

FIG. 1

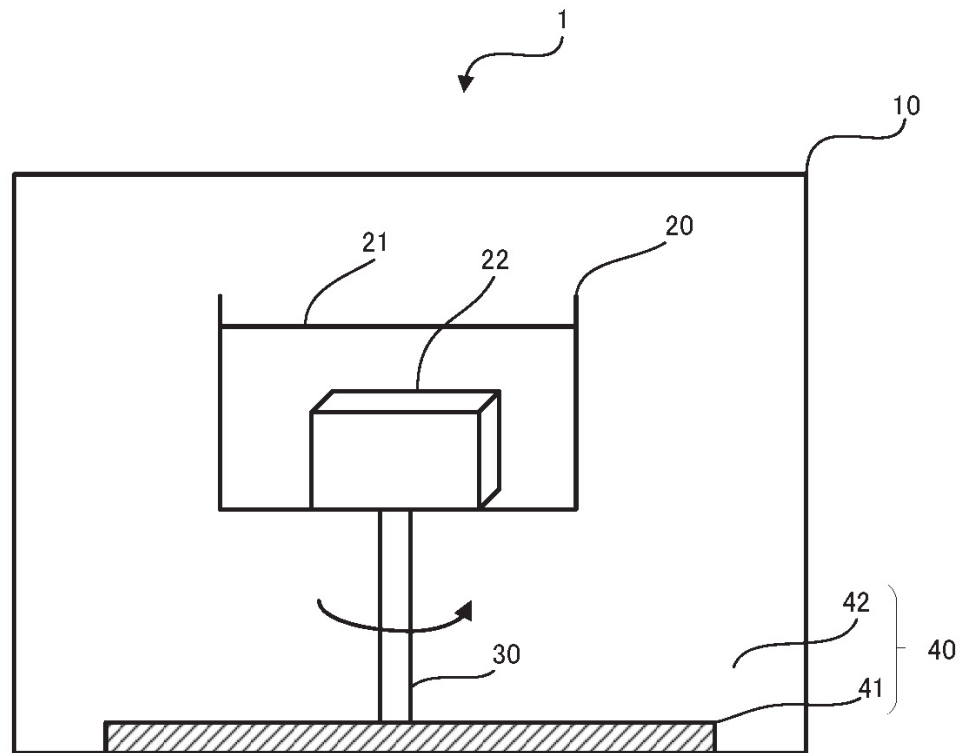


FIG. 2

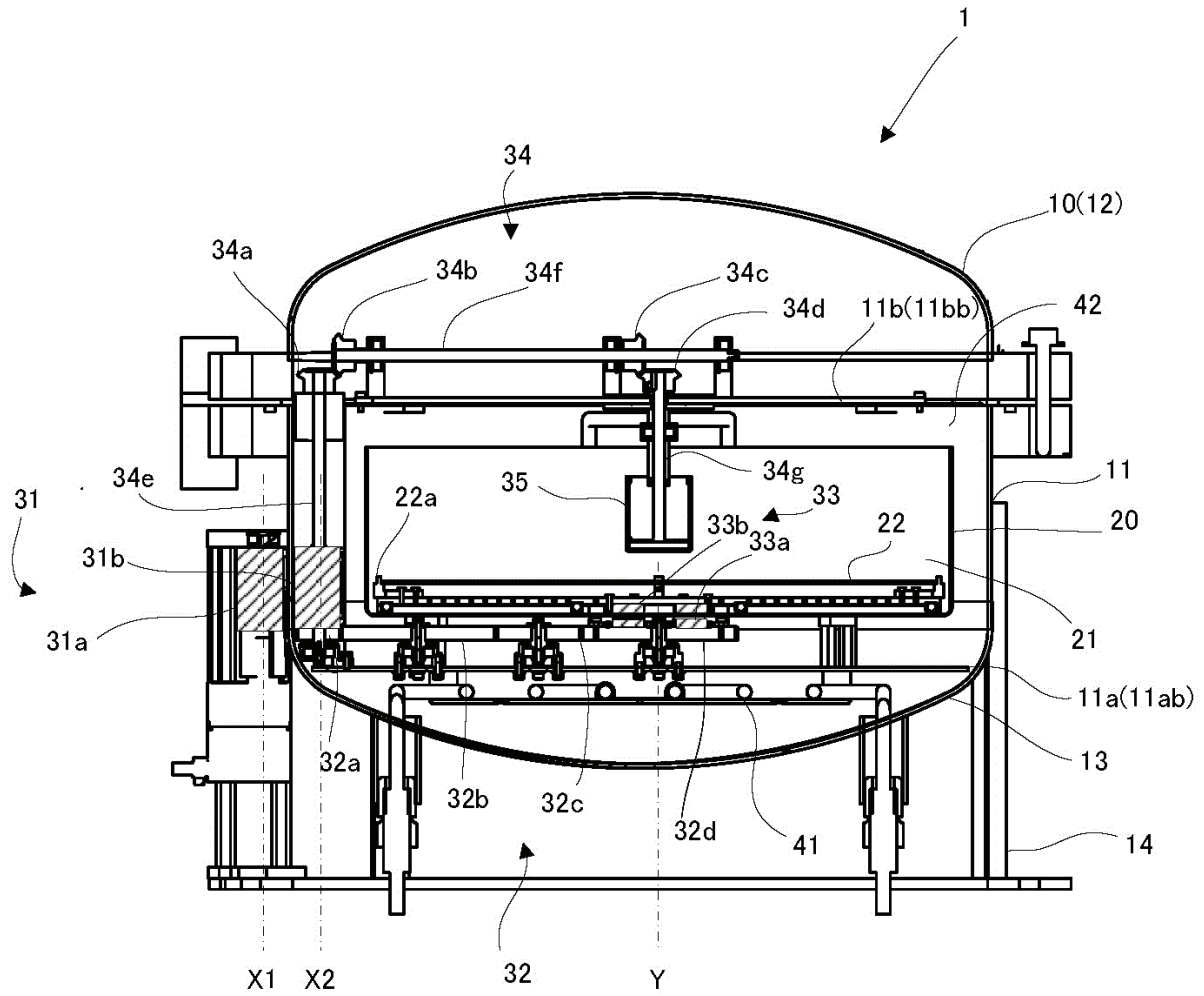


FIG. 3

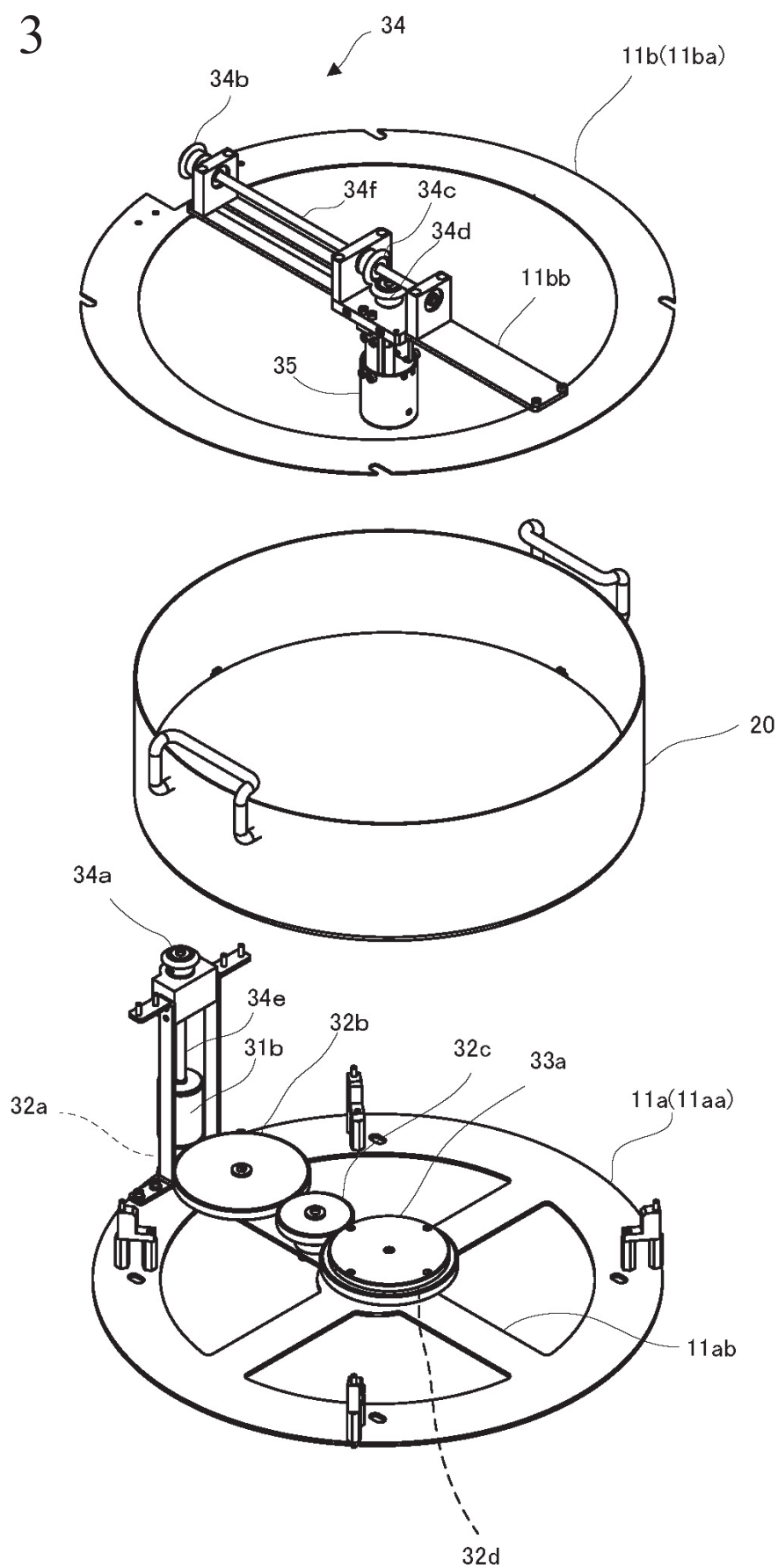


FIG. 4A

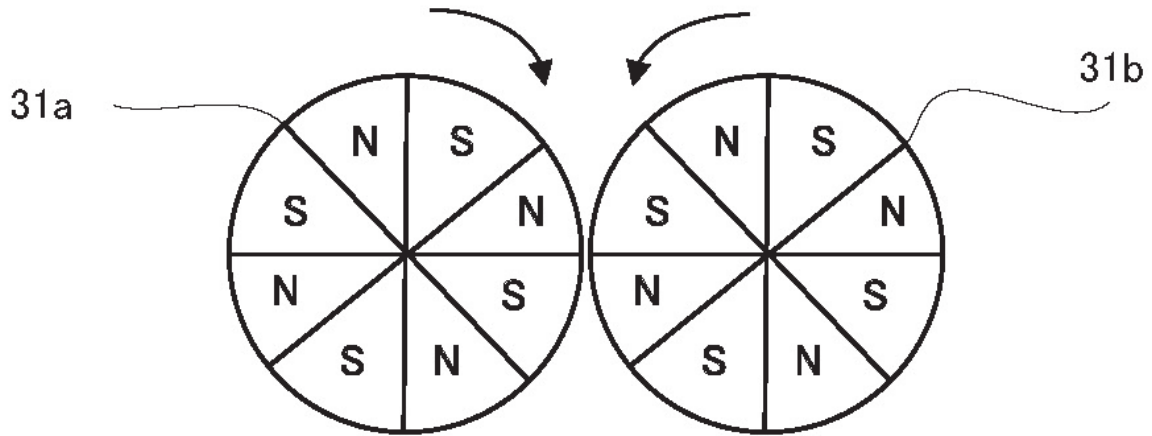


FIG. 4B

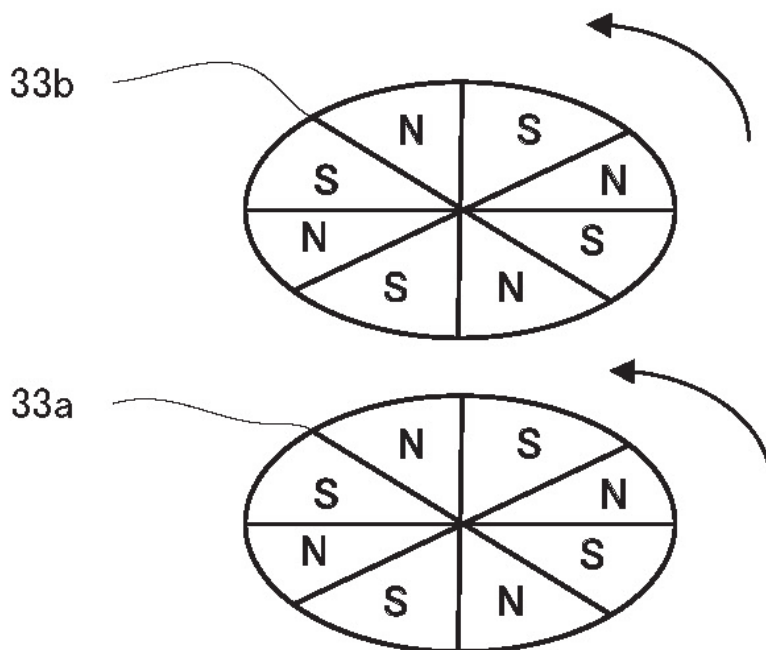


FIG. 5

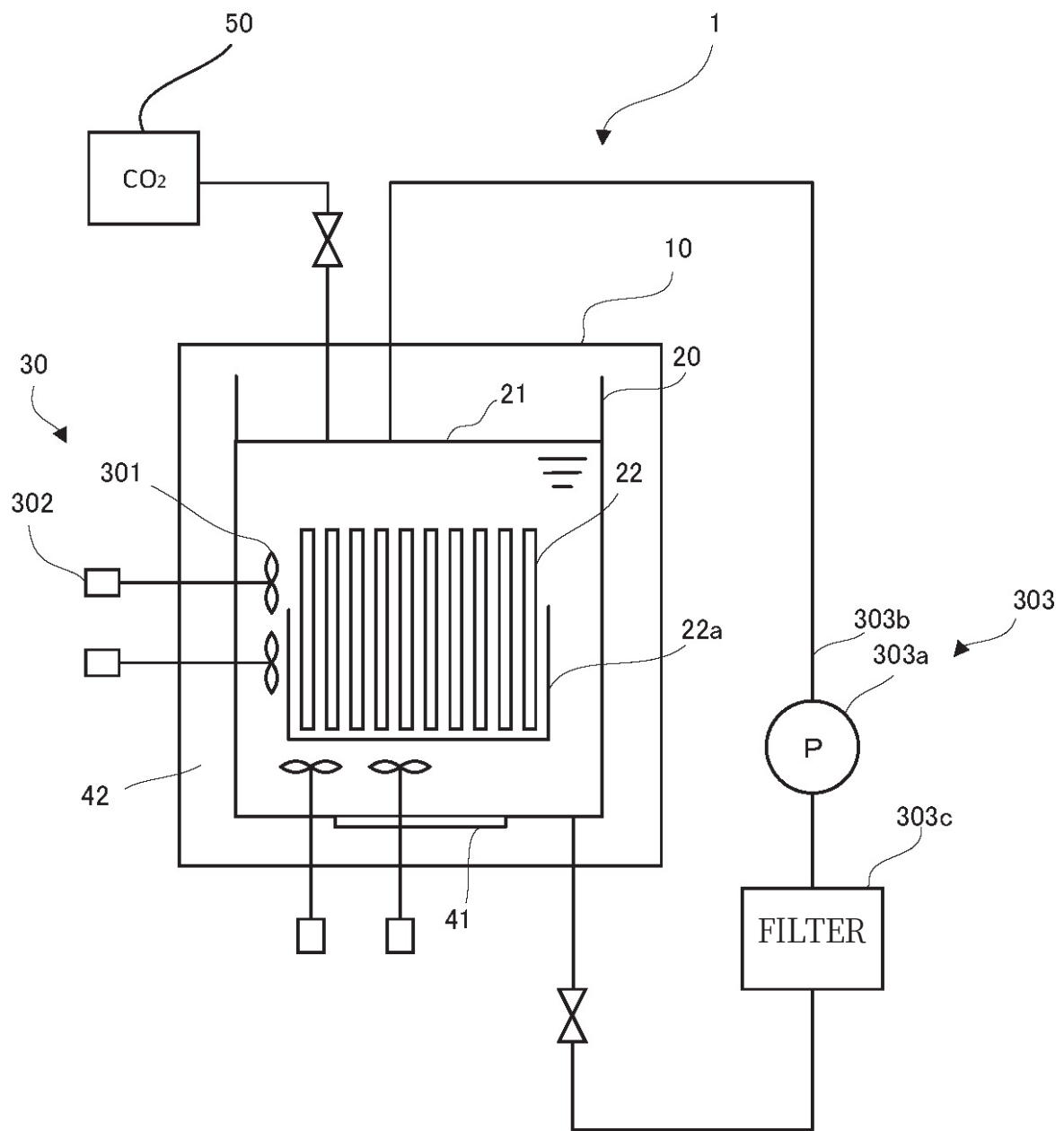


FIG. 6A

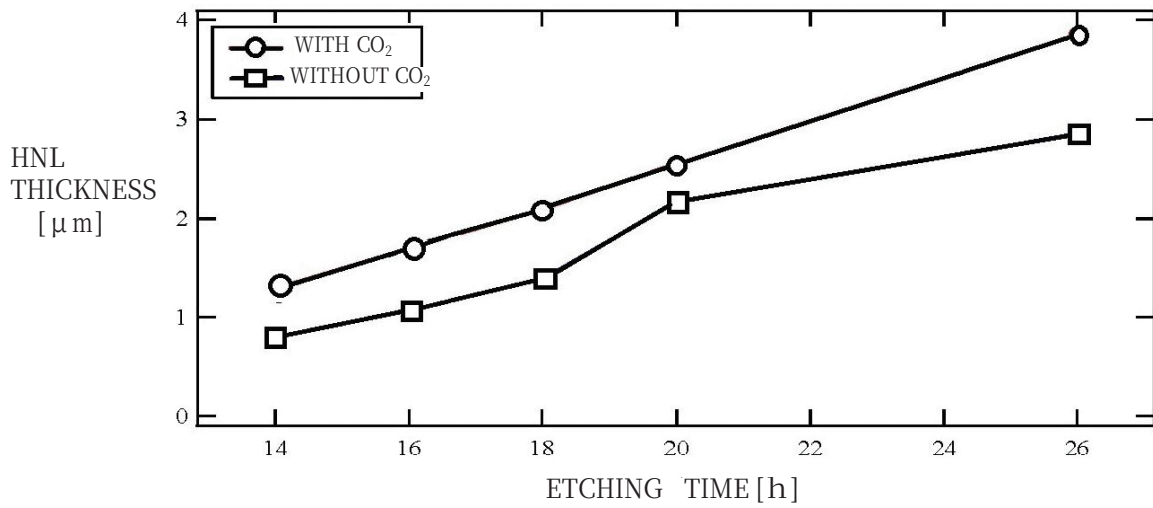


FIG. 6B

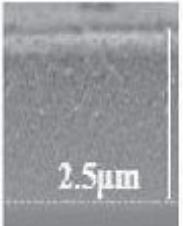
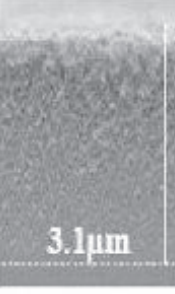
CO ₂ CONCENTRATION	0%	30%	60%	100%
TREATMENT TIME	24h	24h	24h	16h
SEM IMAGE	 1.5 μm	 2.5 μm	 3.0 μm	 3.1 μm

FIG. 7

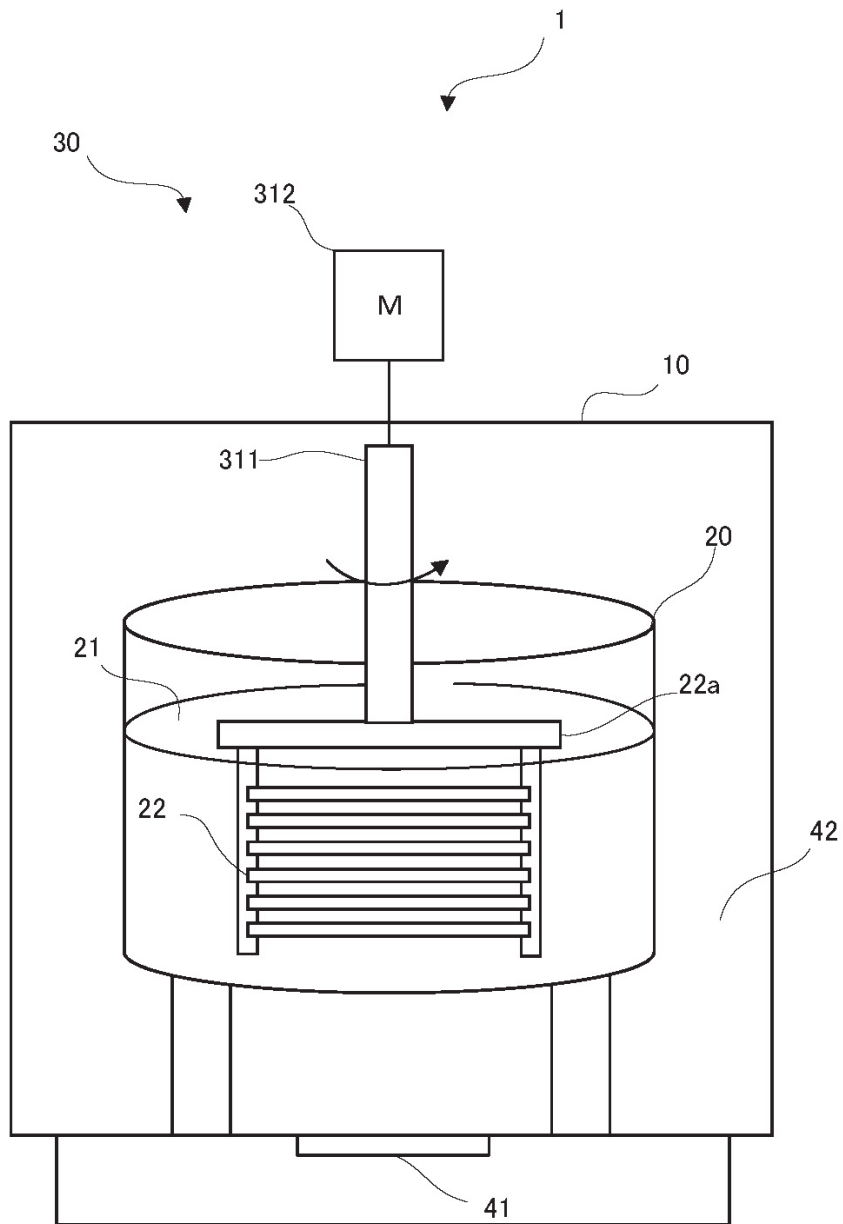


FIG. 8

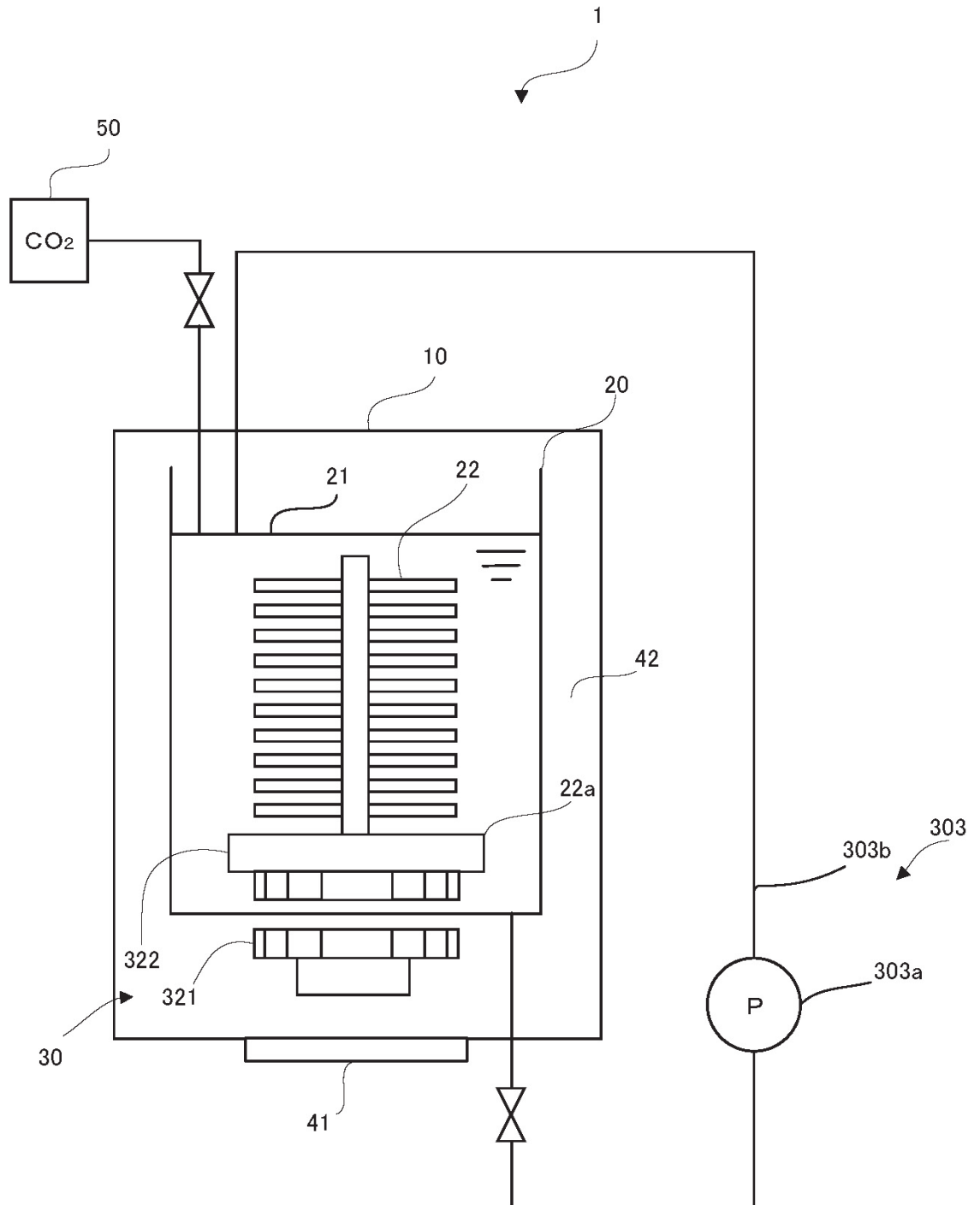


FIG. 9

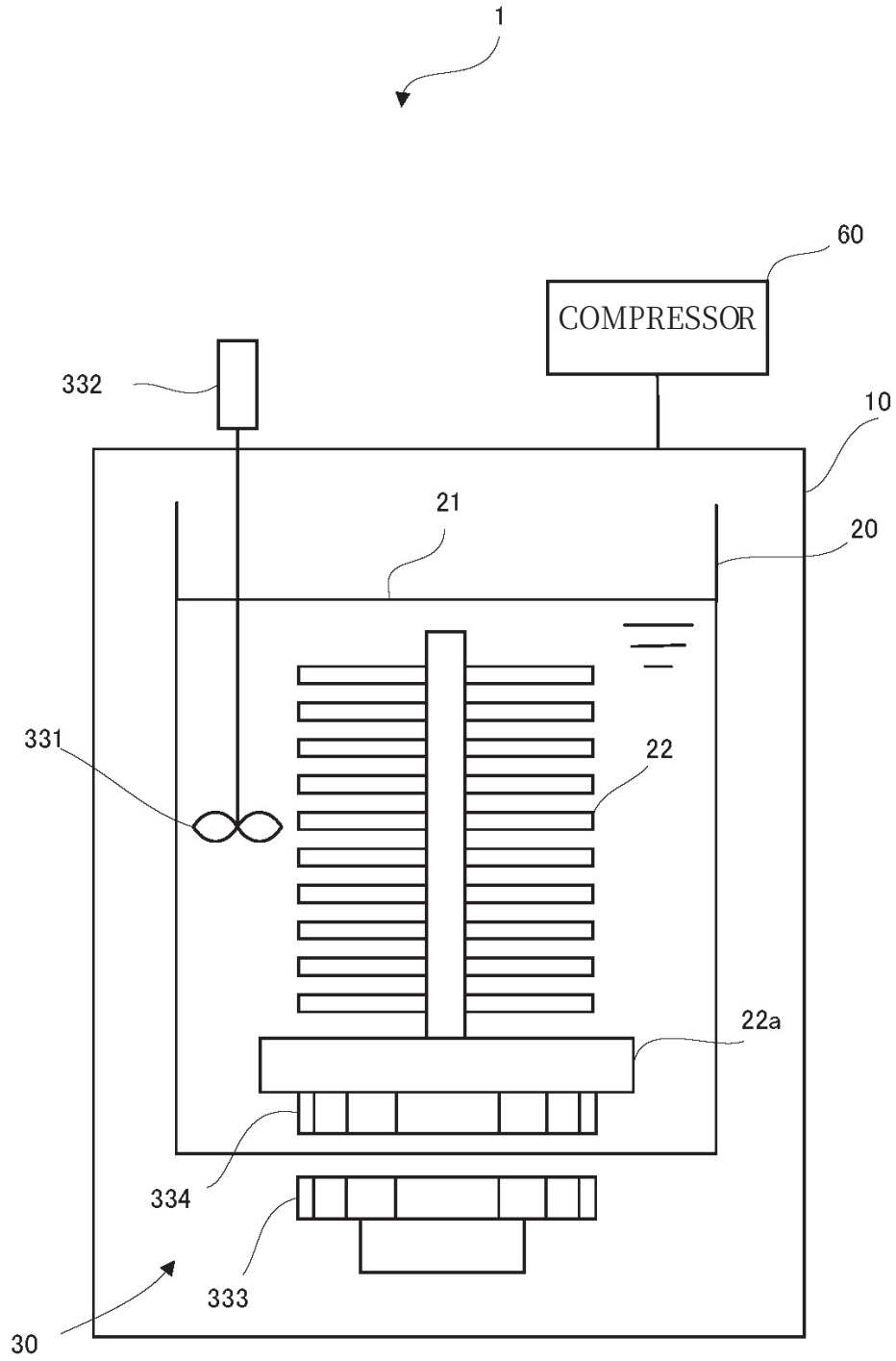


FIG. 10

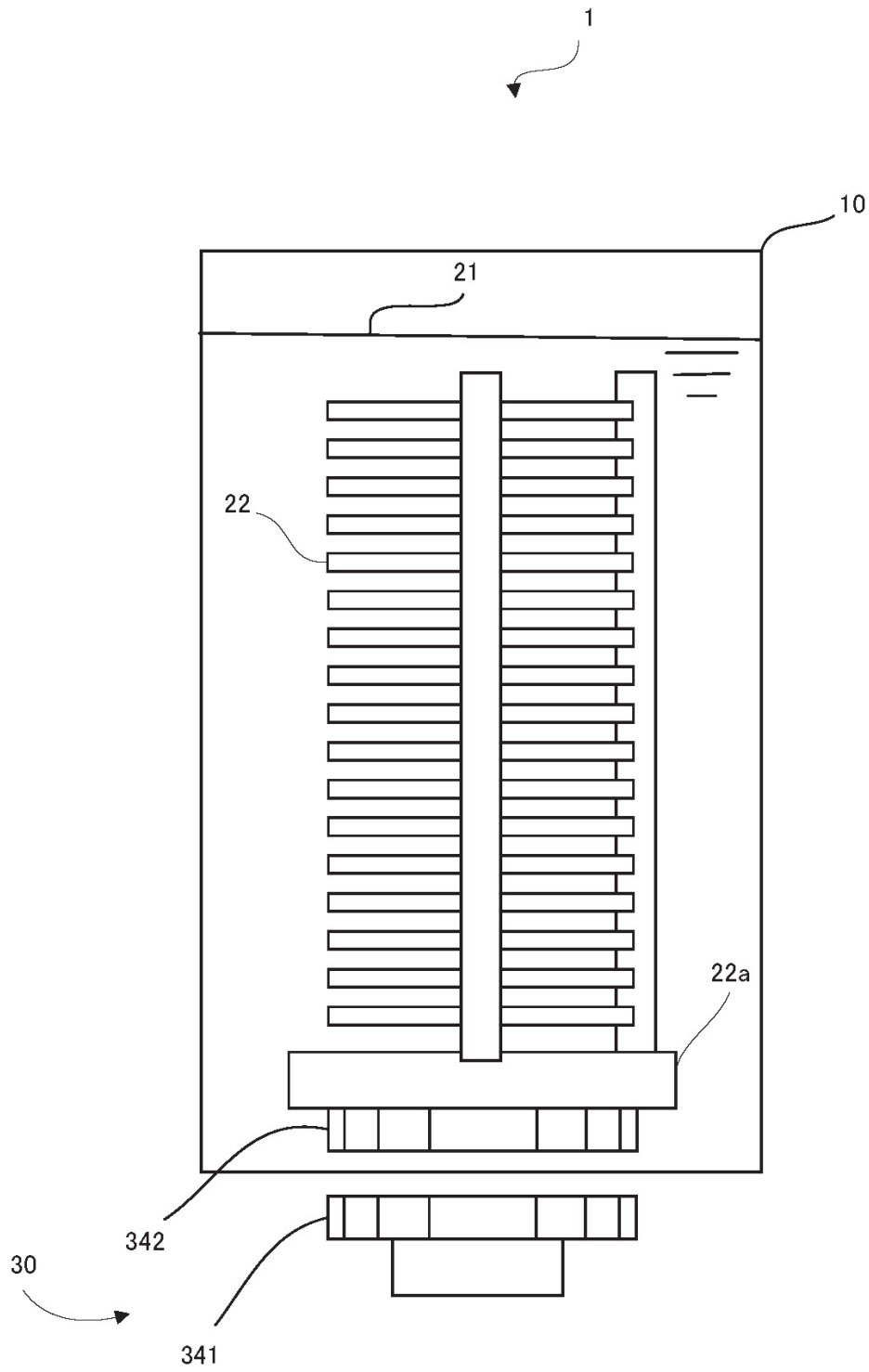


FIG. 11A

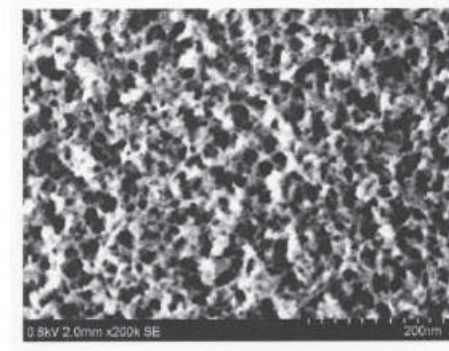
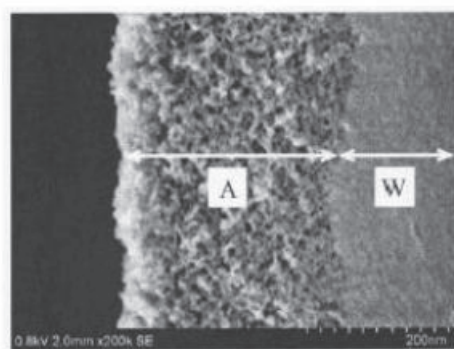


FIG. 11B



NET-LIKE
STRUCTURE
LAYER

GLASS BASE
MATERIAL