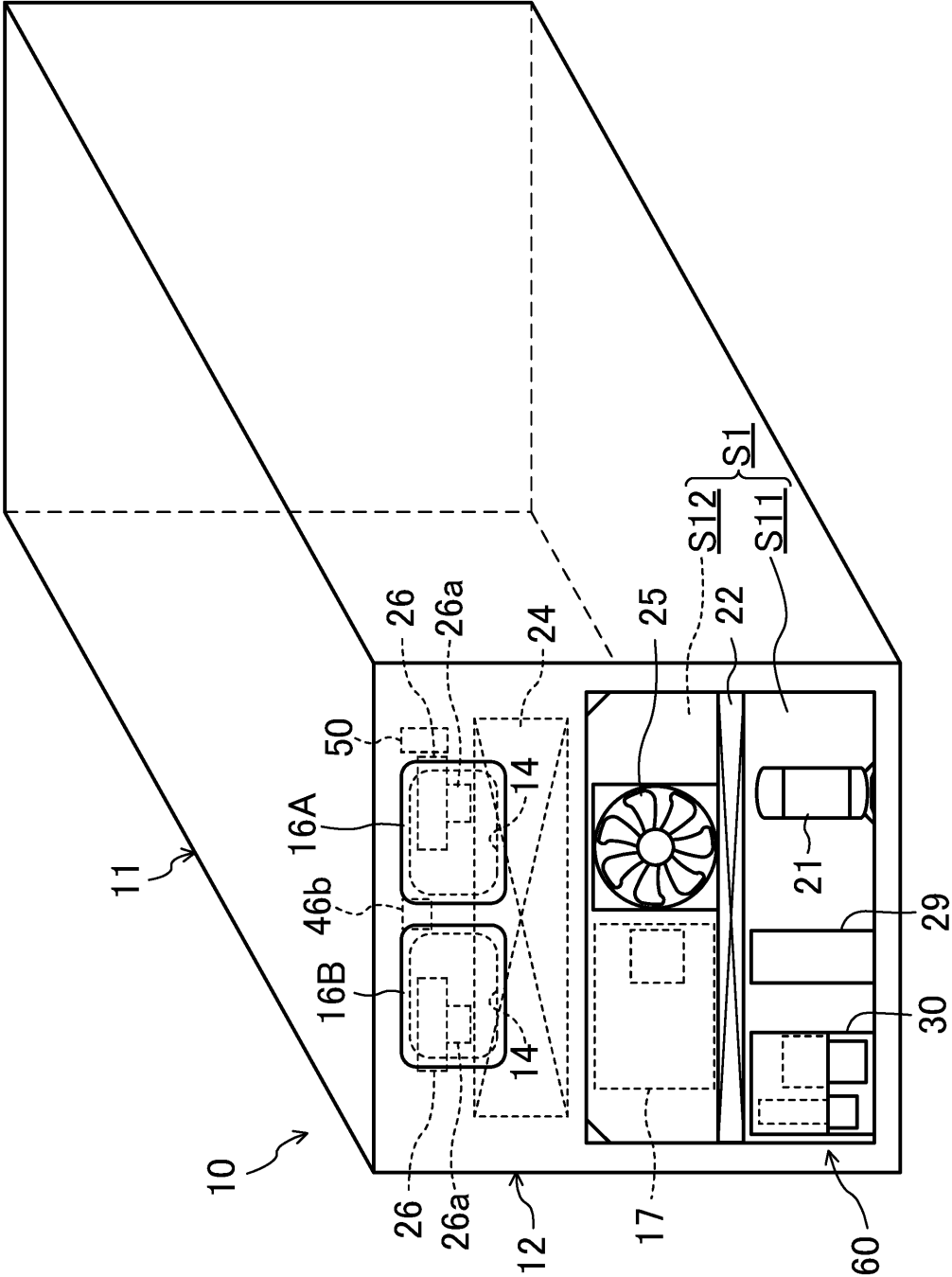


FIG.1



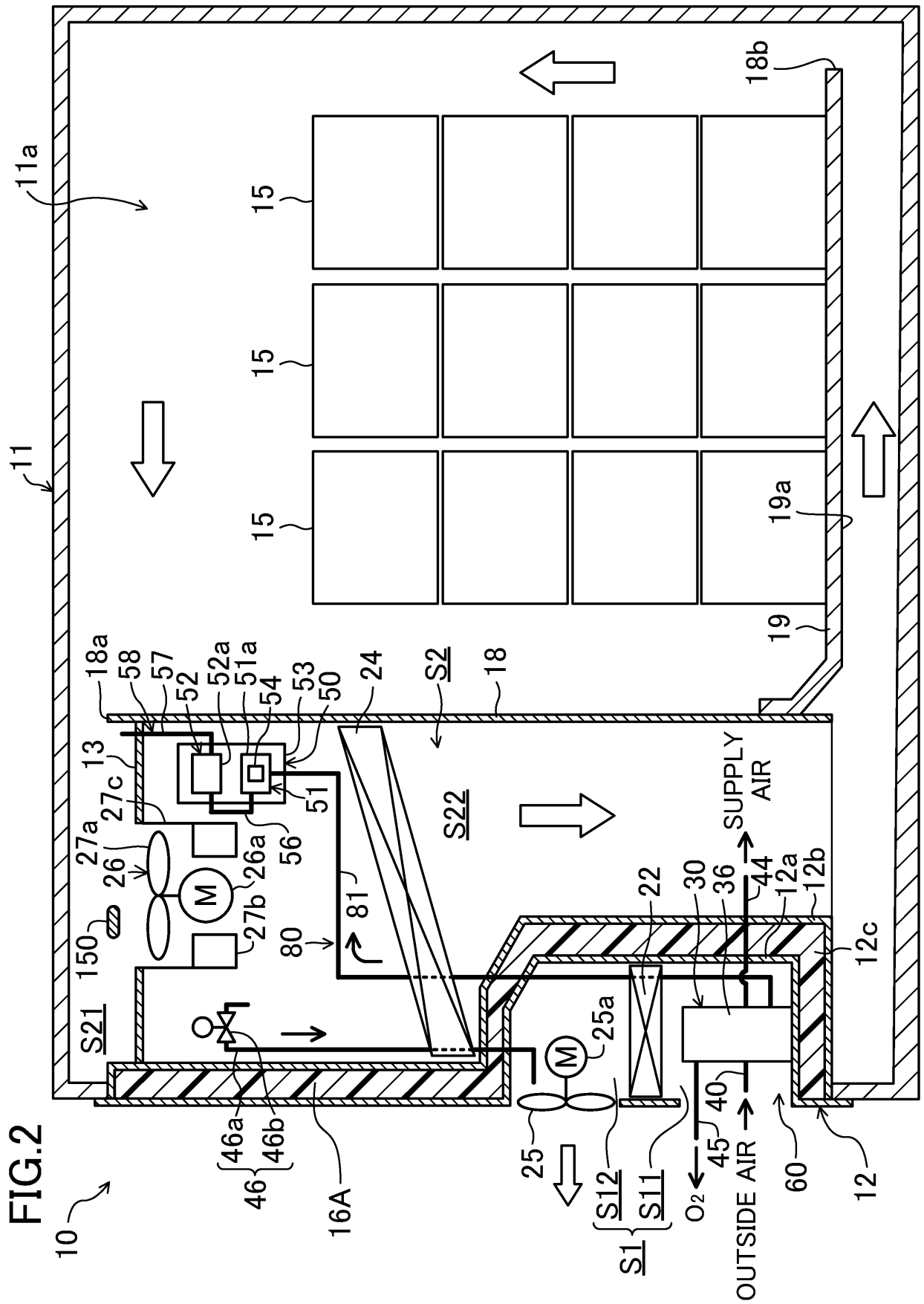
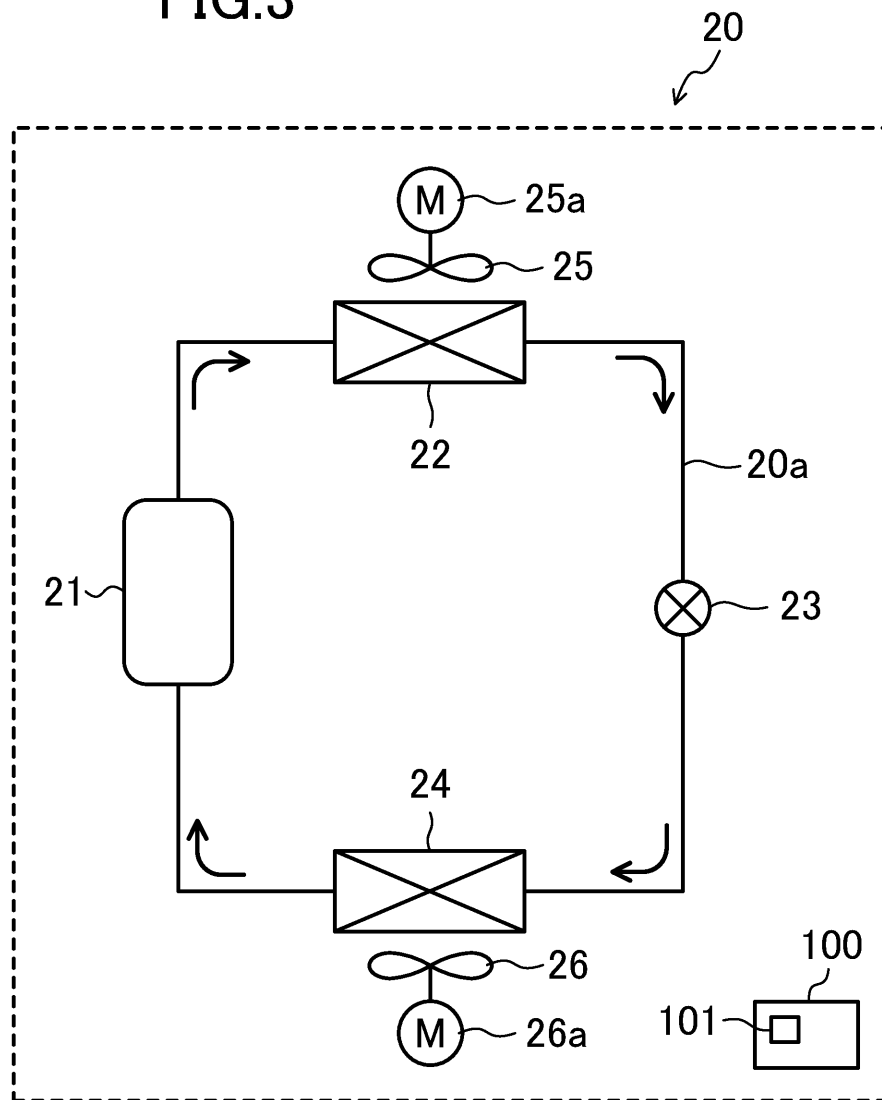
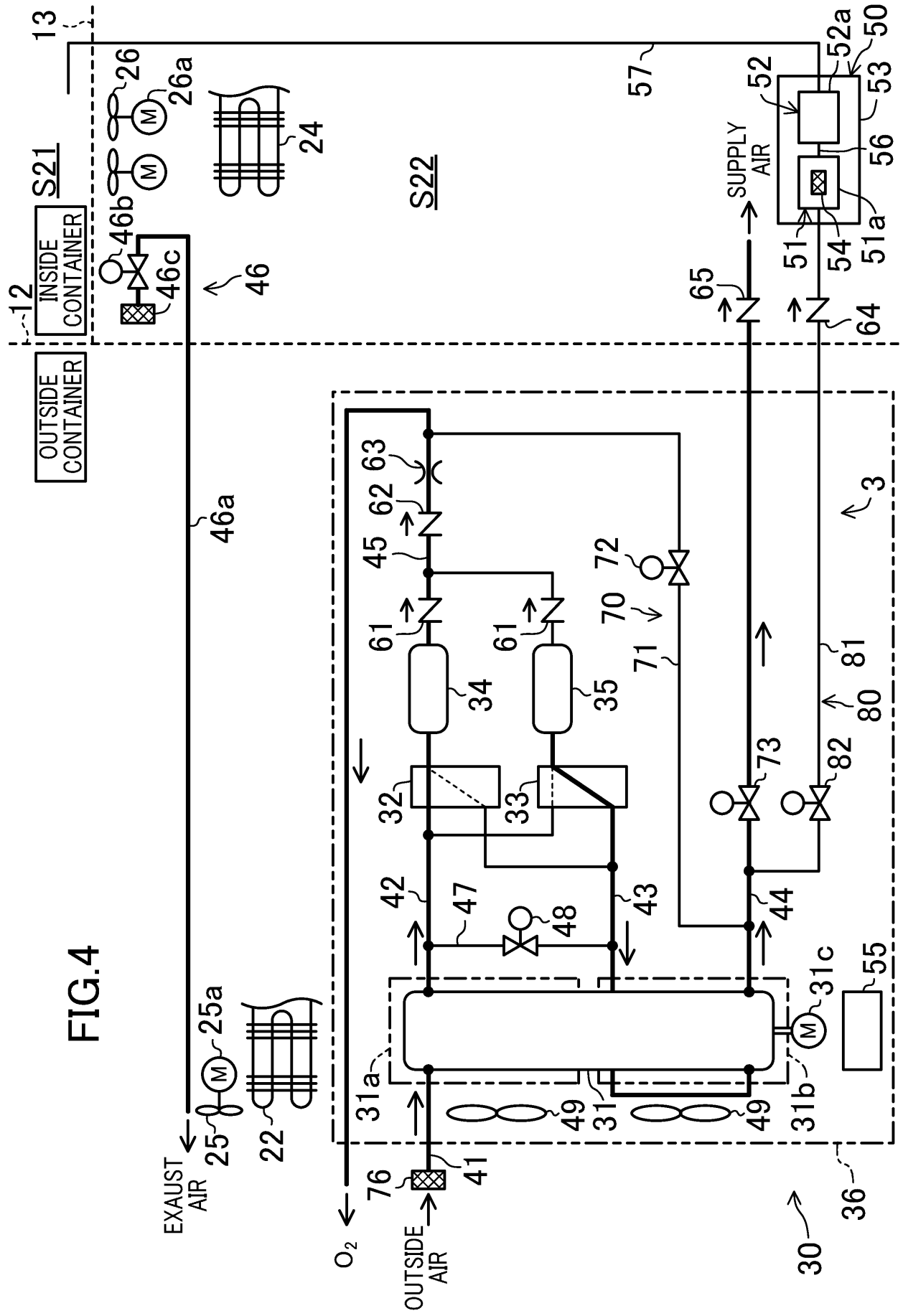
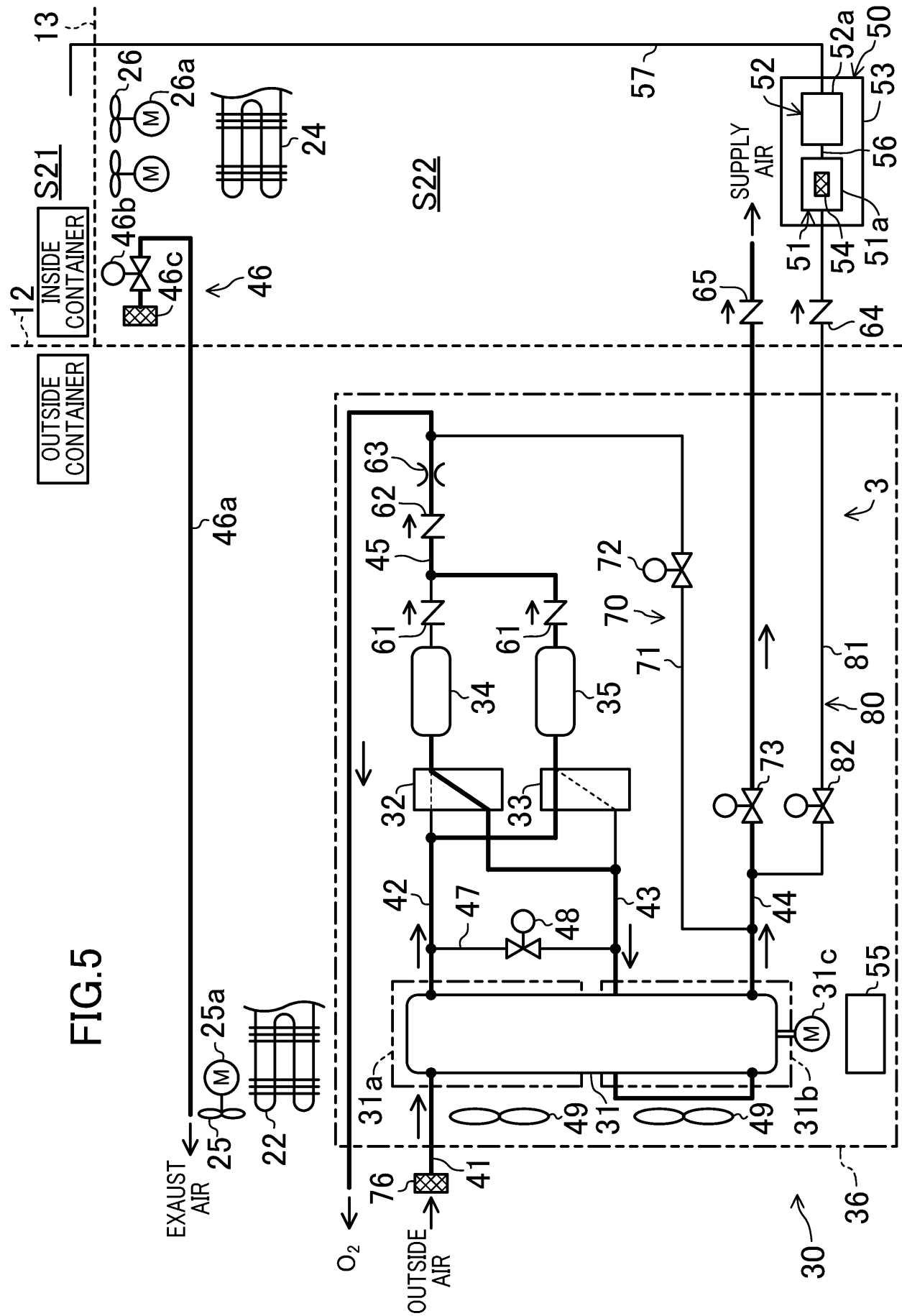
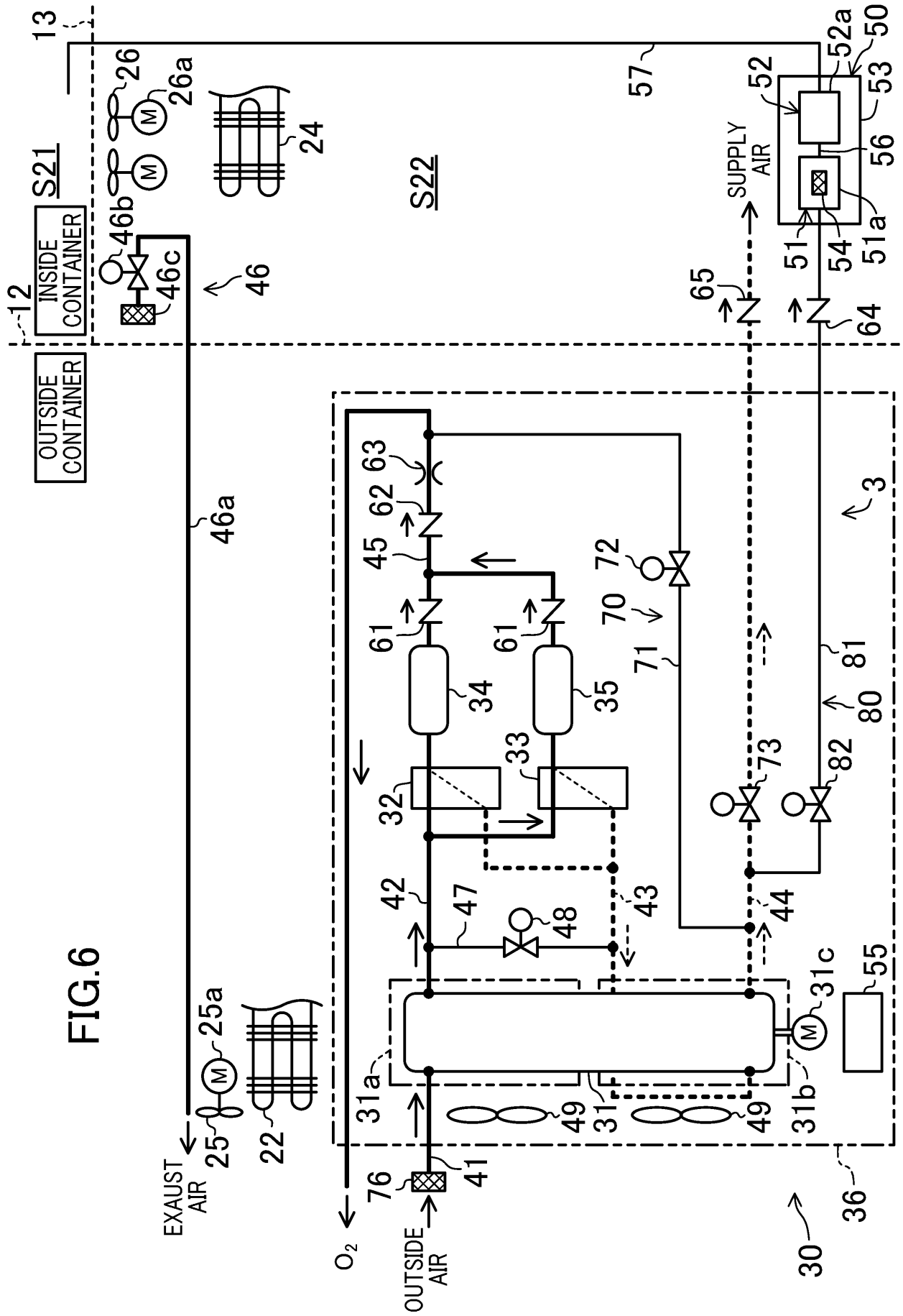


FIG.3









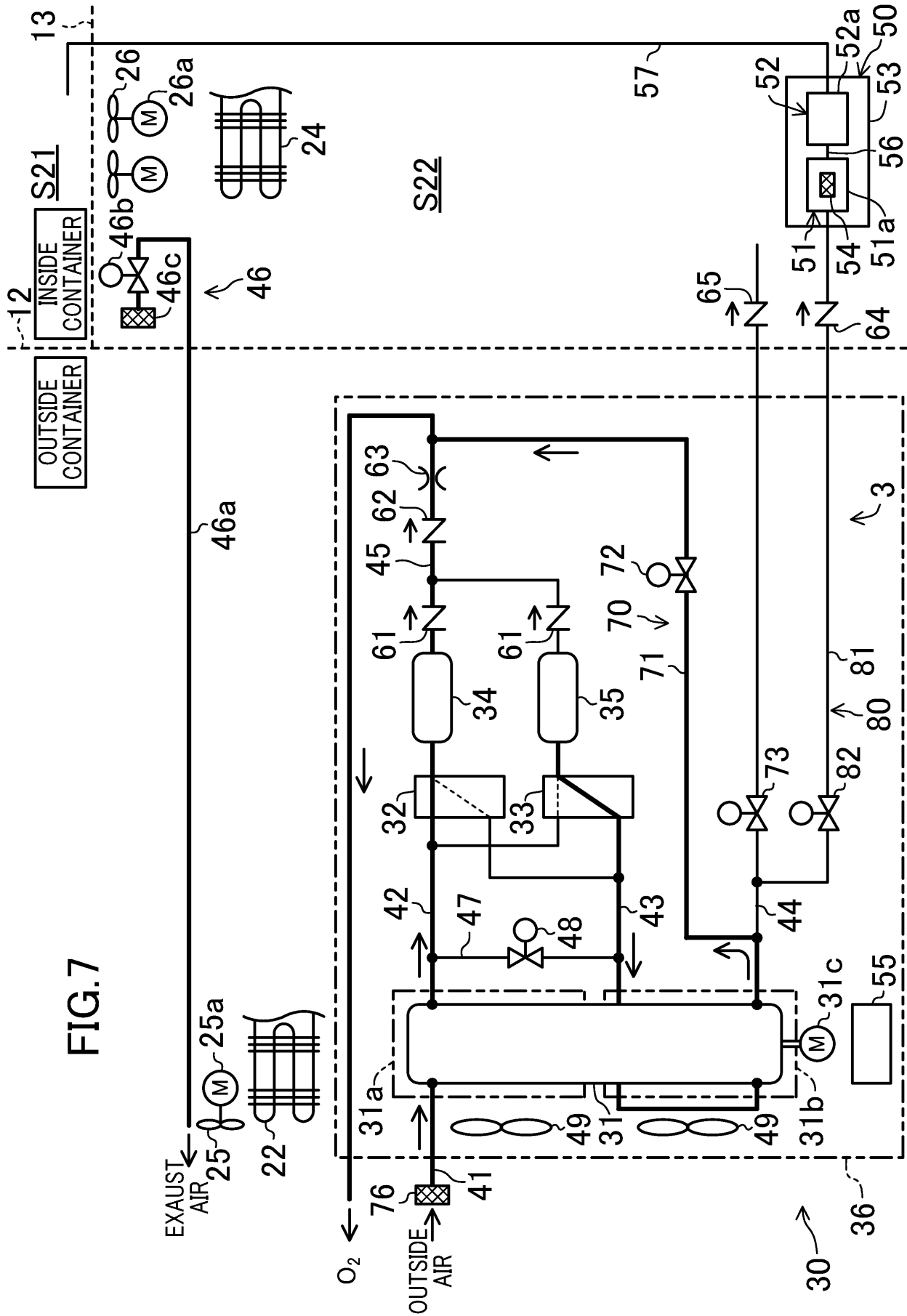


FIG.9

TIME POINTS AT WHICH VALVE SWITCHES AND STATE OF ABSORPTION COLUMN

OPERATION	FIRST OPERATION	PRESSURE EQUALIZATION OPERATION	SECOND OPERATION	PRESSURE EQUALIZATION OPERATION
FIRST DIRECTIONAL CONTROL VALVE	FIRST STATE		SECOND STATE	FIRST STATE
SECOND DIRECTIONAL CONTROL VALVE	FIRST STATE		SECOND STATE	
FIRST ADSORPTION COLUMN	PRESSURIZATION/ADSORPTION	PRESSURIZATION/ ADSORPTION	DEPRESSURIZATION/DESORPTION	PRESSURIZATION/ ADSORPTION
SECOND ADSORPTION COLUMN	DEPRESSURIZATION/DESORPTION	PRESSURIZATION/ ADSORPTION	PRESSURIZATION/ADSORPTION	PRESSURIZATION/ ADSORPTION

FIG.10

FIRST OPERATION MODE(→8%)

OPERATION	FIRST OPERATION	PRESSURE EQUALIZATION OPERATION	SECOND OPERATION	PRESSURE EQUALIZATION OPERATION
EXHAUST OPEN/ CLOSE VALVE		CLOSED		
SUPPLY OPEN/ CLOSE VALVE		OPEN		
NITROGEN- ENRICHED AIR		SUPPLIED		

FIG.11

SECOND OPERATION MODE(8%→5%)

OPERATION	FIRST OPERATION		PRESSURE EQUALIZATION OPERATION	SECOND OPERATION		PRESSURE EQUALIZATION OPERATION
	OPEN	CLOSED		OPEN	CLOSED	
EXHAUST OPEN/ CLOSE VALVE						
SUPPLY OPEN/ CLOSE VALVE						
NITROGEN- ENRICHED AIR	EXHAUSTED	SUPPLIED		EXHAUSTED	SUPPLIED	

FIG.12

