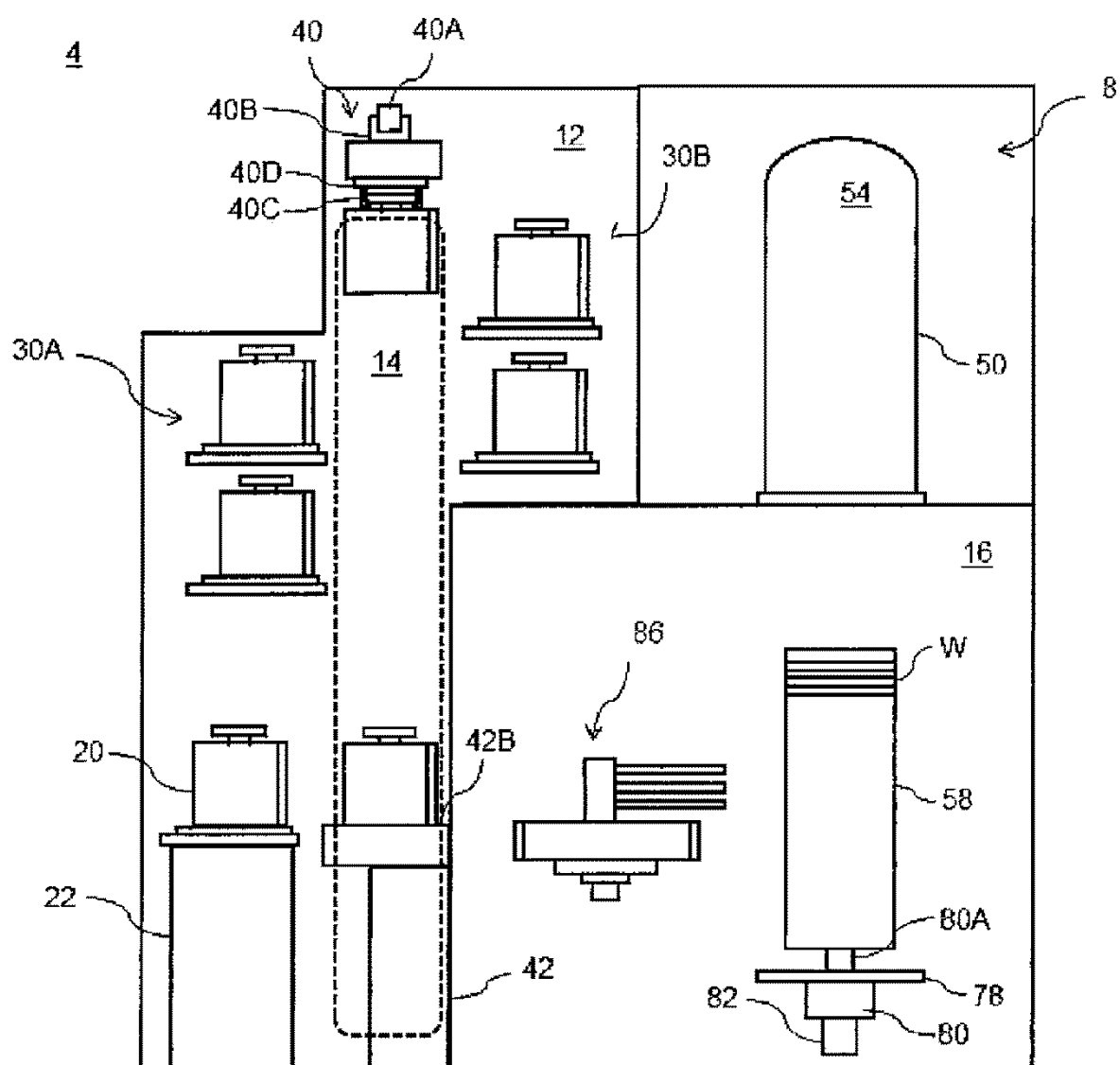


FIG. 3

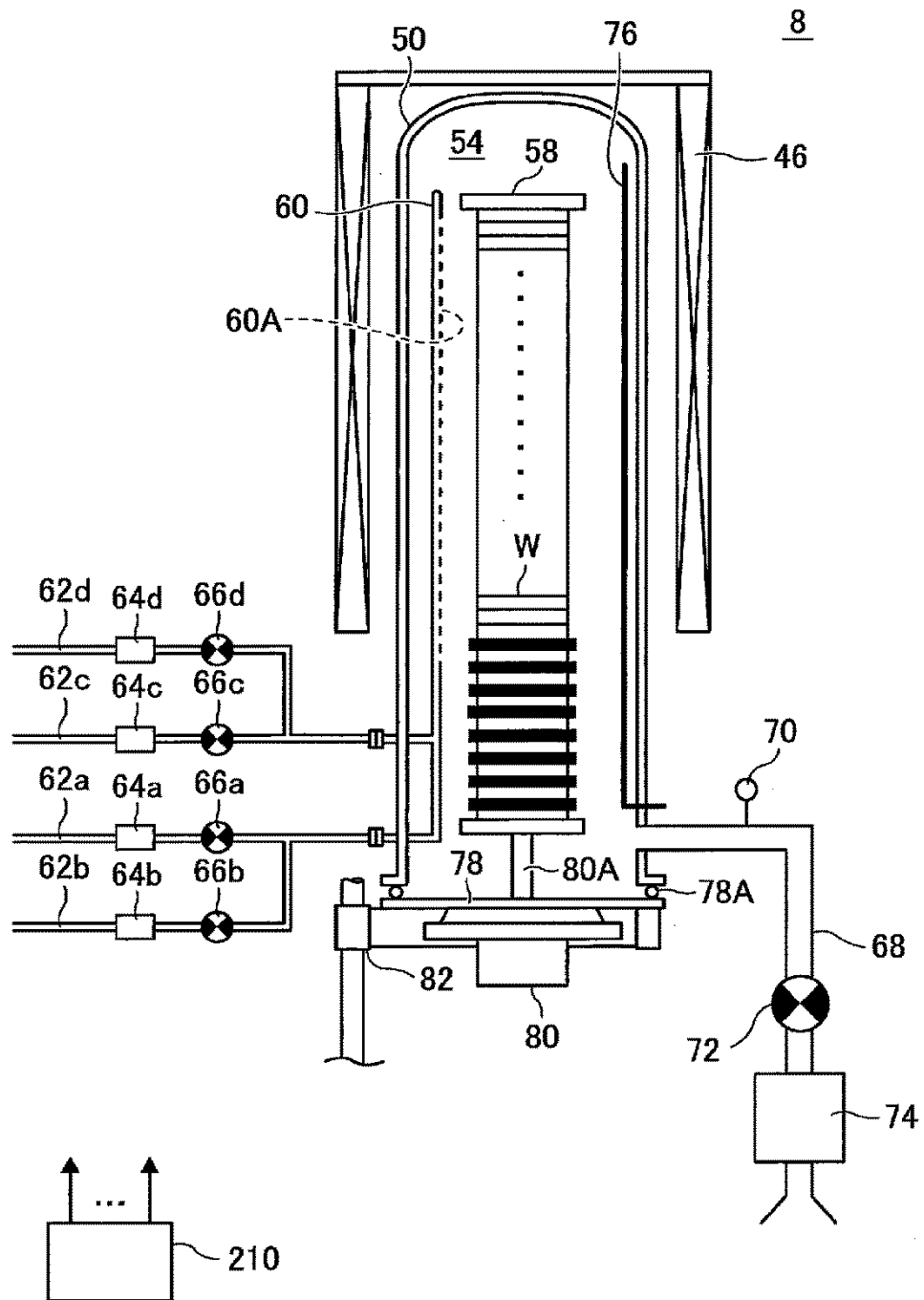


FIG. 4

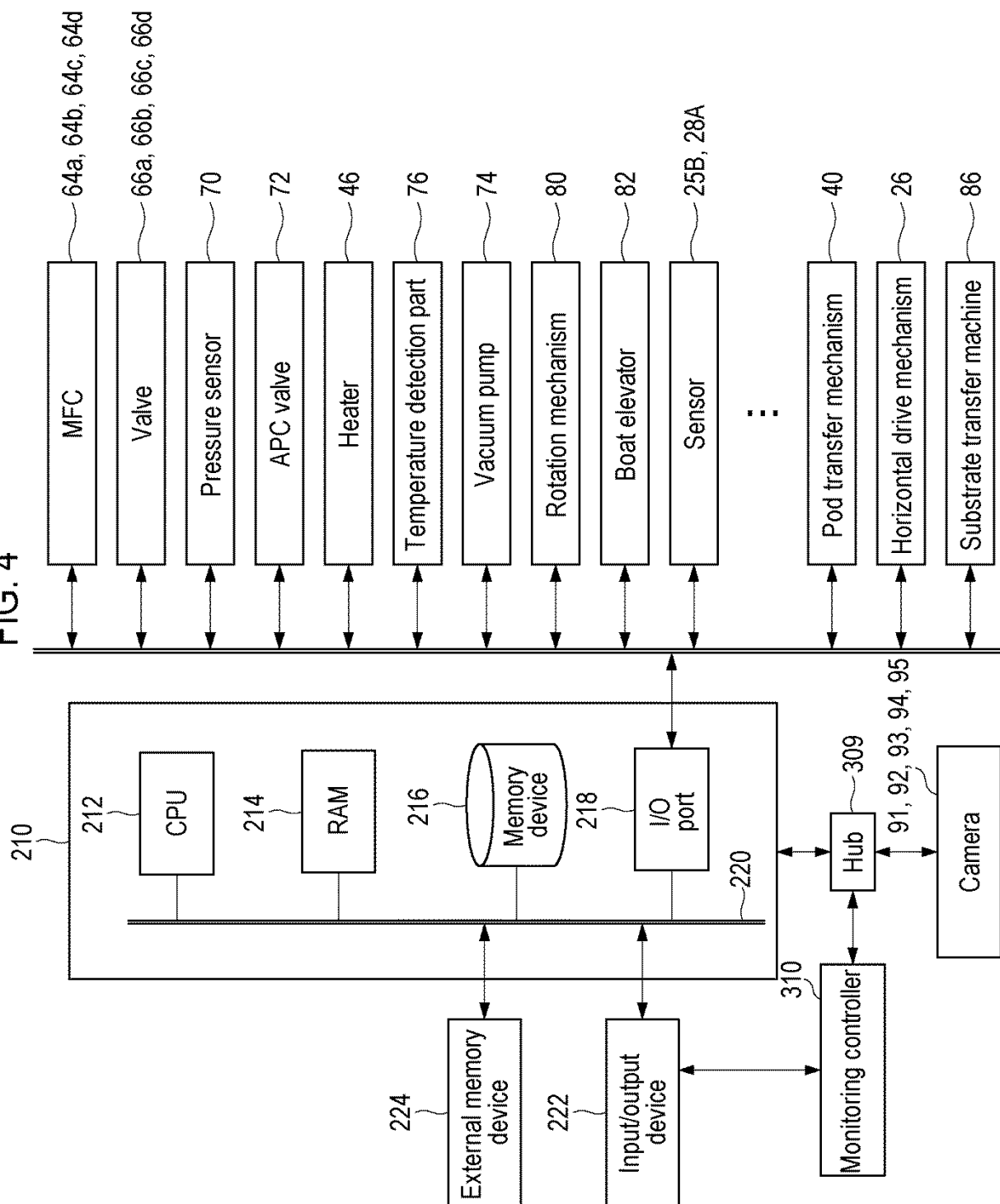


FIG. 5

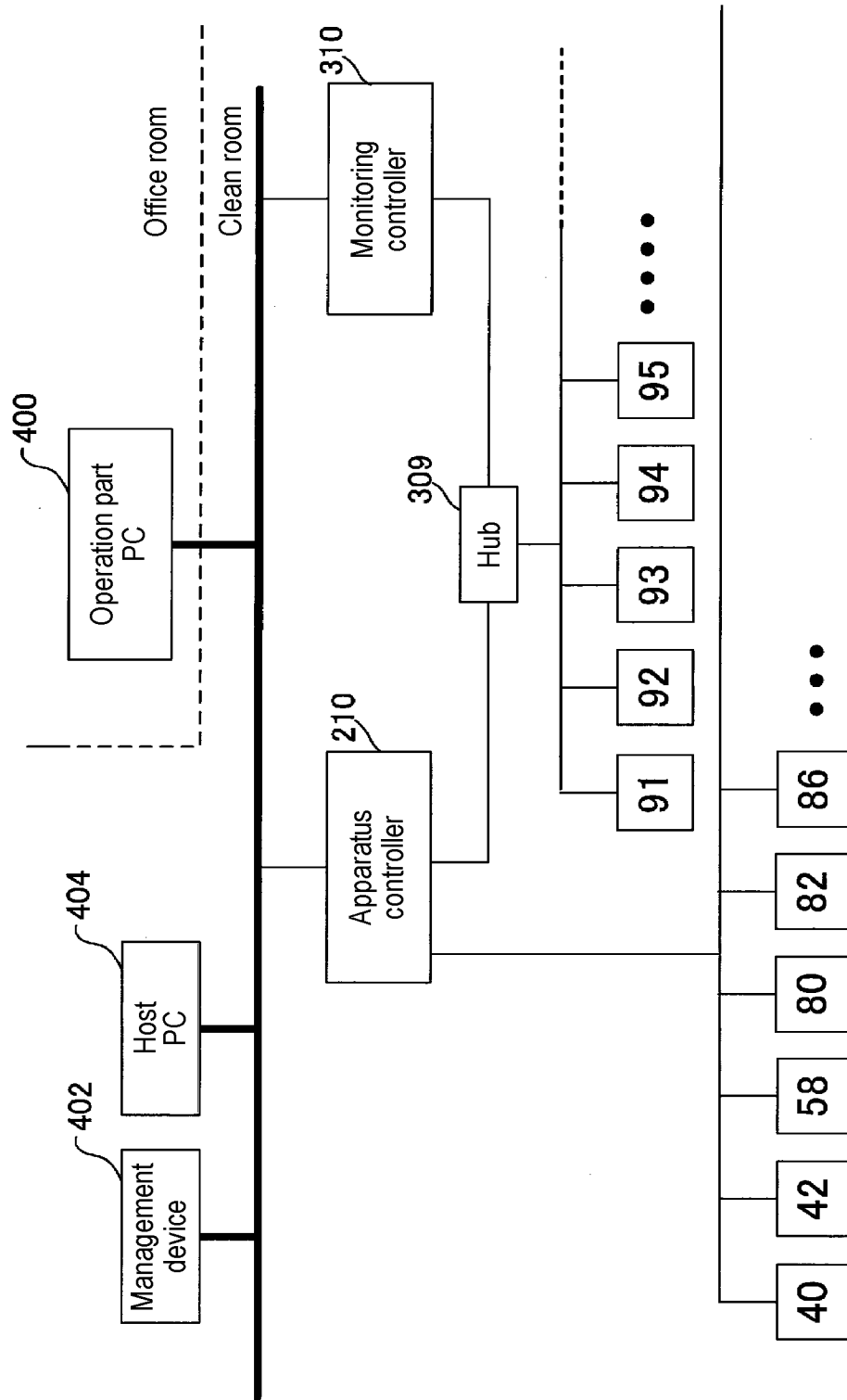


FIG. 6

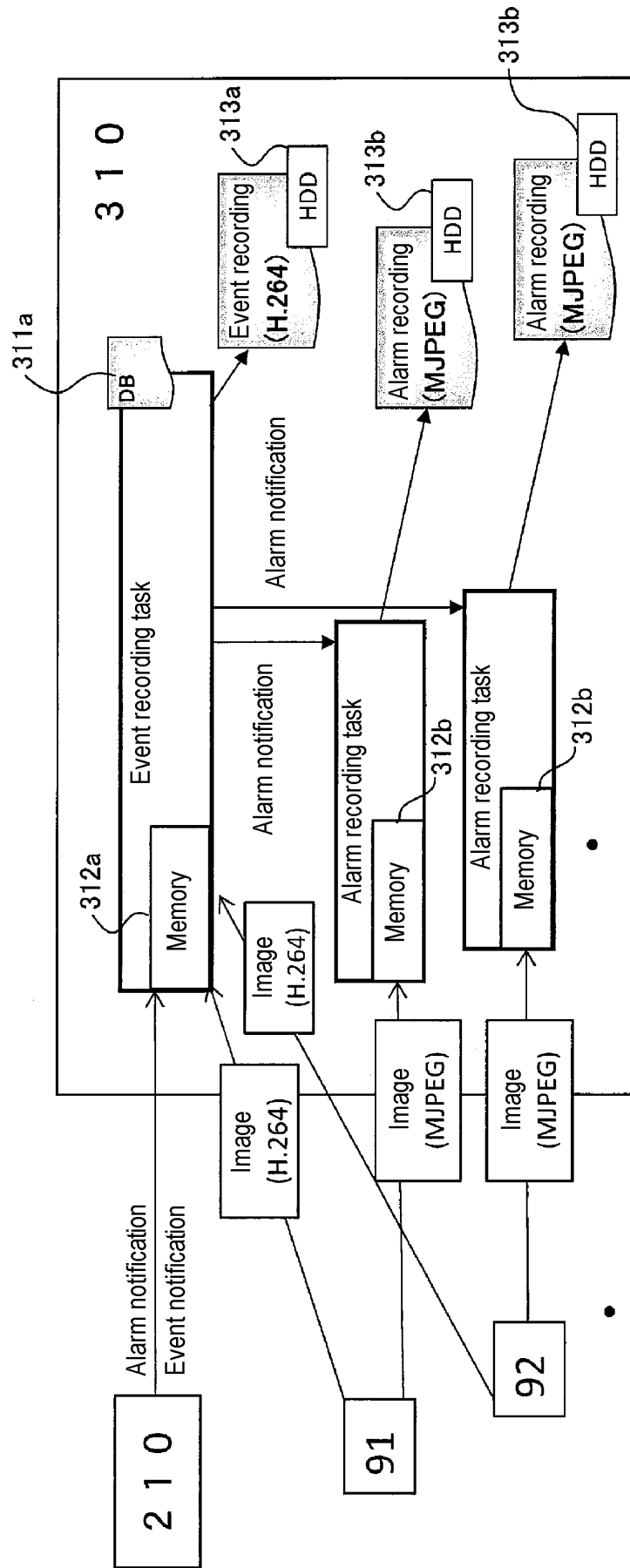
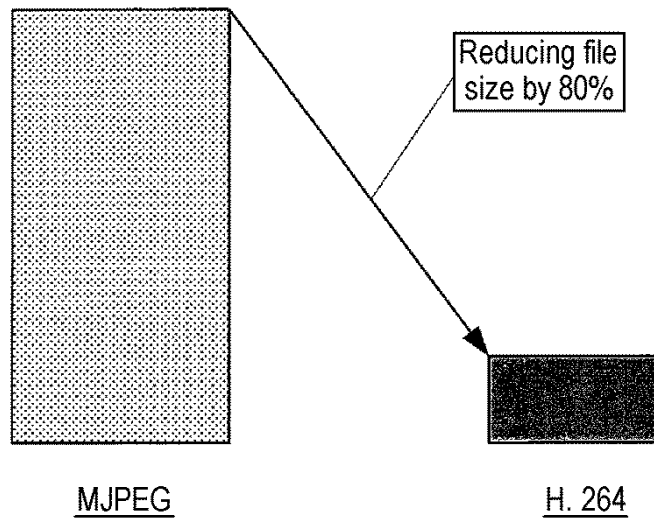


FIG. 7



Motion image compression image

FIG. 8

MJPEG format

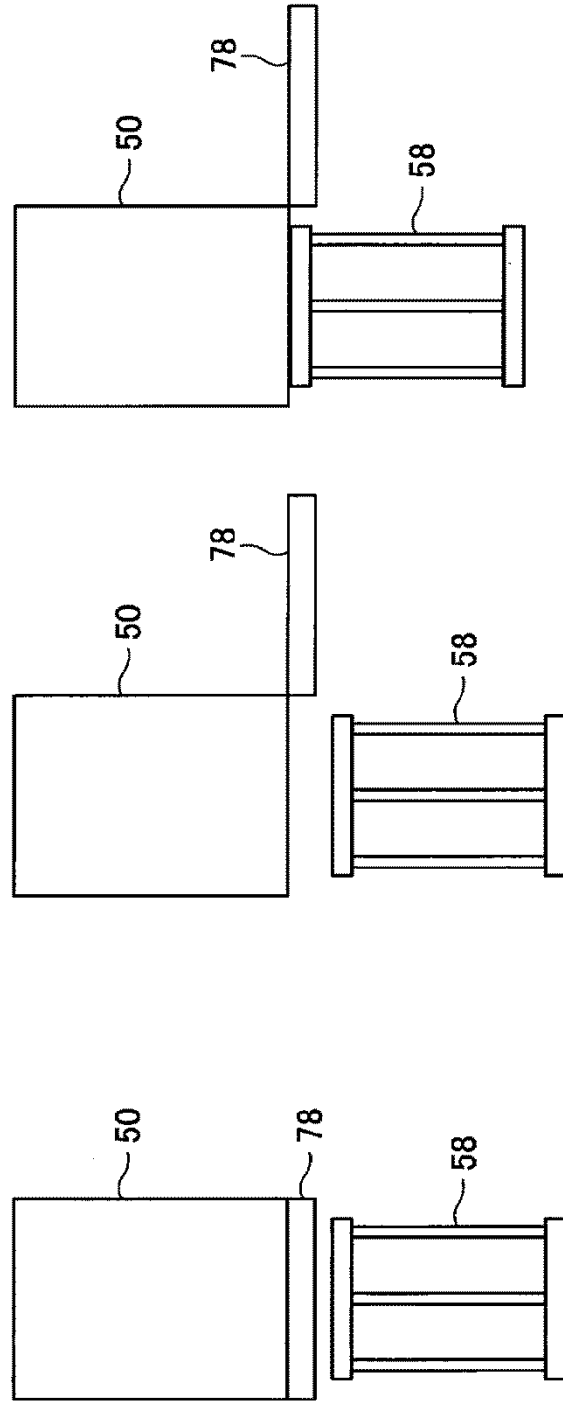


FIG. 9

H.264 format

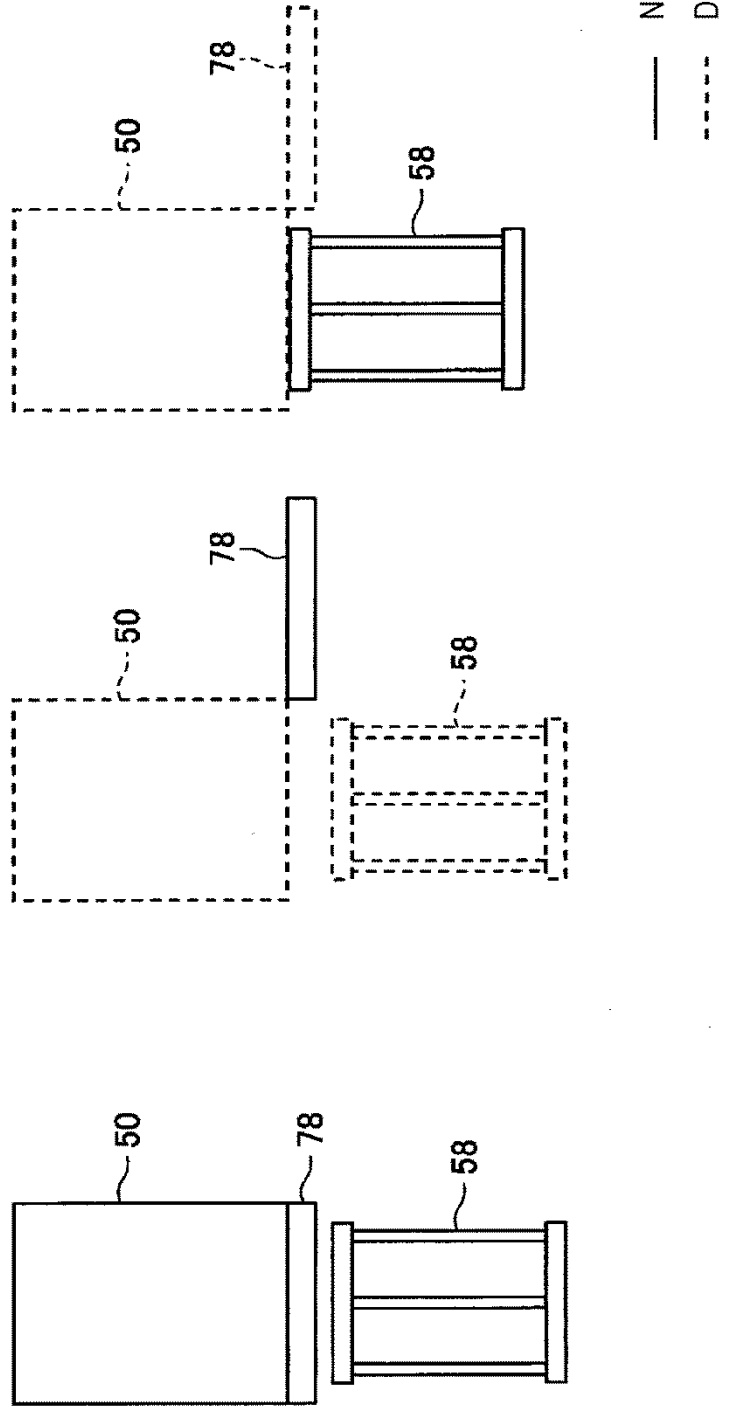
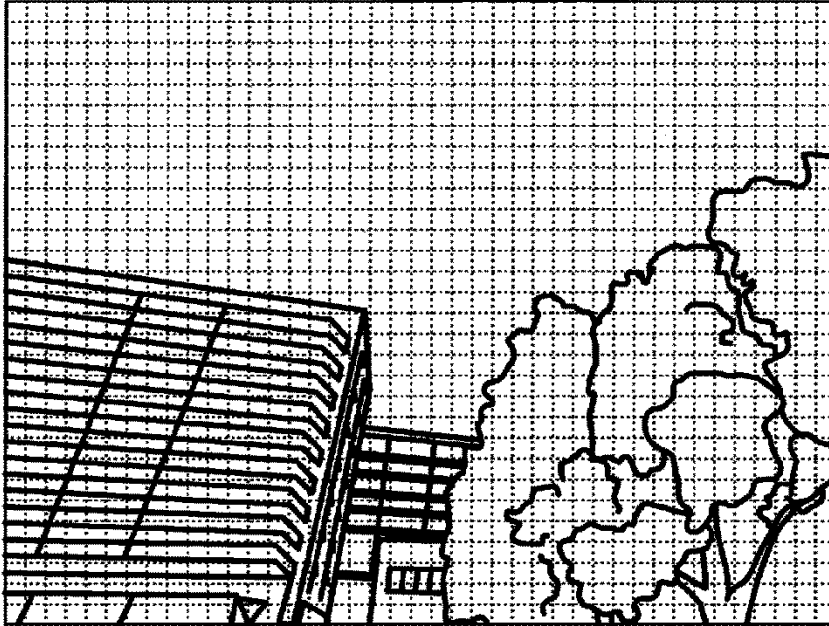
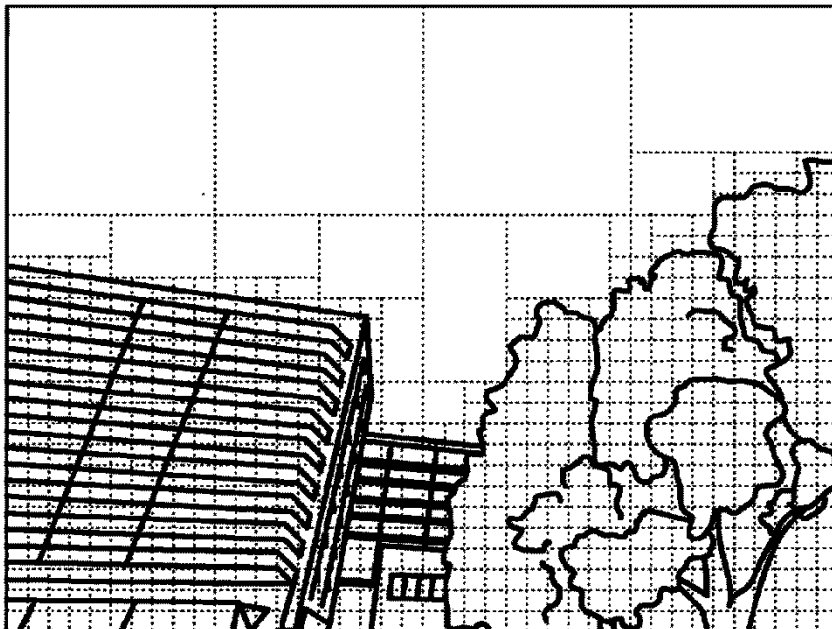


FIG. 10A



H.264 format

FIG. 10B



H.265 format

FIG. 11A



Transfer trouble.avi

FIG. 11B

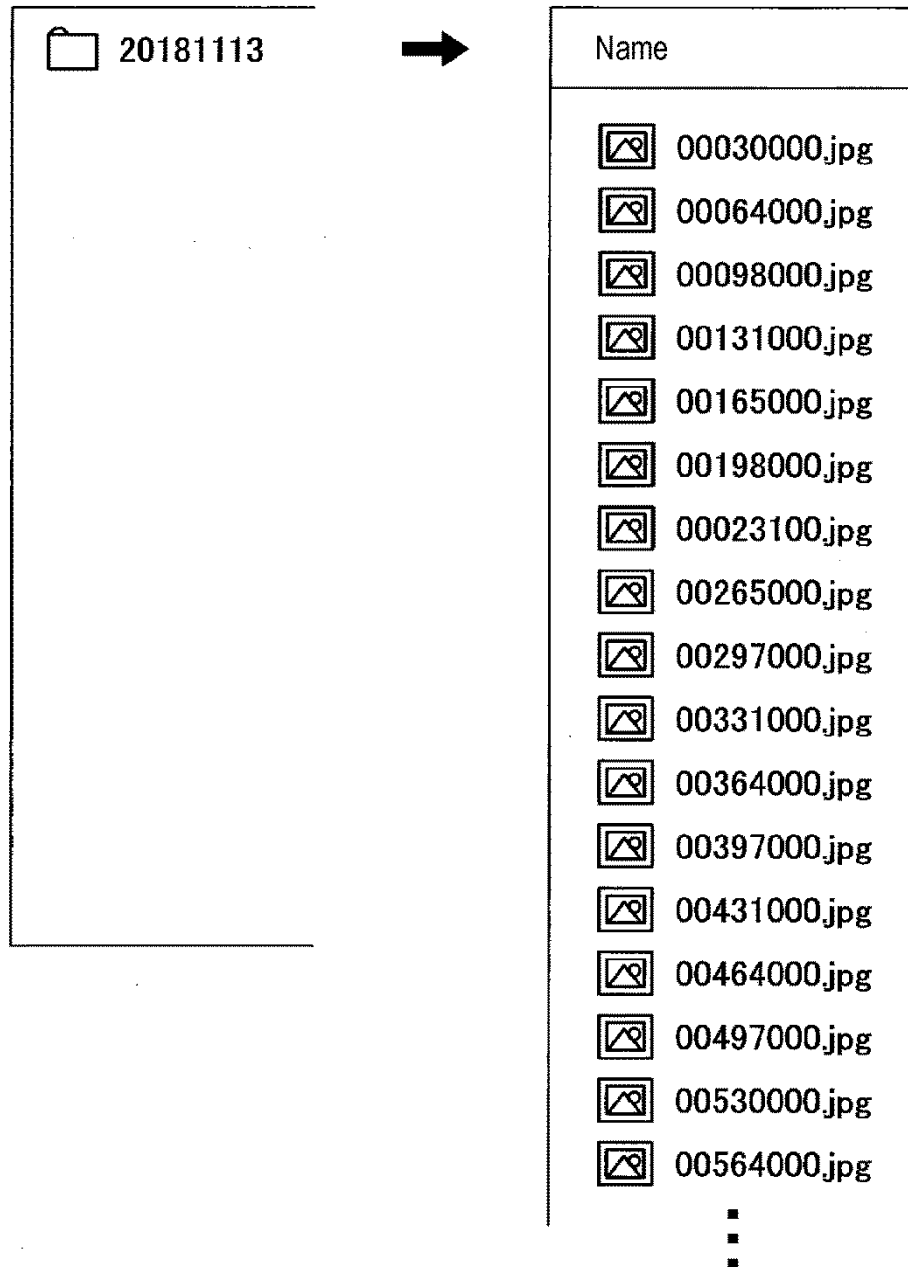


FIG. 12

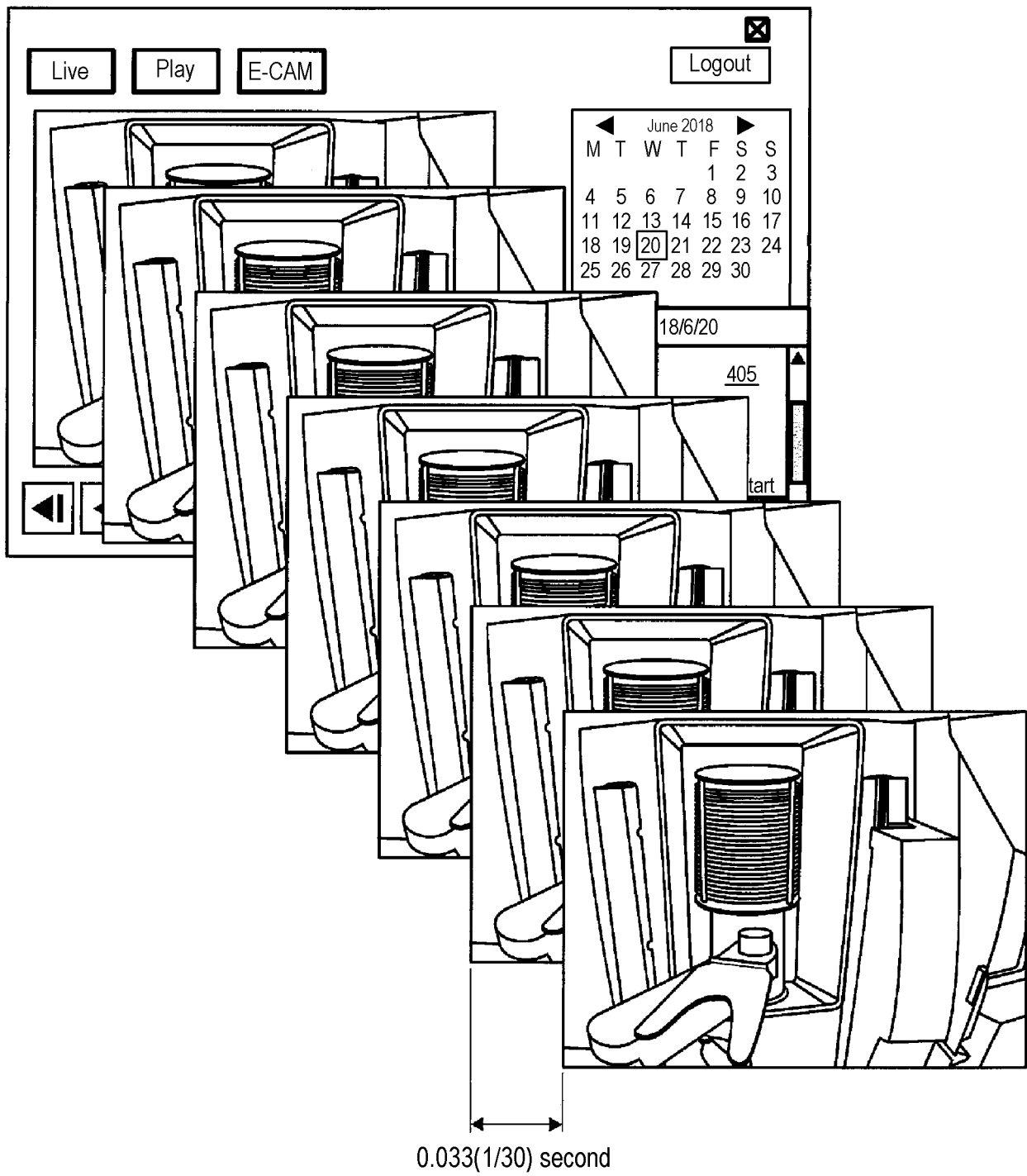


FIG. 13

Item	Imaging target	Motion image/ Still image	Purpose
① During OHT carrier loading ⑨ During OHT carrier unloading	Transfer port 42 Pod transfer mechanism 40	Motion image	Confirming pod delivery in load port Confirming operation of pod transfer mechanism
② After FIMS opening	FIMS opener	Still image	Determining wafer pop-out after FIMS opening
③ During charging ⑧ During discharging	Boat 58 FIMS opener Substrate transfer machine 86	Motion image	Taking out wafer from pod Confirming charging of wafer on substrate transfer machine to boat during operation
④ After charging completion ⑦ After unloading	Boat 58	Still image	Confirming wafer on boat
⑤ During boat loading ⑥ During unloading	Boat 58	Motion image	Confirming boat and wafer during E-axis operation

FIG. 14

Imaging target	Alarm ID	Camera number
Load port for delivering pod	50001	1
	⋮	⋮
	50999	1
Pod transfer mechanism for transferring pod	51000	2
	⋮	⋮
	53000	2
FIMS opener	53001	3
	⋮	⋮
	55000	3
Substrate transfer machine and boat 1	55001	4
	⋮	⋮
	58000	4
Substrate transfer machine and boat 2	58001	5
	⋮	⋮
	61000	5

FIG. 15

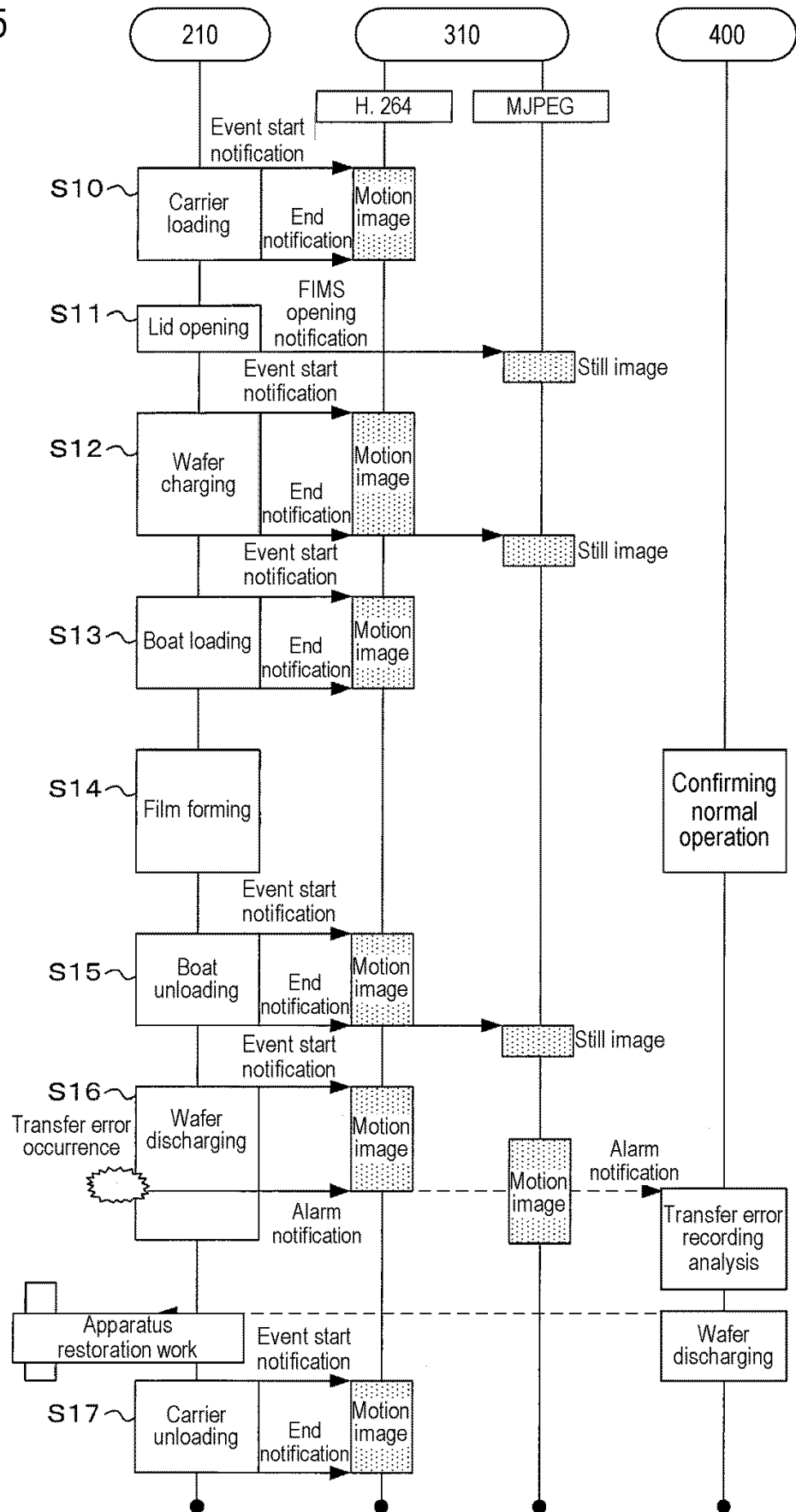


FIG. 16

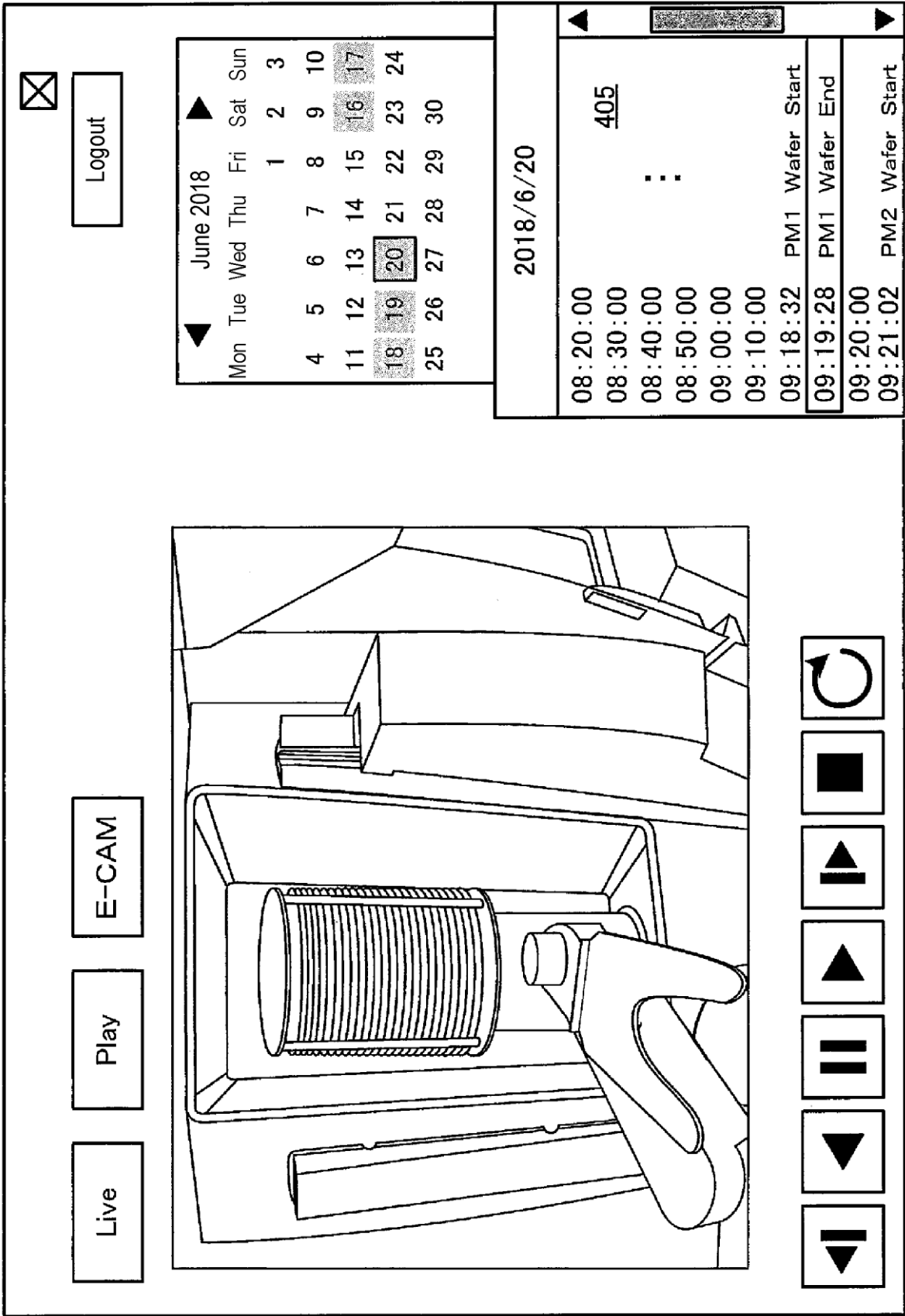


FIG. 17

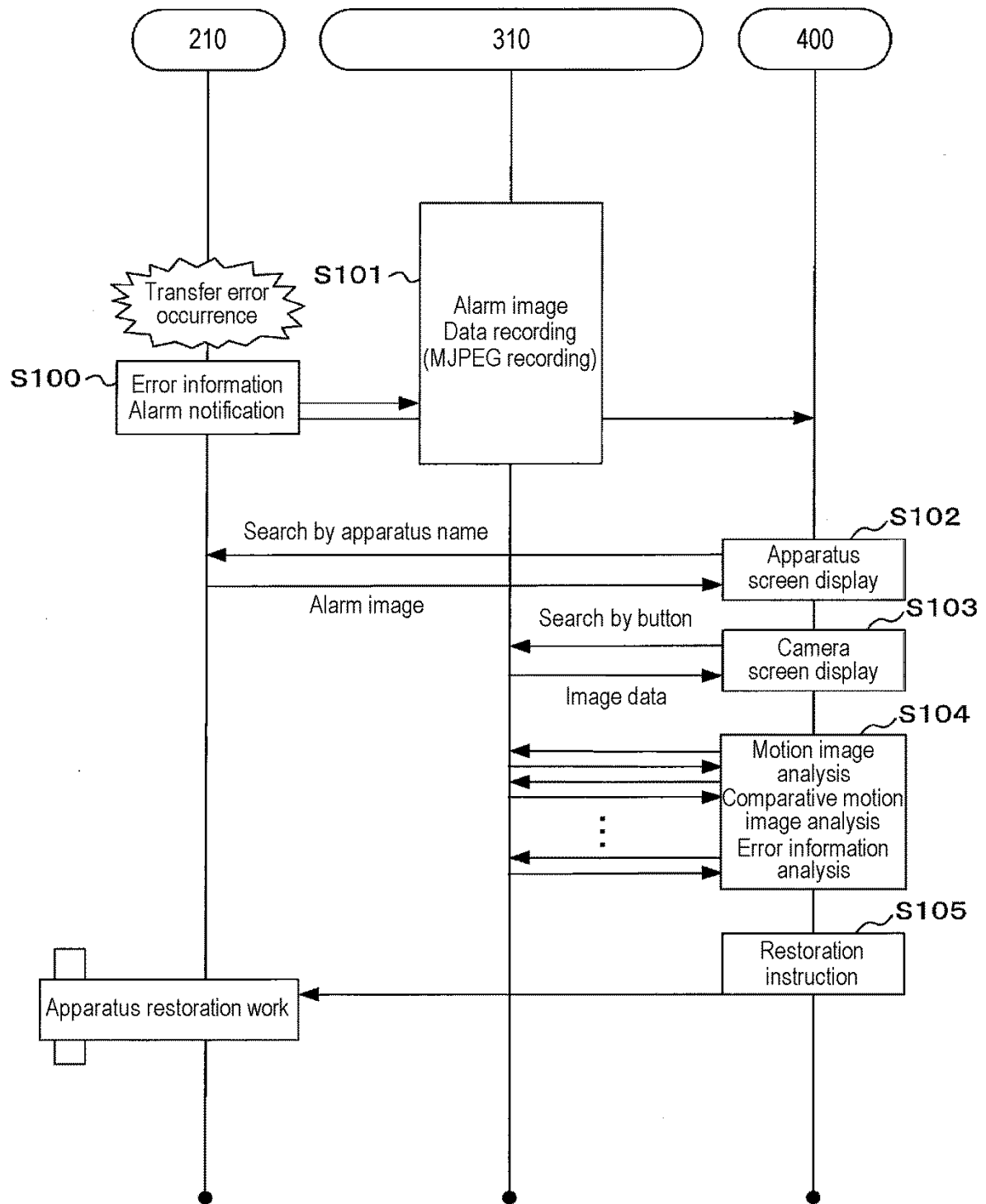


FIG. 18

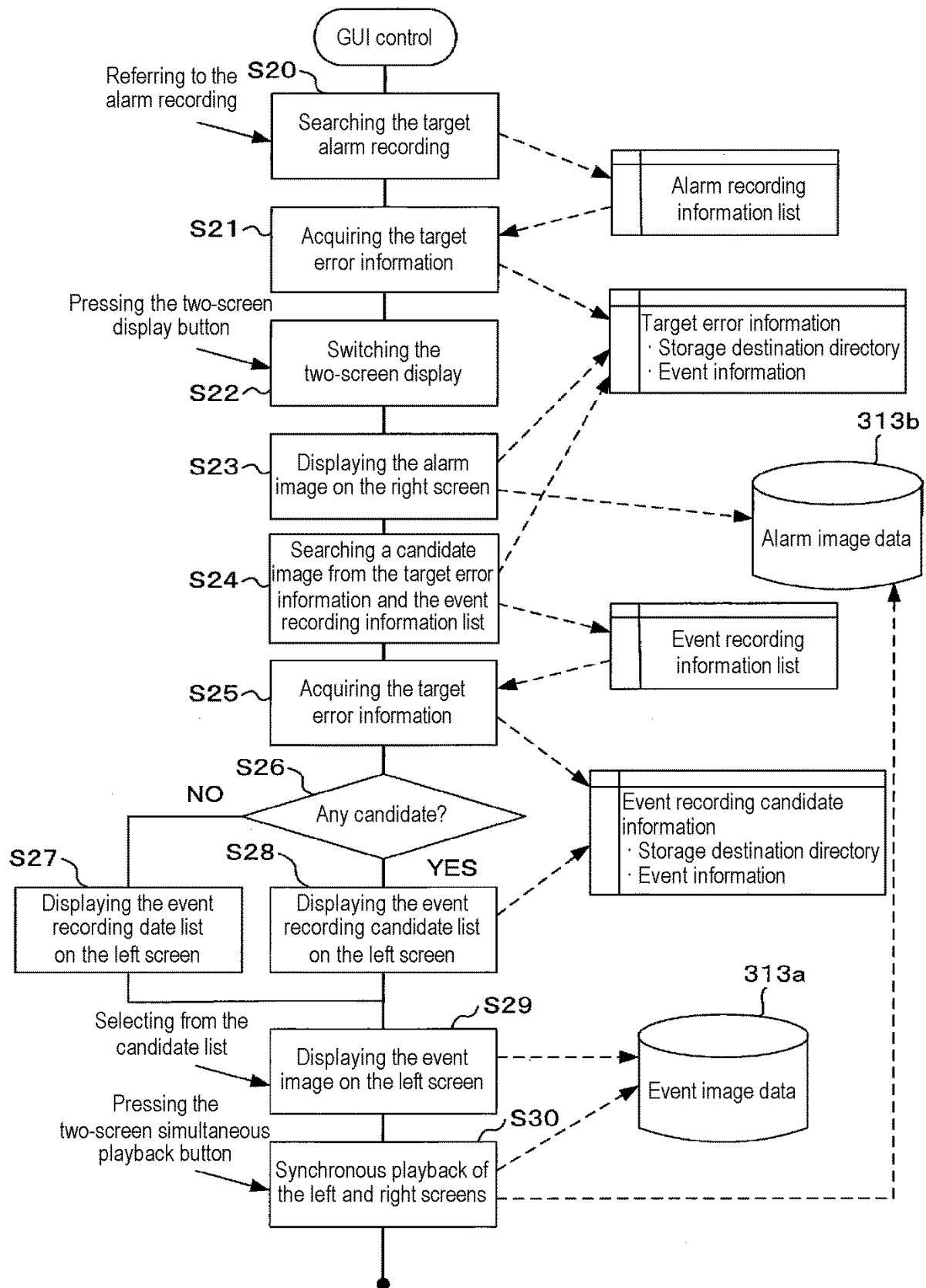


FIG. 19

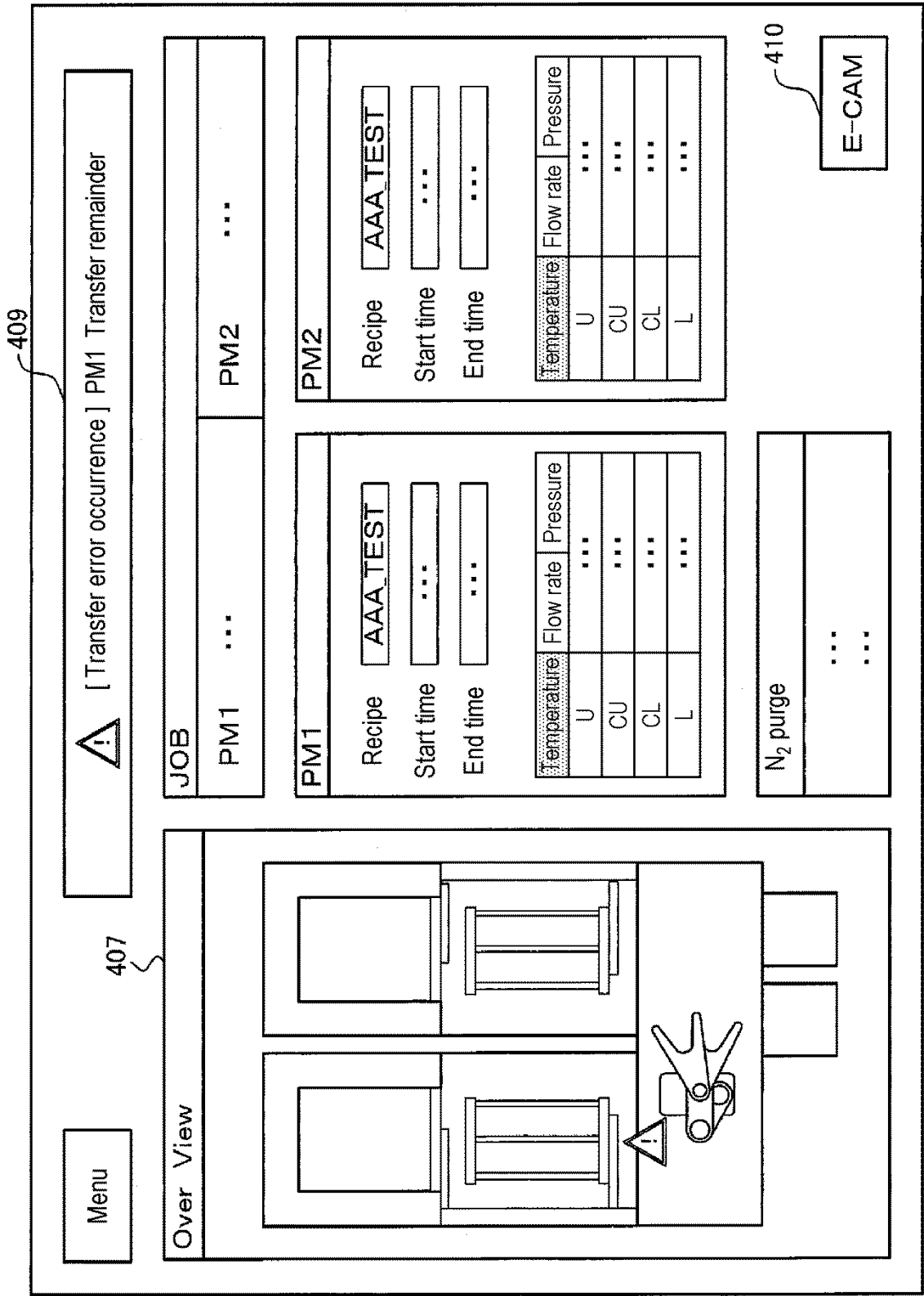


FIG. 20

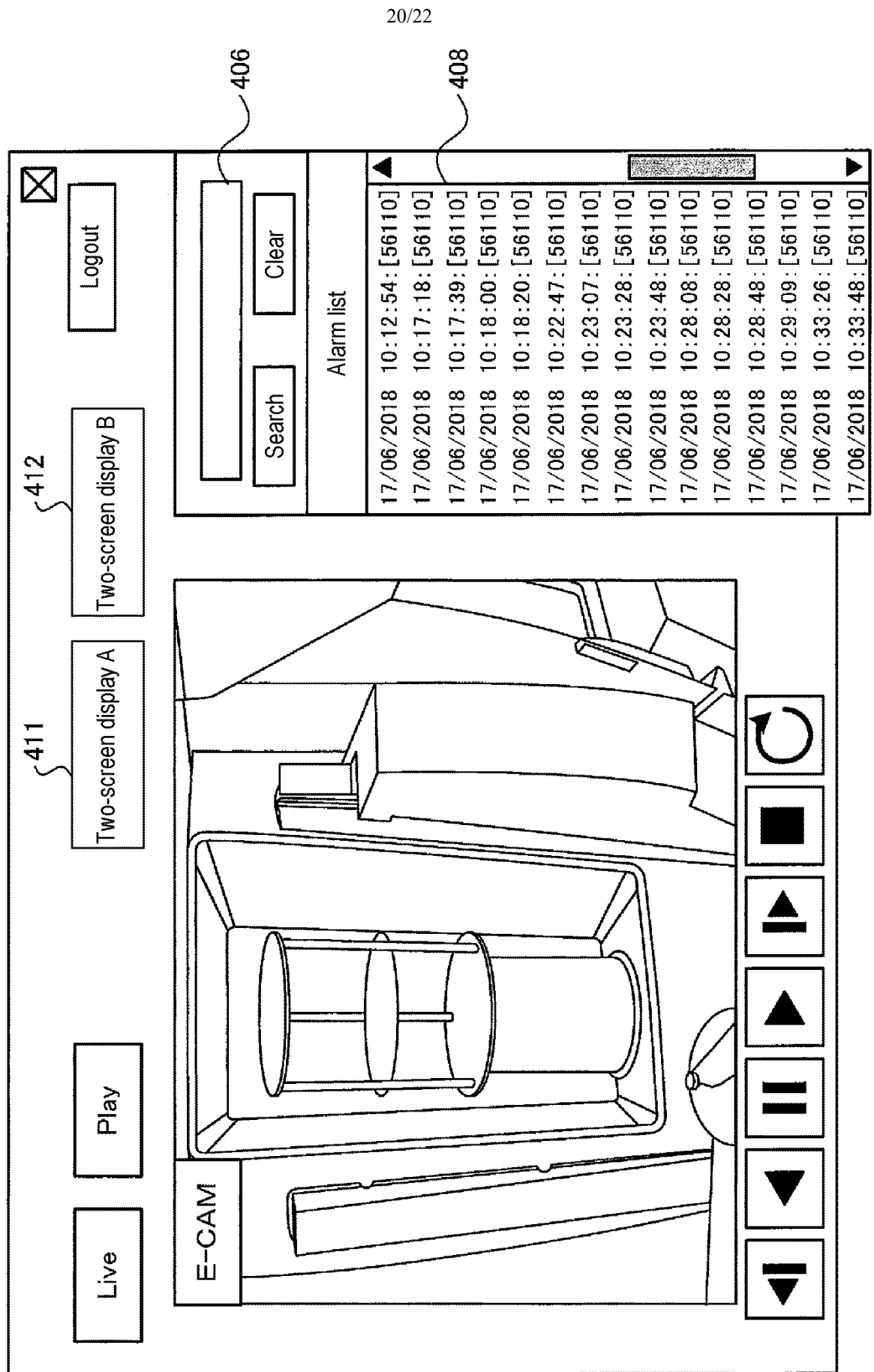


FIG. 21

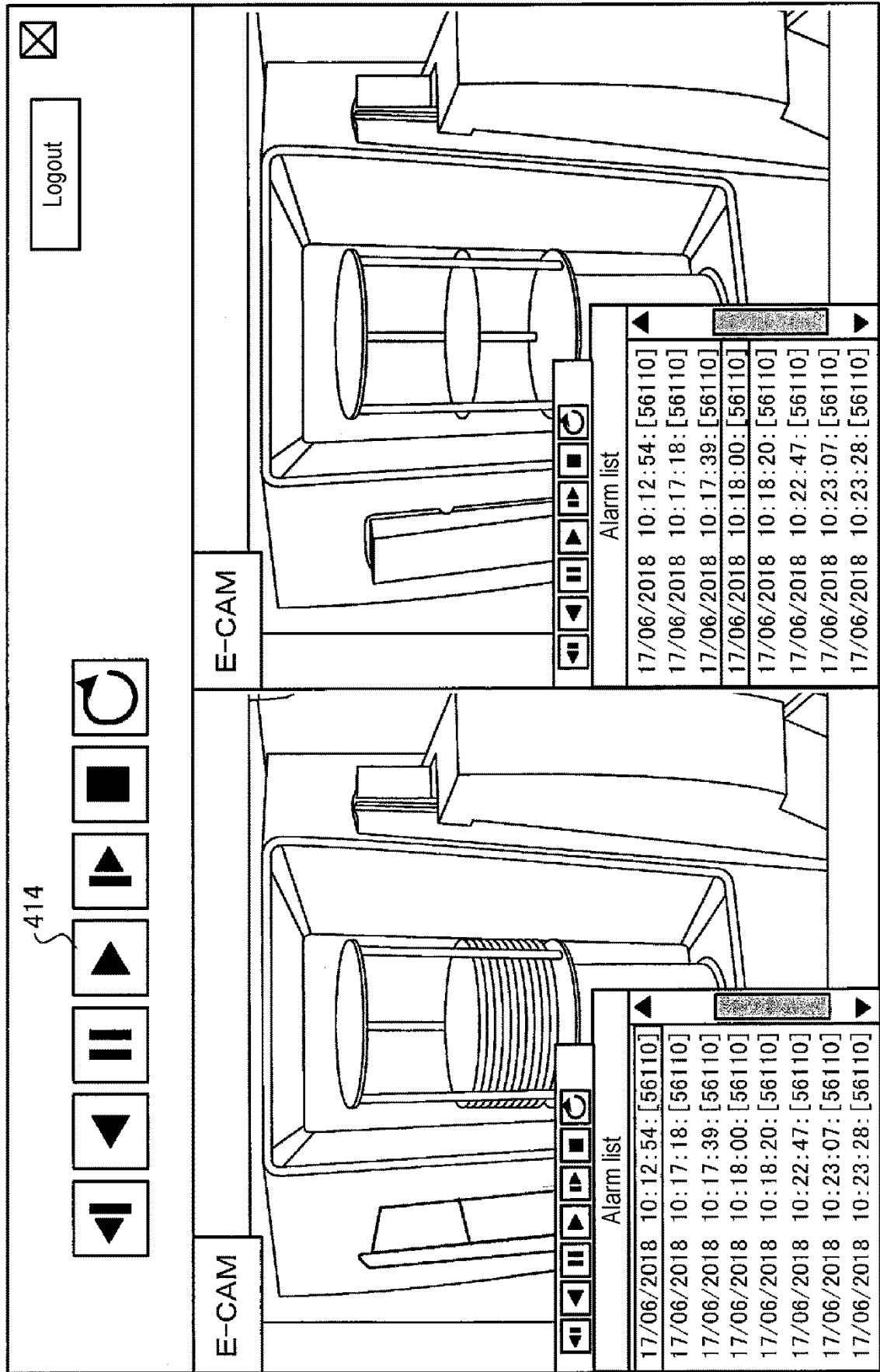


FIG. 22

