

Fig.1

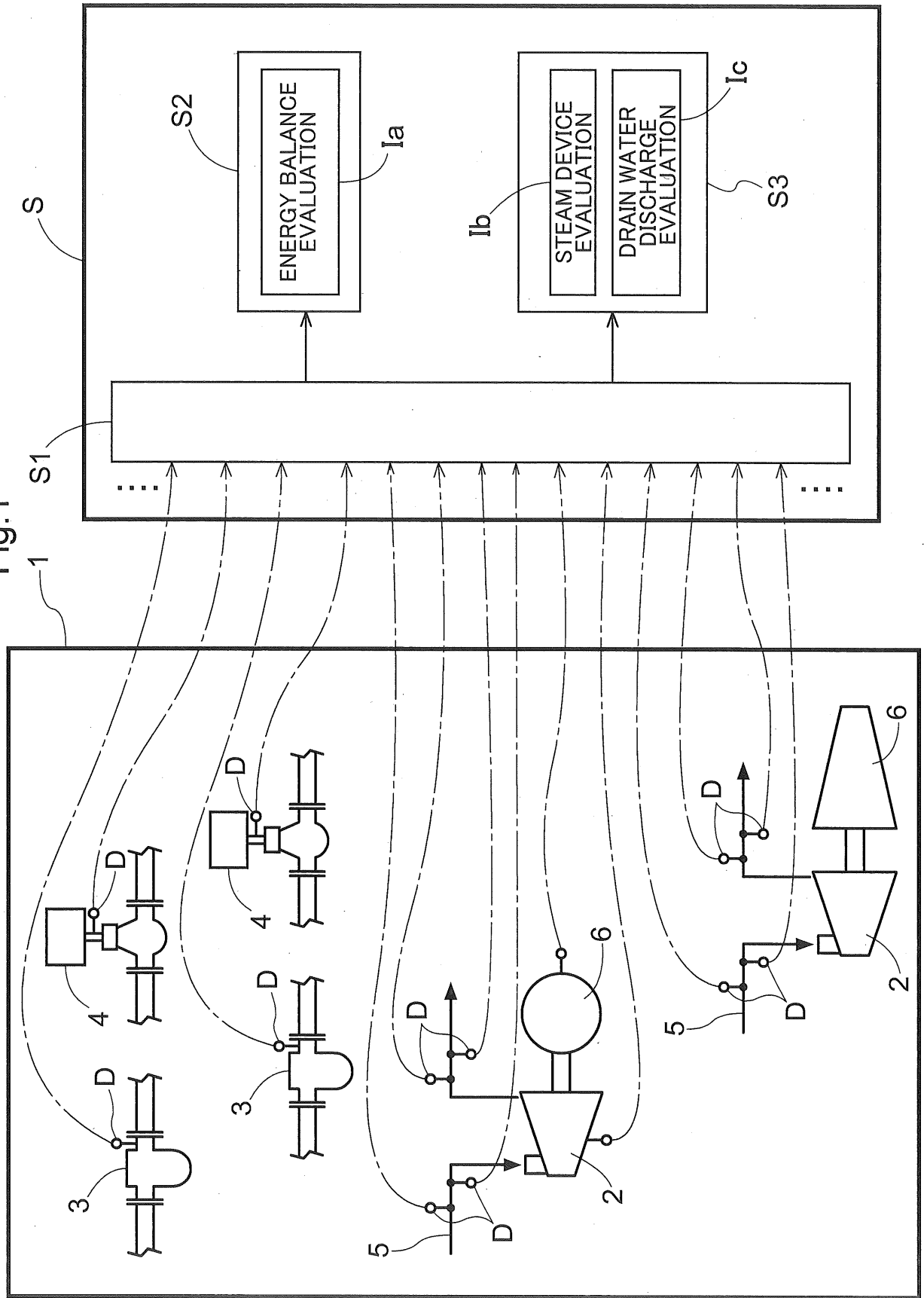


Fig.2

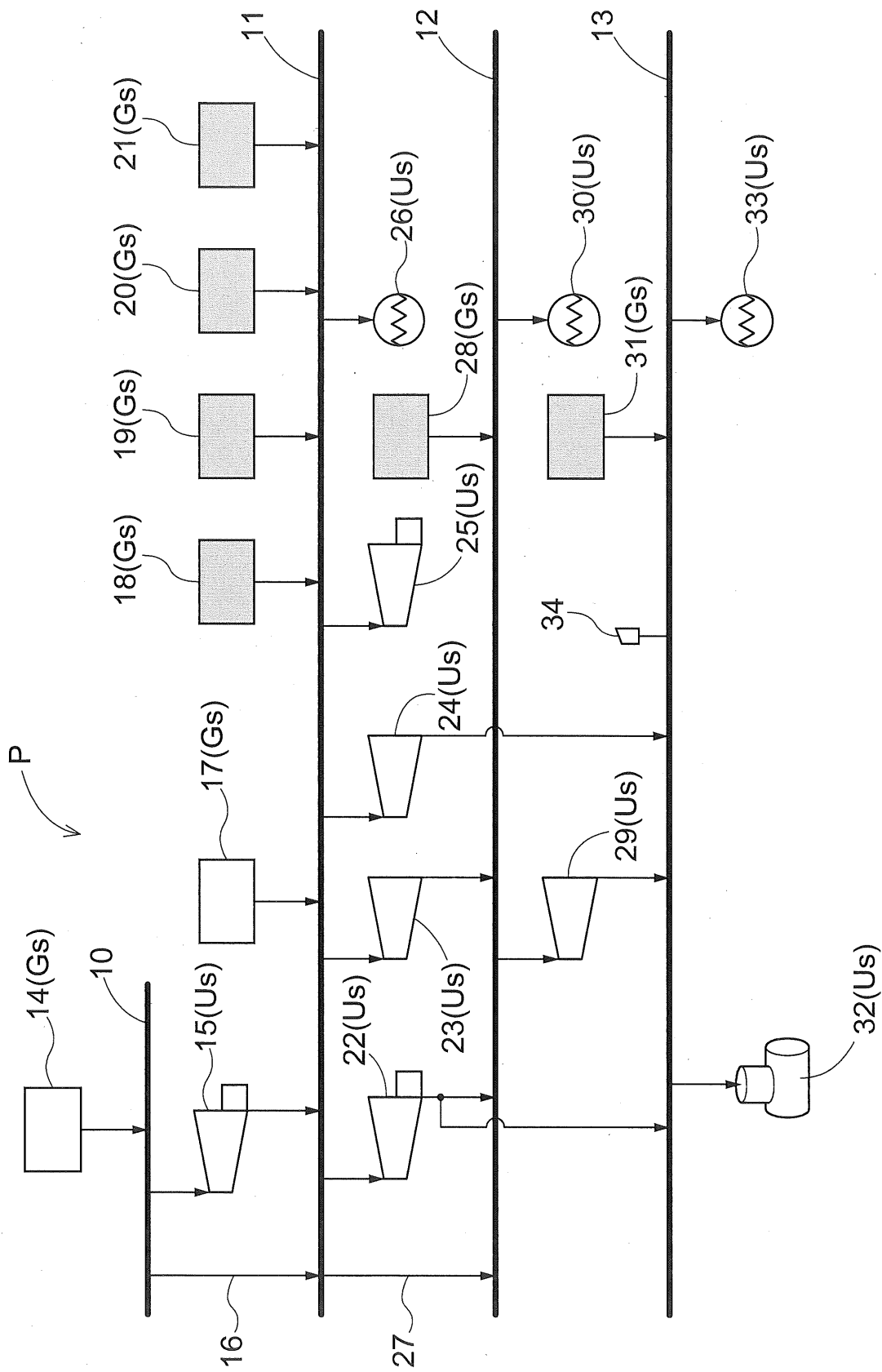


Fig.3

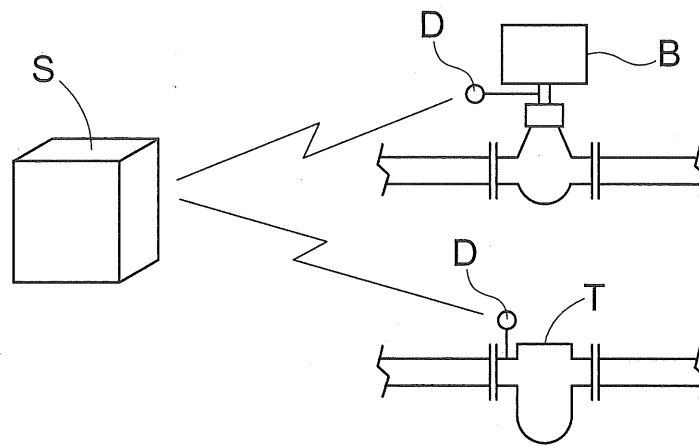


Fig.4

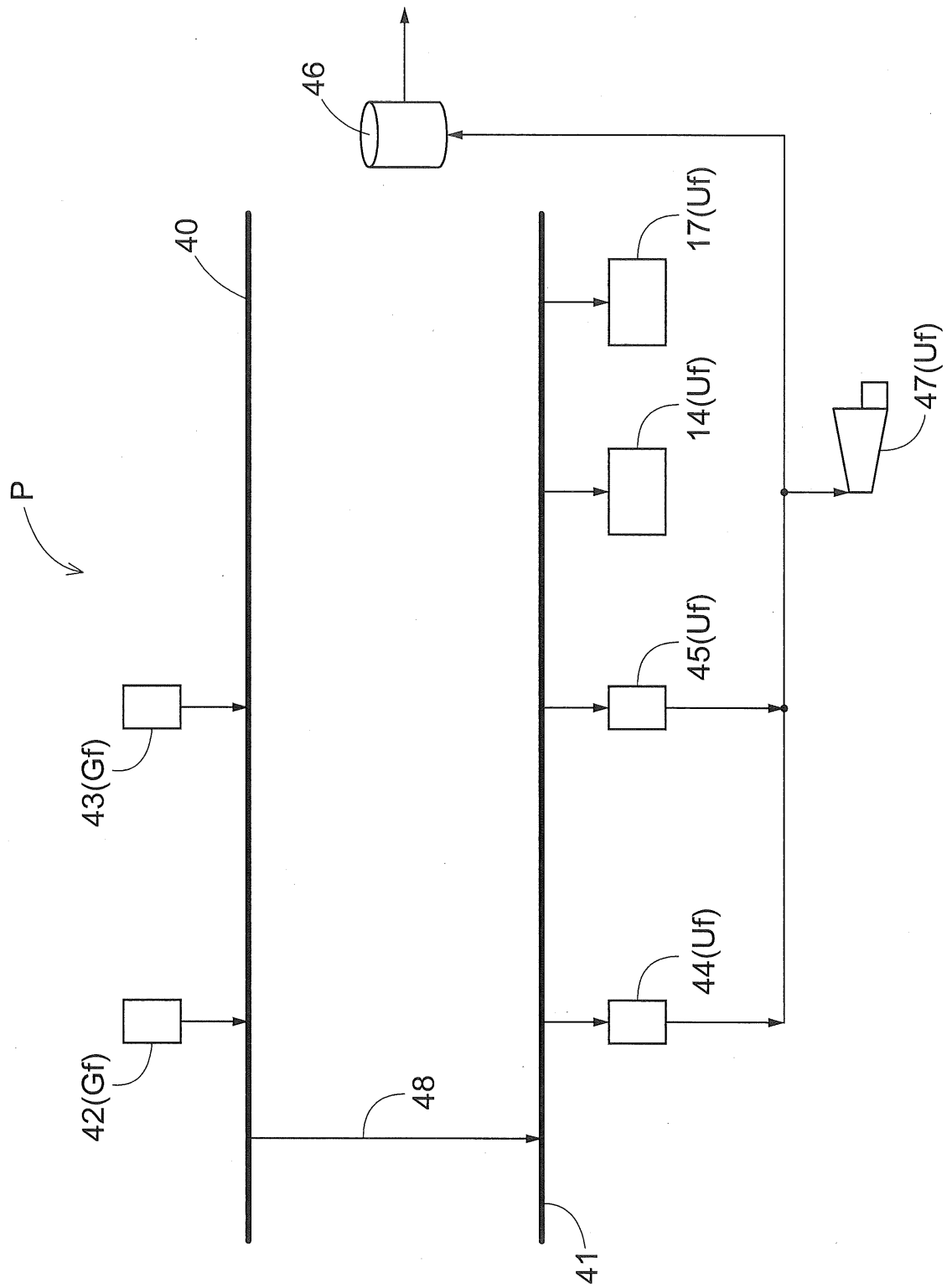


Fig.5

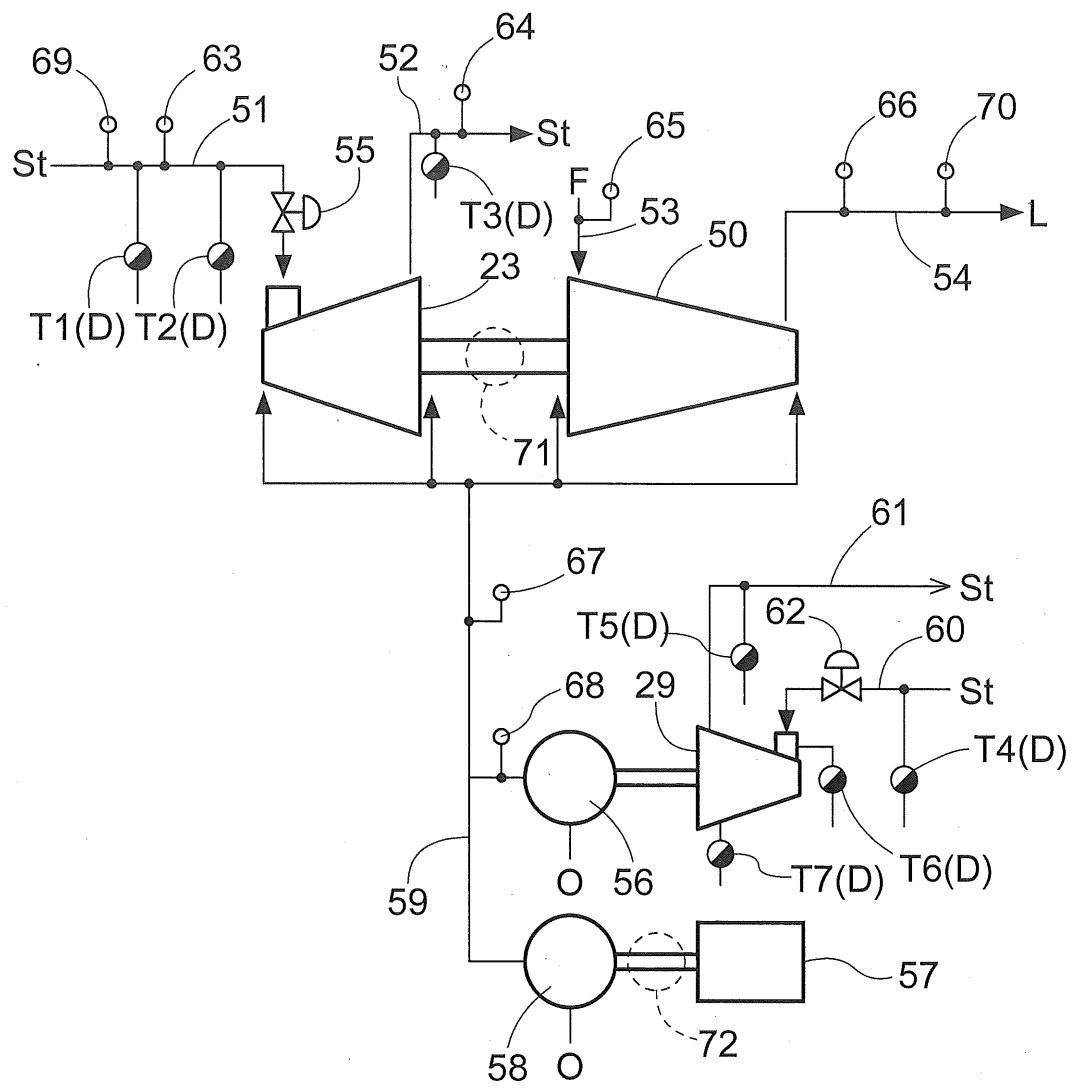


Fig.6

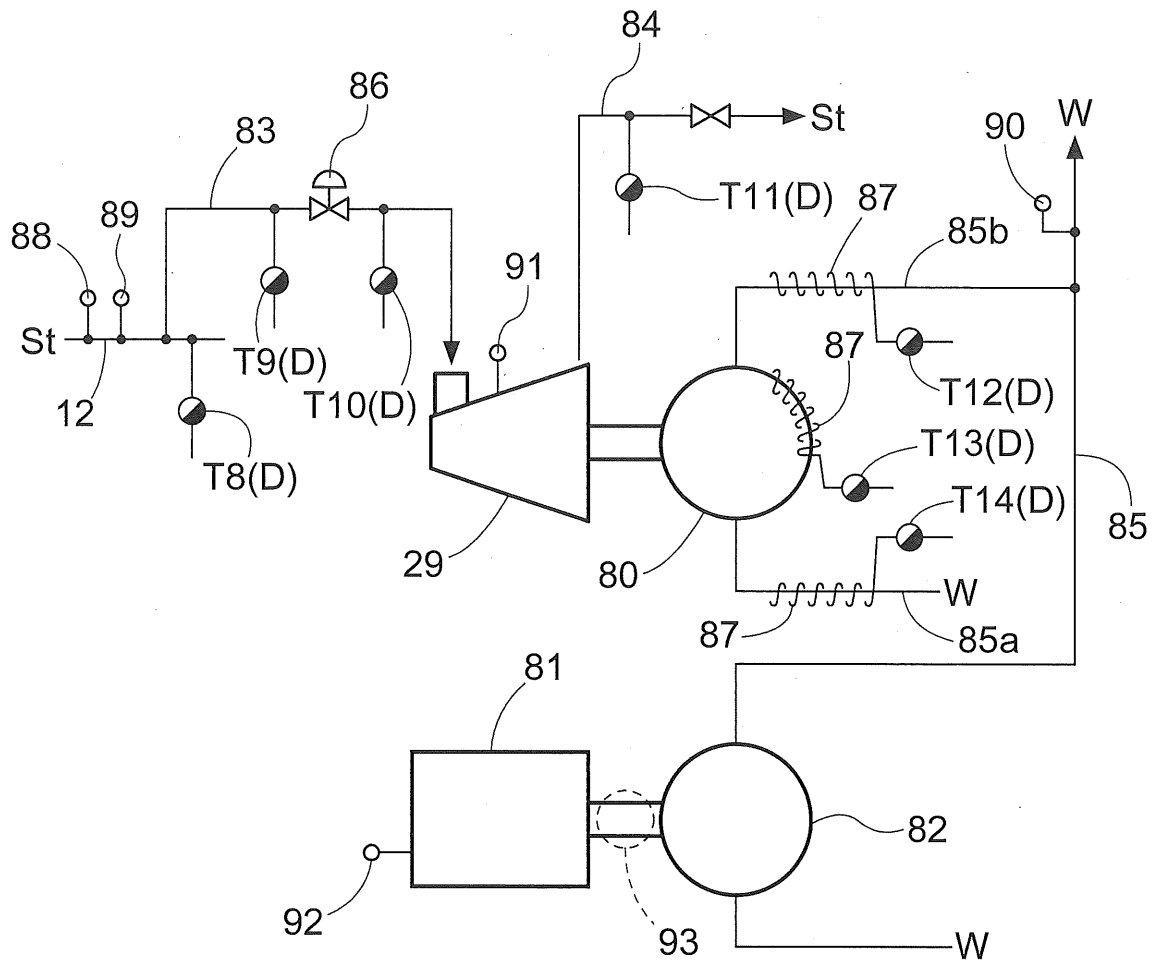


Fig.7

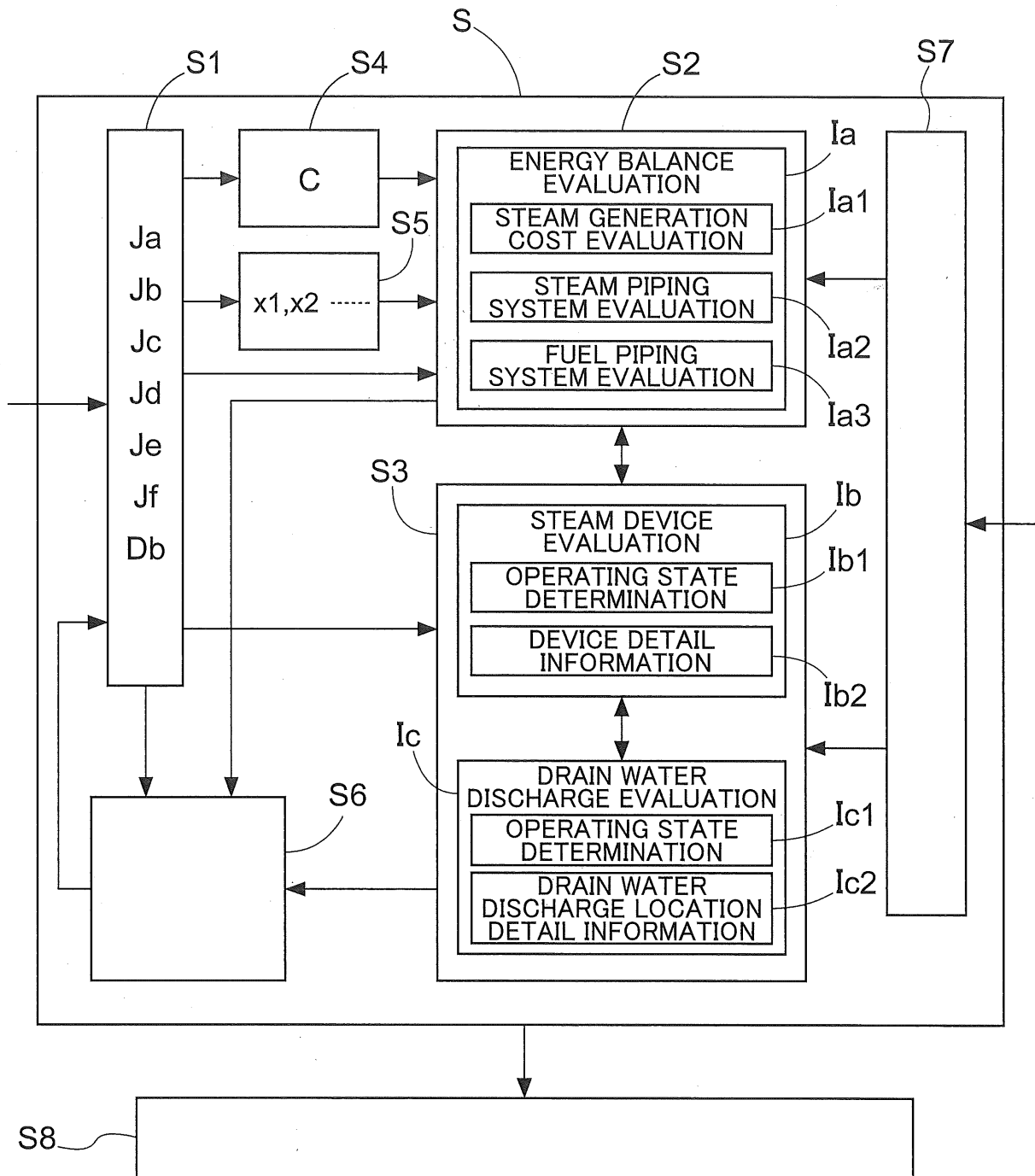


Fig.8

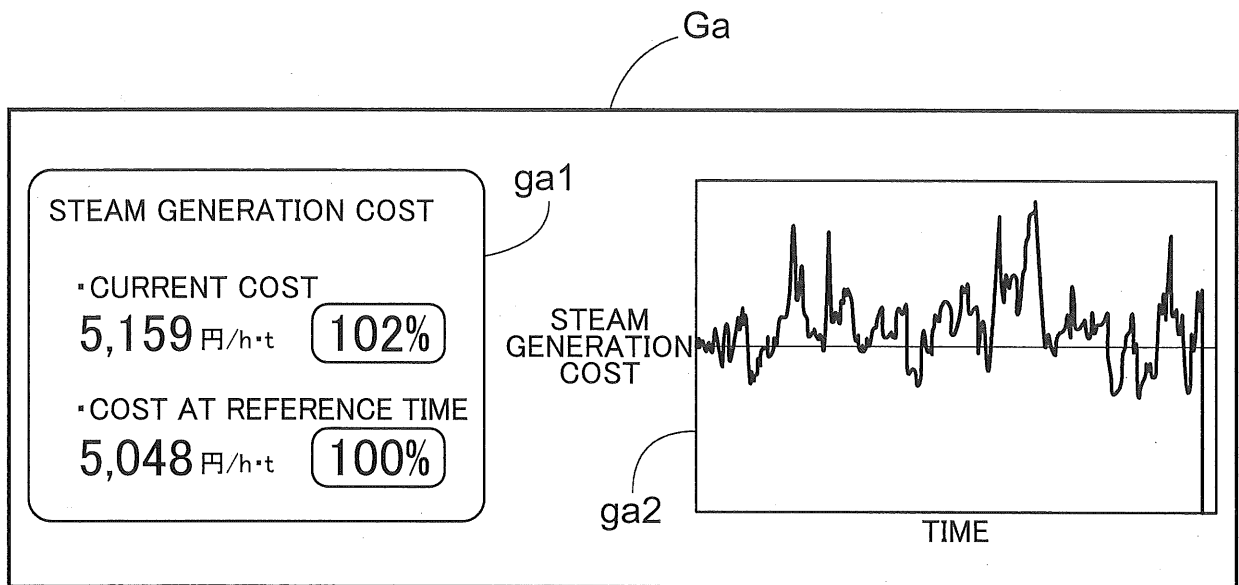


Fig. 9

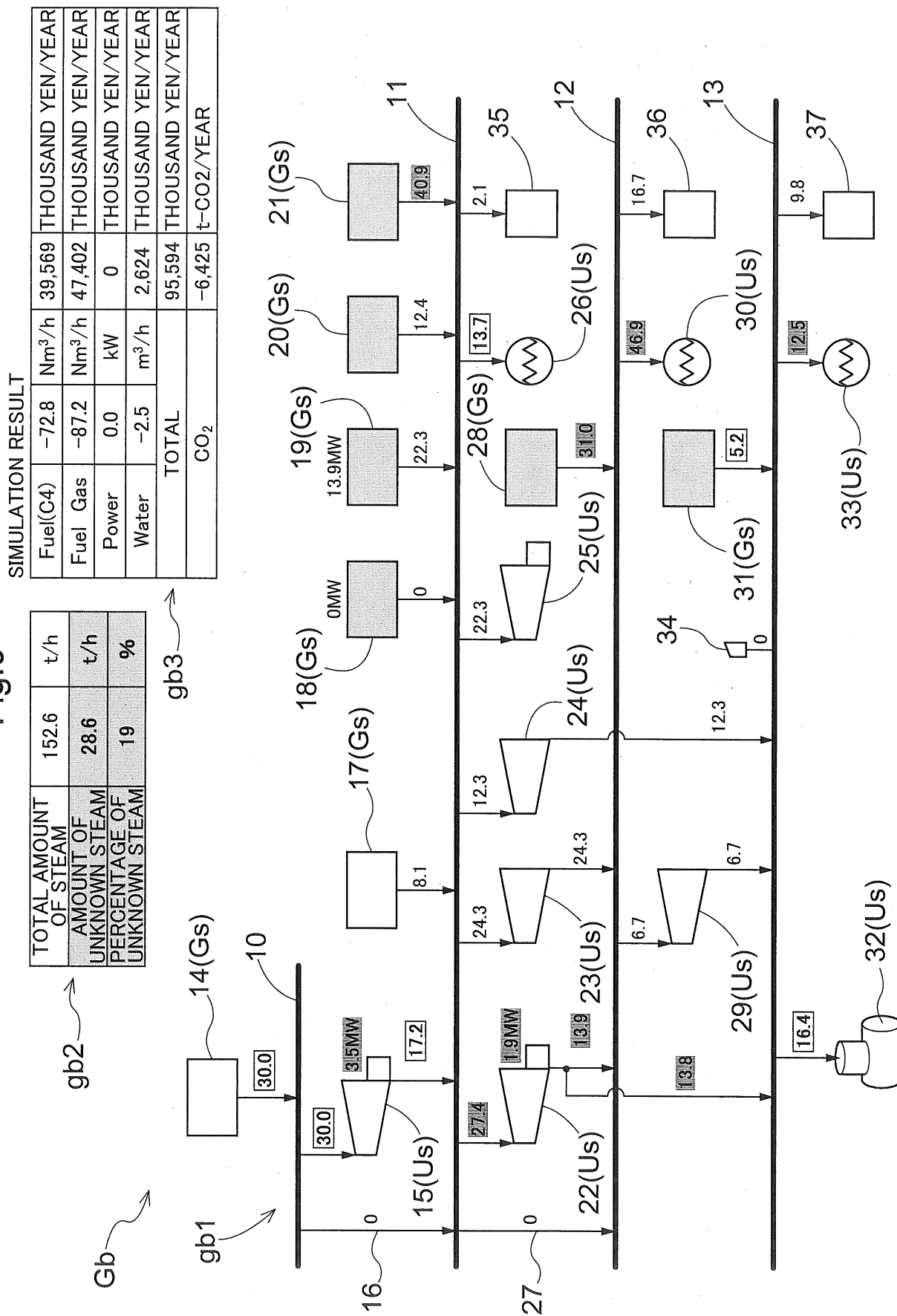


Fig.10

GENERATION	18.724	Nm ³ /h	UNKNOWN GAS			2.002	Nm ³ /h
	CONSUMPTION	16.722	Nm ³ /h	PERCENTAGE OF UNKNOWN GAS			11

REDUCTION AMOUNT OF C4 BACKUP	0	Nm ³ /h	0	THOUSAND YEN/YEAR
REDUCTION AMOUNT OF PRODUCT C4	151	Nm ³ /h	82,063	THOUSAND YEN/YEAR
REDUCTION AMOUNT OF FUEL A	-366	Nm ³ /h	-17,550	THOUSAND YEN/YEAR
TOTAL			64,513	THOUSAND YEN/YEAR

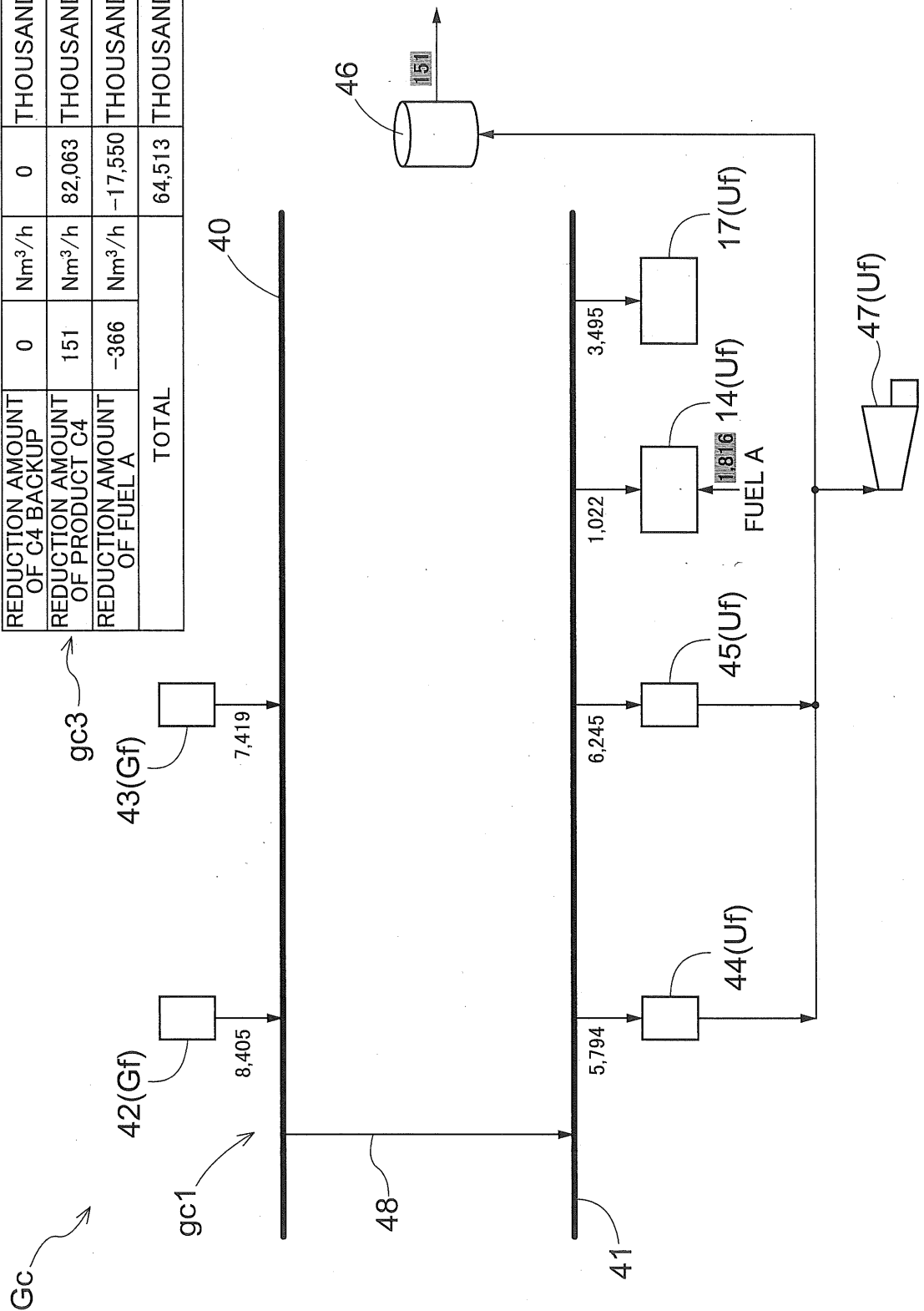
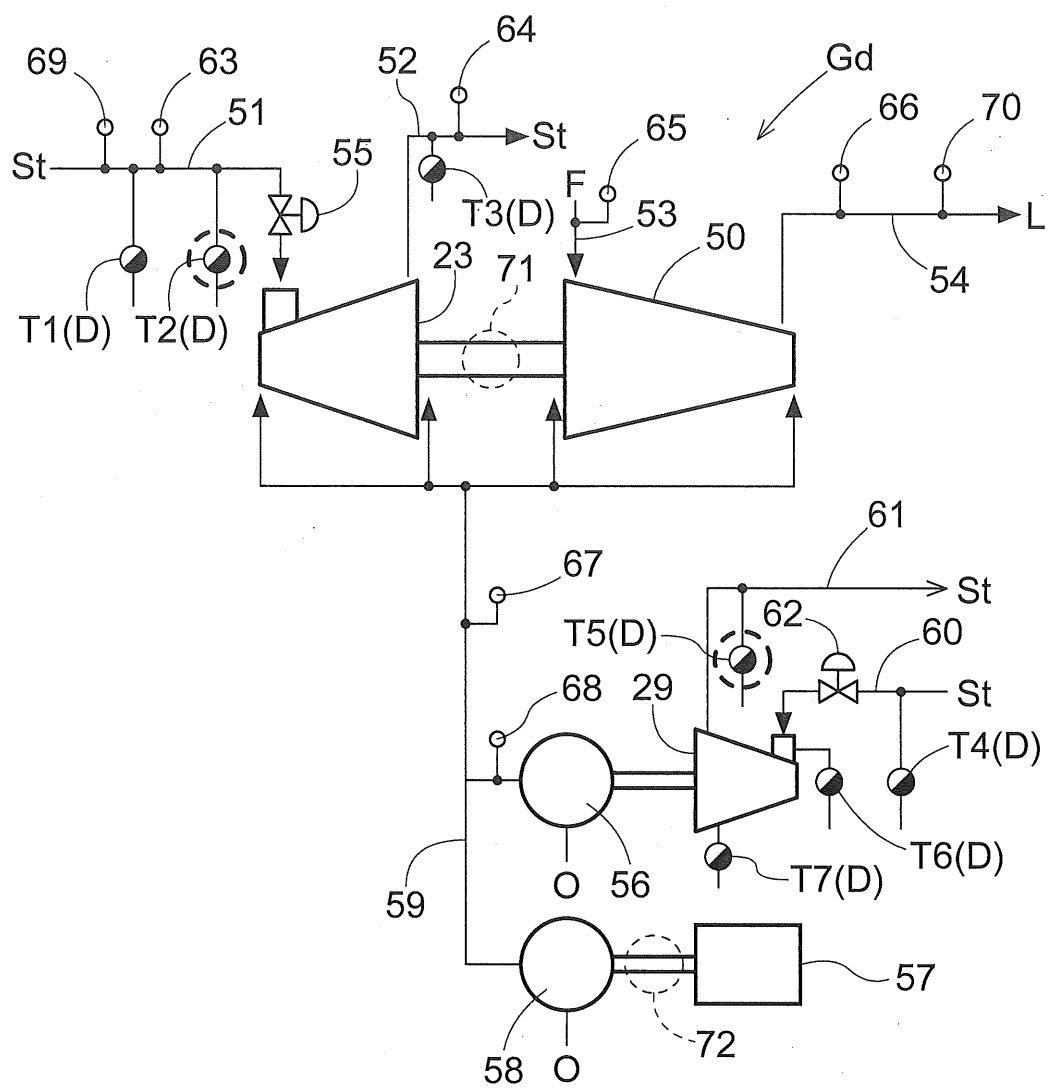


Fig. 11



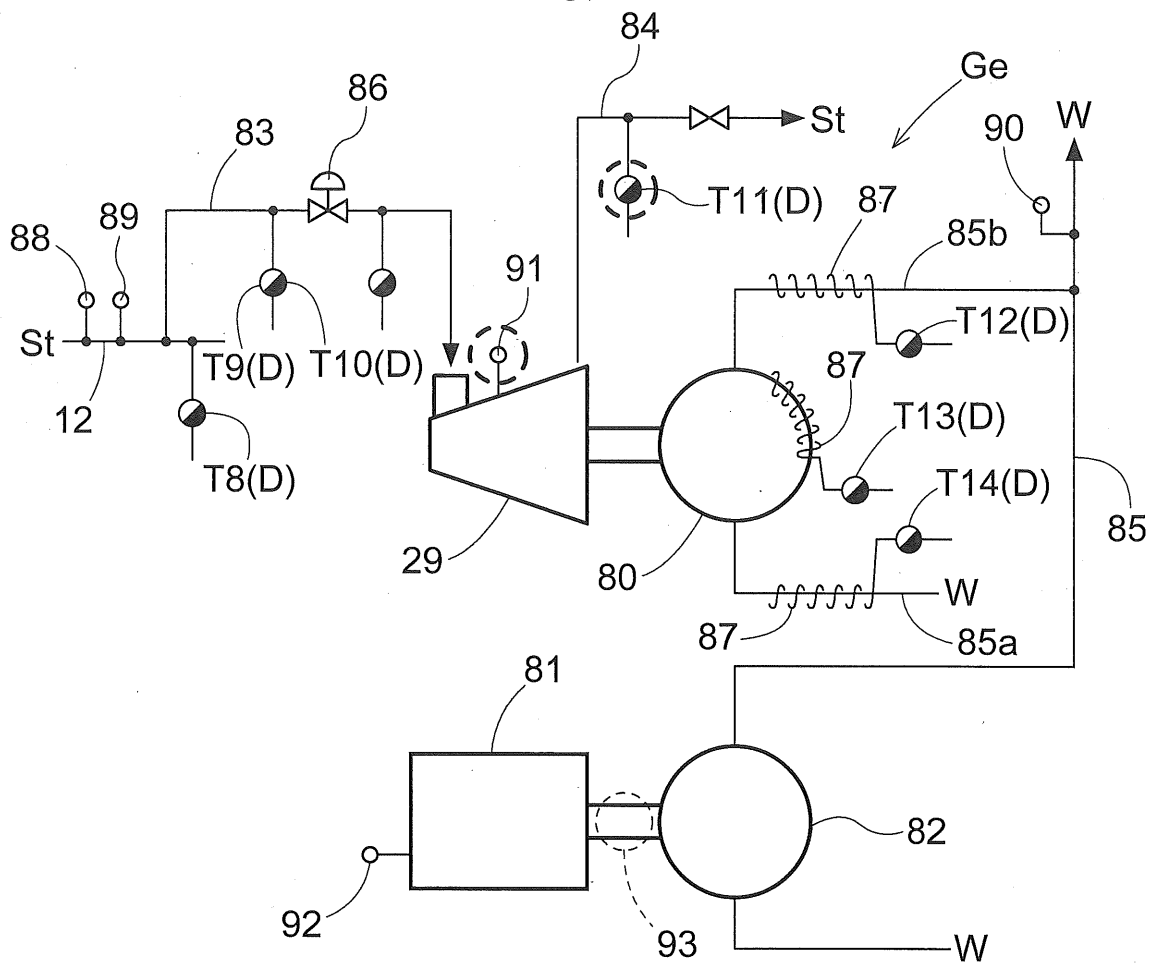


Fig.13

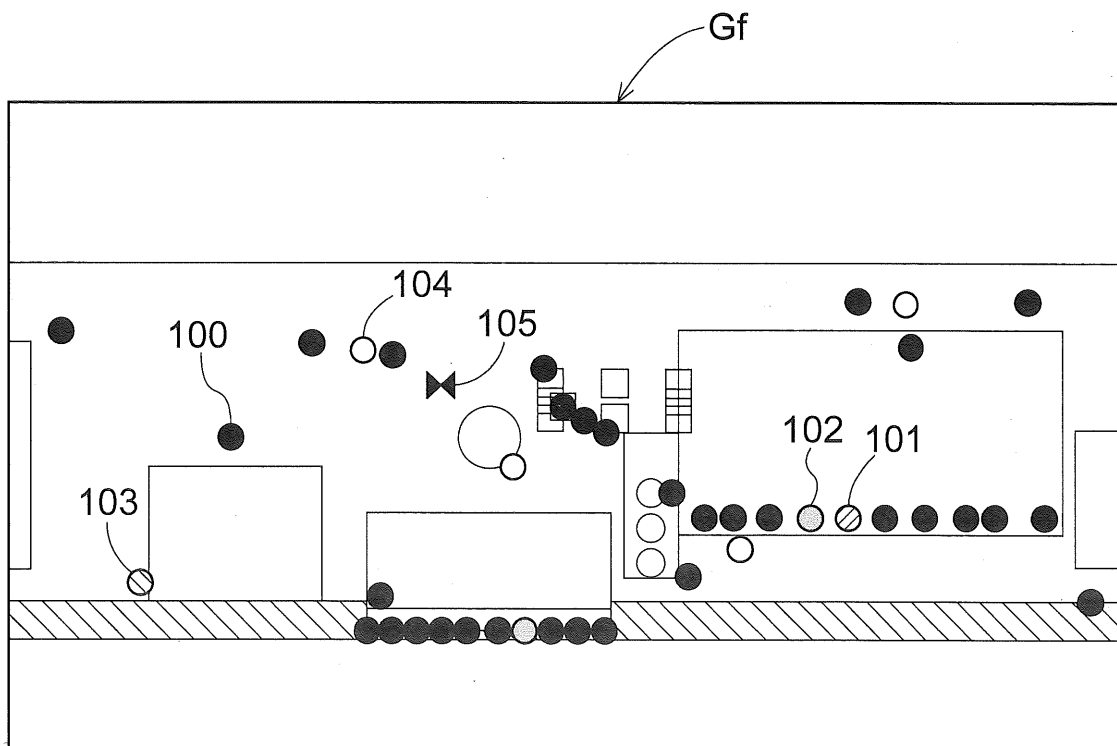


Fig.14

Gg

IMPROVEMENT IDEAS	
(1) ☐	Cool flash steam (steam) from collecting drain pipe with cooling tower to undo invisible state
(2) ☐	Cause superheater equipment that is using middle-pressure steam, to use low-pressure steam by changing piping
(3) ☒	Repair location from which steam is leaking (valves, traps)
(4) ☐	Suction low-pressure steam with steam compressor to perform modification and efficiently use the steam
(5) ☐	Stop steam turbine and preferentially use inexpensive motor-side pump for reduction in electrical charges
...	...