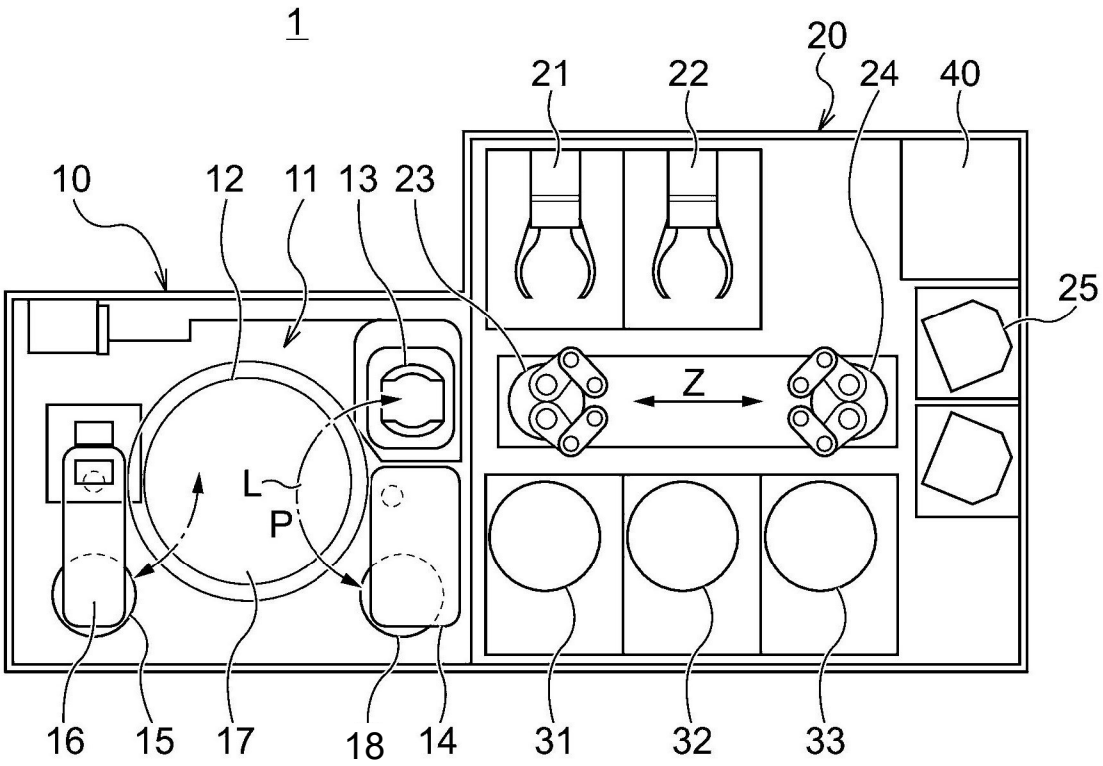

1
20
21
22
24
40
10
12
11
13
23
25
Z
L
P
16
15
17
18
14
31
32
33

FIG. 1

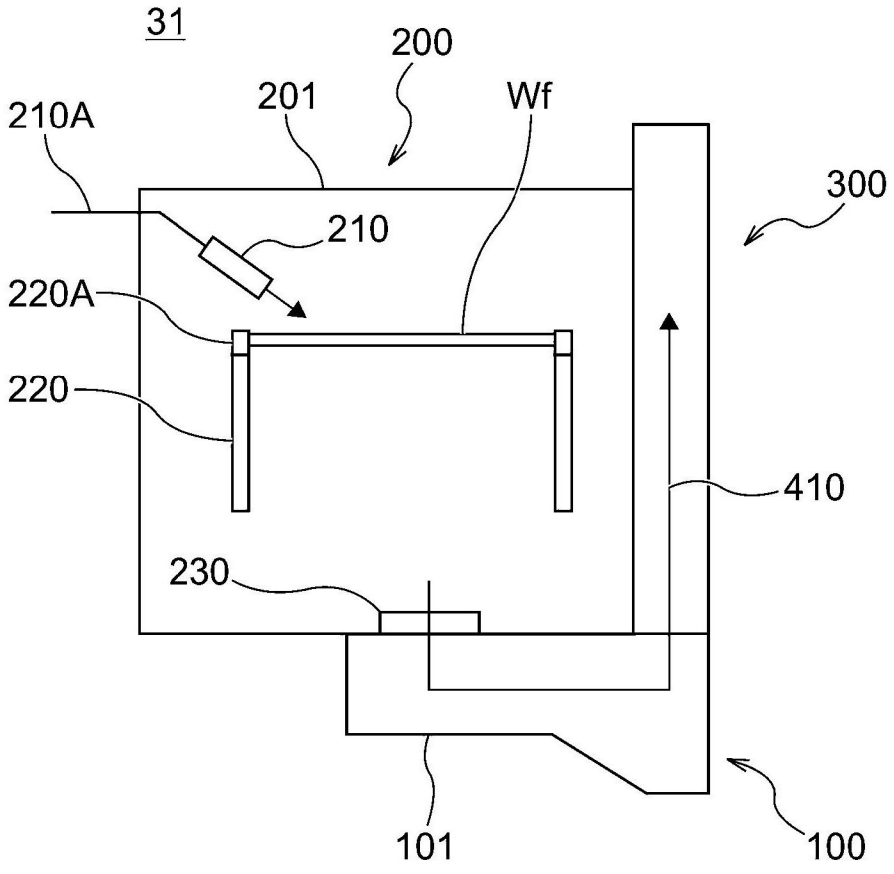

31
200
201
Wf
210A
300
210
220A
220
410
230
101
100

FIG. 2A

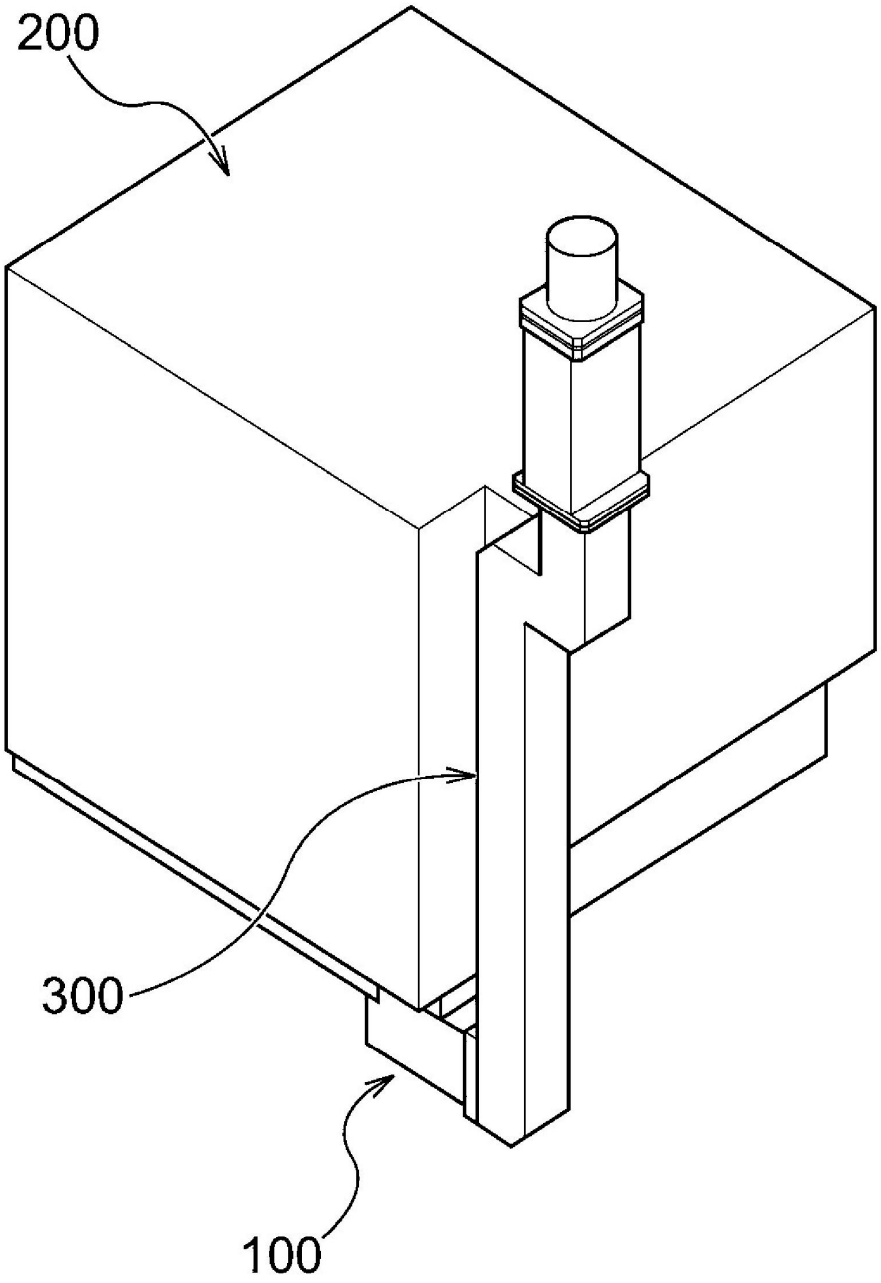


FIG.2B

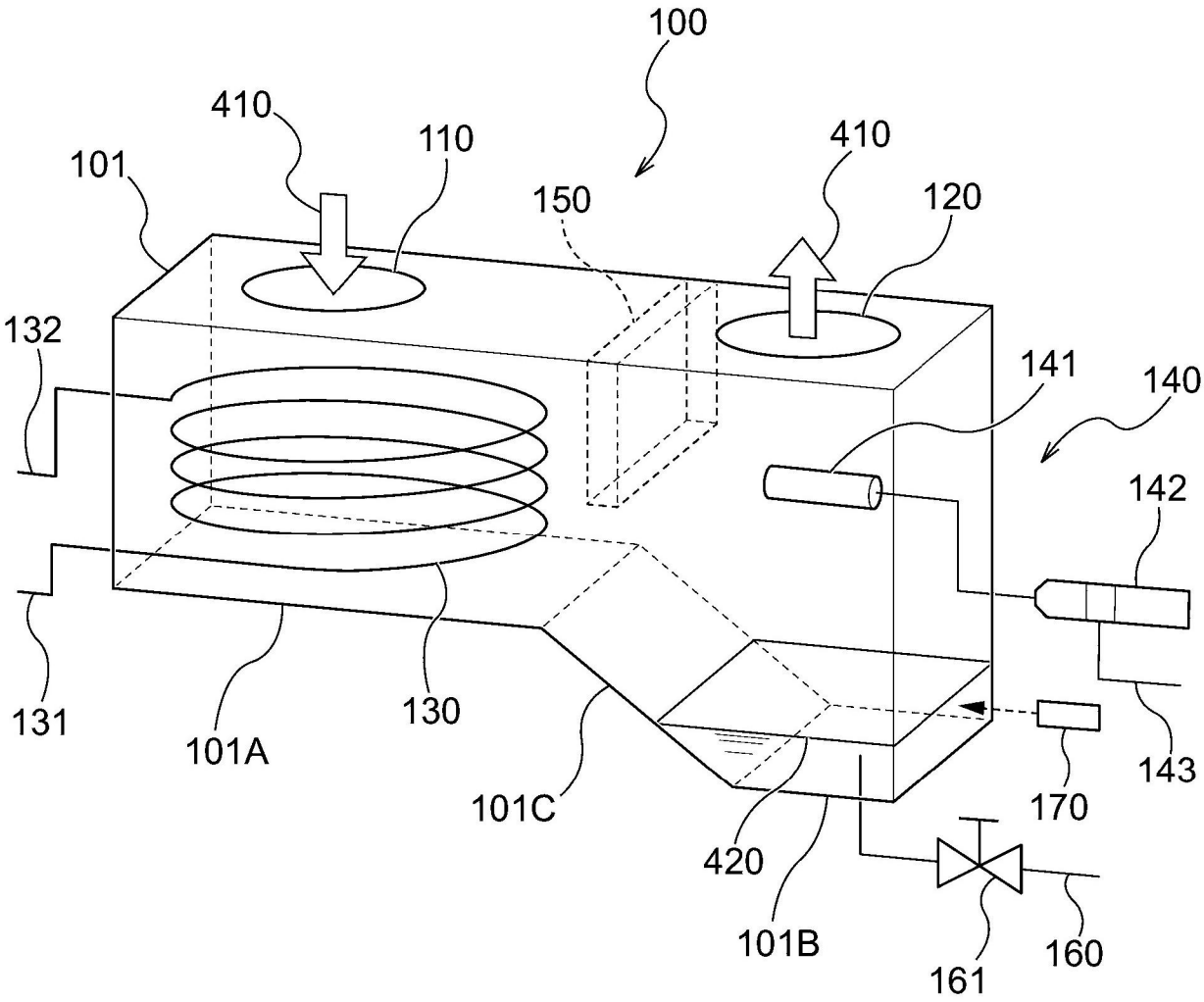

100
410
110
101
150
410
120
132
141
140
142
131
101A
130
101C
420
101B
161
160
170
143

FIG. 3

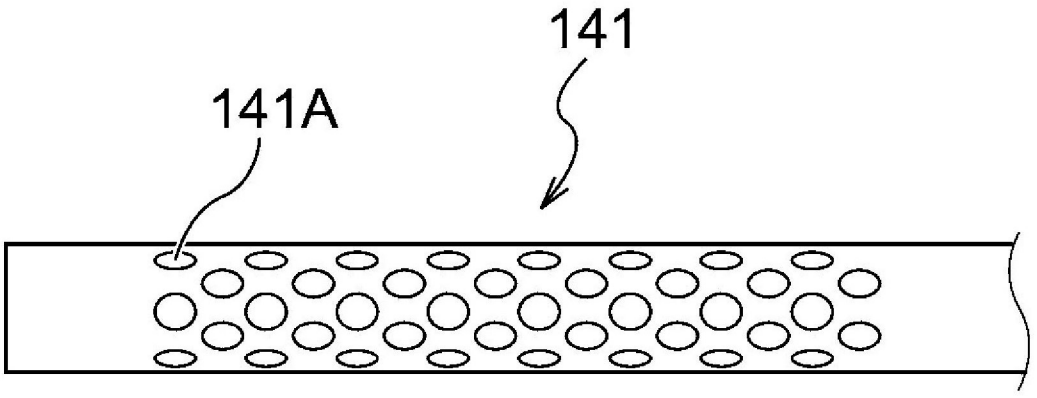

141
141A

FIG. 4A

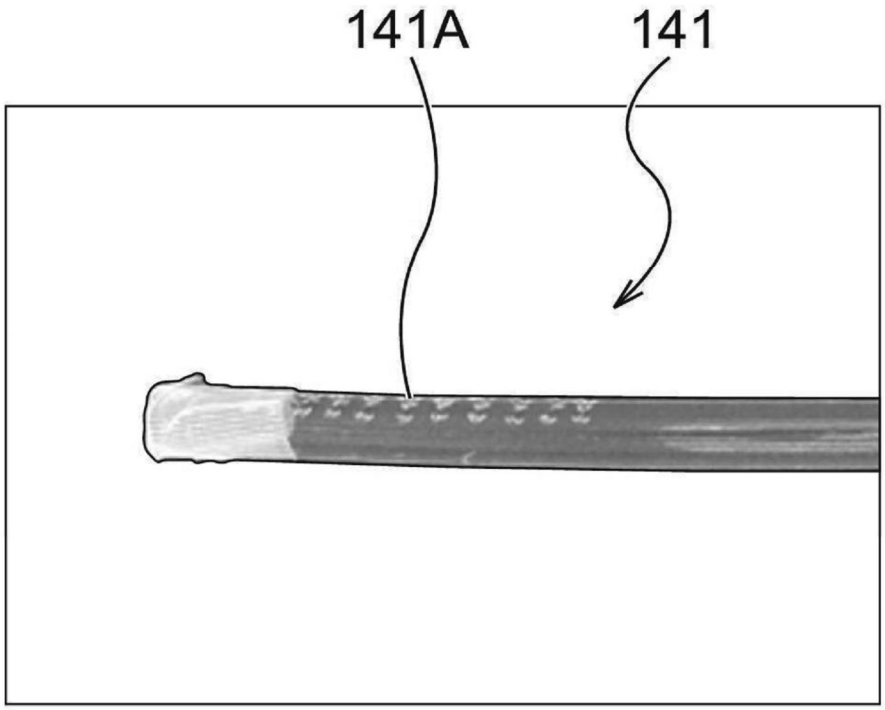


FIG. 4B

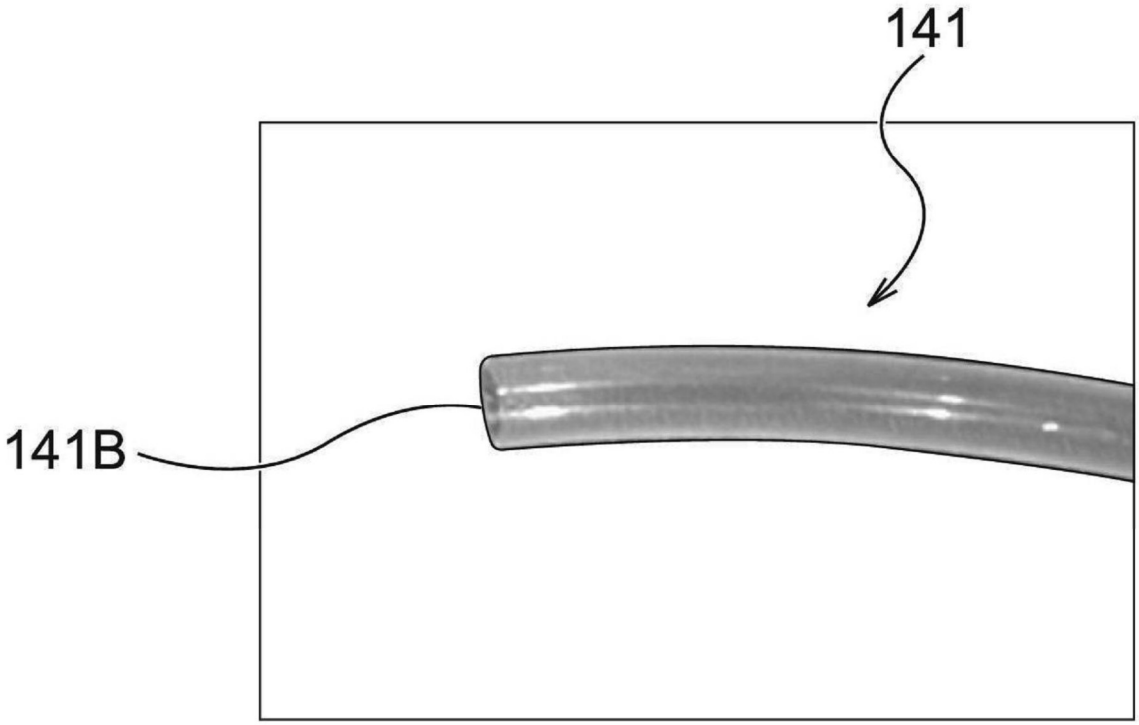


FIG. 4C

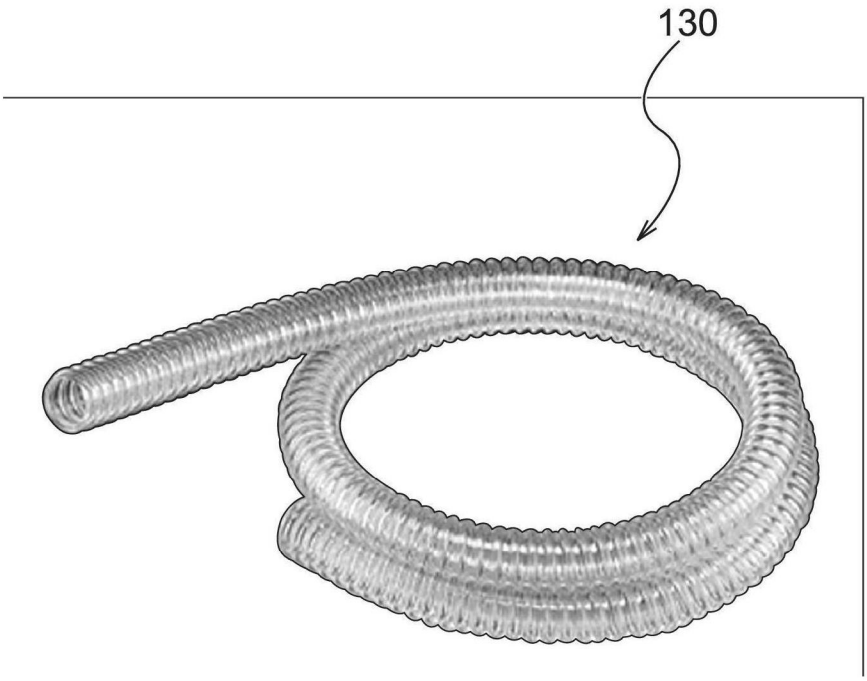


FIG. 5

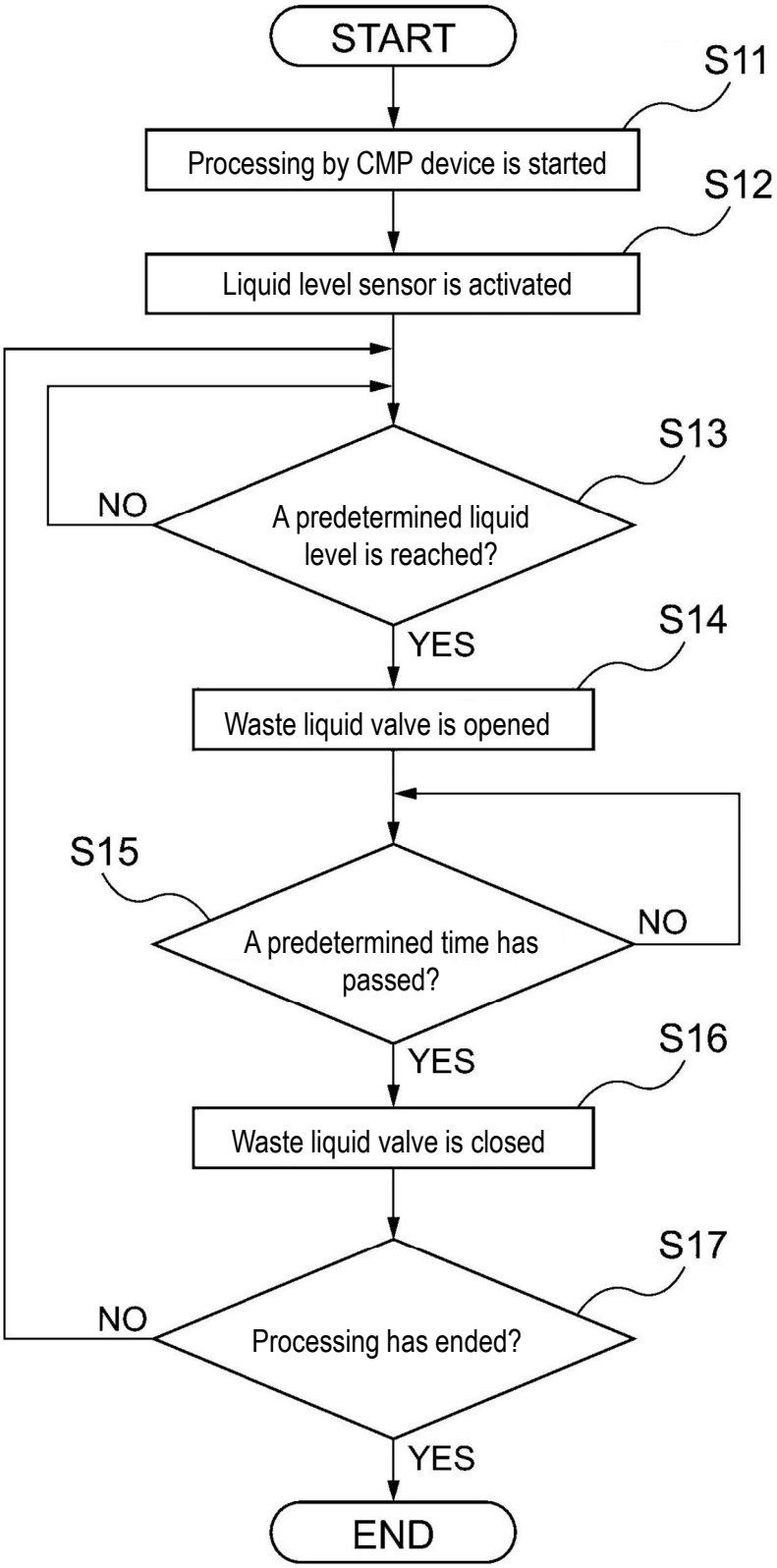

START
S11
Processing by CMP device is started
S12
Liquid level sensor is activated
S13
NO
A predetermined liquid level is reached?
YES
S14
Waste liquid valve is opened
S15
A predetermined time has passed?
NO
YES
S16
Waste liquid valve is closed
S17
NO
Processing has ended?
YES
END

FIG. 6

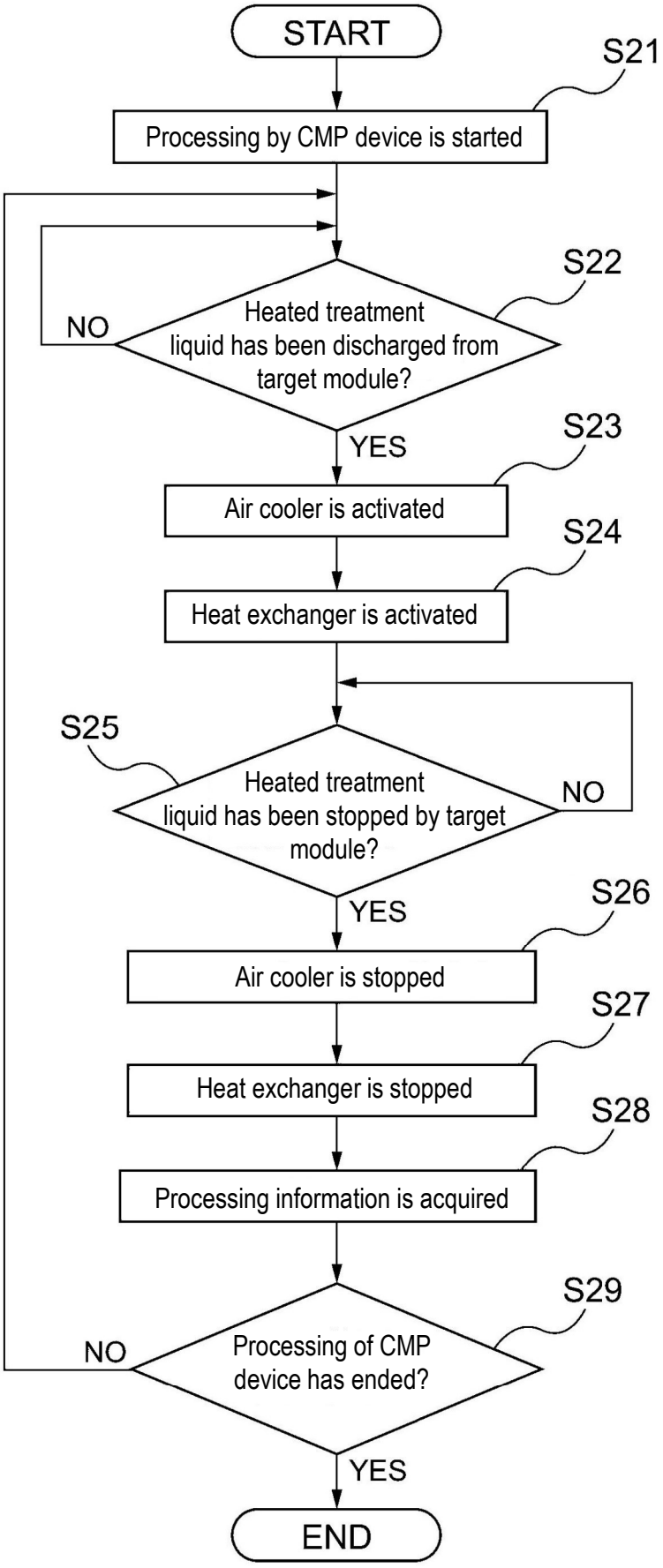

START
S21
Processing by CMP device is started
S22
Heated treatment liquid has been discharged from target module?
NO
YES
S23
Air cooler is activated
S24
Heat exchanger is activated
S25
Heated treatment liquid has been stopped by target module?
NO
YES
S26
Air cooler is stopped
S27
Heat exchanger is stopped
S28
Processing information is acquired
S29
Processing of CMP device has ended?
NO
YES
END

FIG. 7

Item	Step 1	Step 2	・・・	Step 4
Process	DIW rinse	Chemical solution rinse	・・・	DIW rinse
Process time	t1	t2	・・・	t4
・・・	・・・	・・・	・・・	
・・・	・・・	・・・	・・・	
・・・	・・・	・・・	・・・	
heated liquid	N	Y	・・・	Y
Cooling System	invalid	valid	・・・	valid

FIG. 8

		Measures for the cooling system of this embodiment	
		No	Yes
Exhaust duct	Temperature [℃]	33	19
	Humidity [℃]	100	94
	Exhaust speed [m/s]	5.3	5.4

FIG. 9