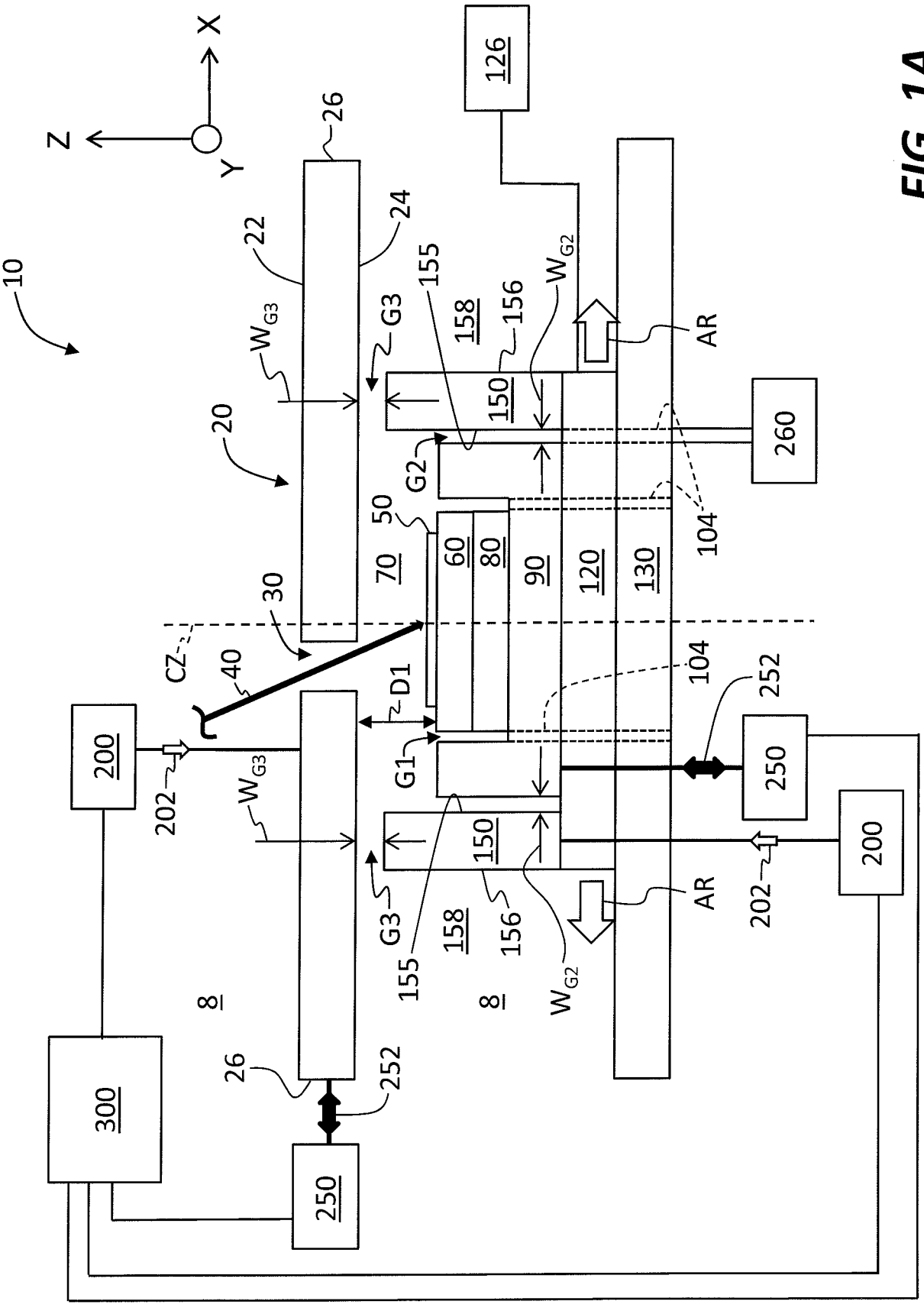
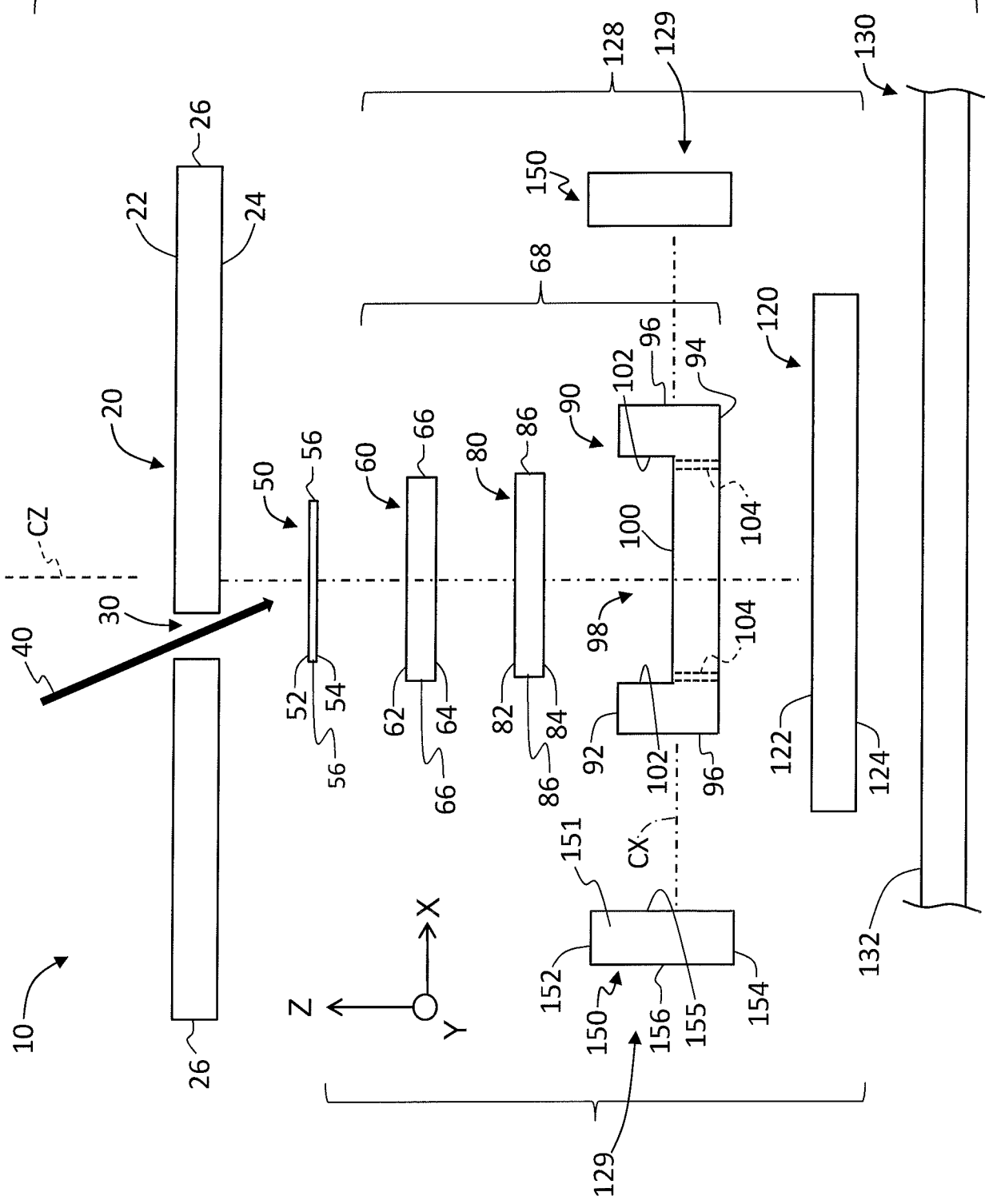

10
X
Z
Y
126
26
22
24
W_{G3}
G3
155
158
156
W_{G2}
AR
20
150
260
G2
50
104
70
60
80
90
120
130
30
CZ
40
D1
104
252
200
202
W_{G3}
G1
250
150
AR
200
202
G3
158
156
155
W_{G2}
8
8
26
252
300
250

FIG. 1A

FIG. 1B


10
20
22
24
26
26
30
40
50
52
54
56
56
60
62
64
66
66
68
80
82
84
86
86
90
92
94
96
96
98
100
102
102
104
104
120
122
124
128
129
129
130
132
150
150
151
152
154
155
156
CX
CZ
X
Y
Z

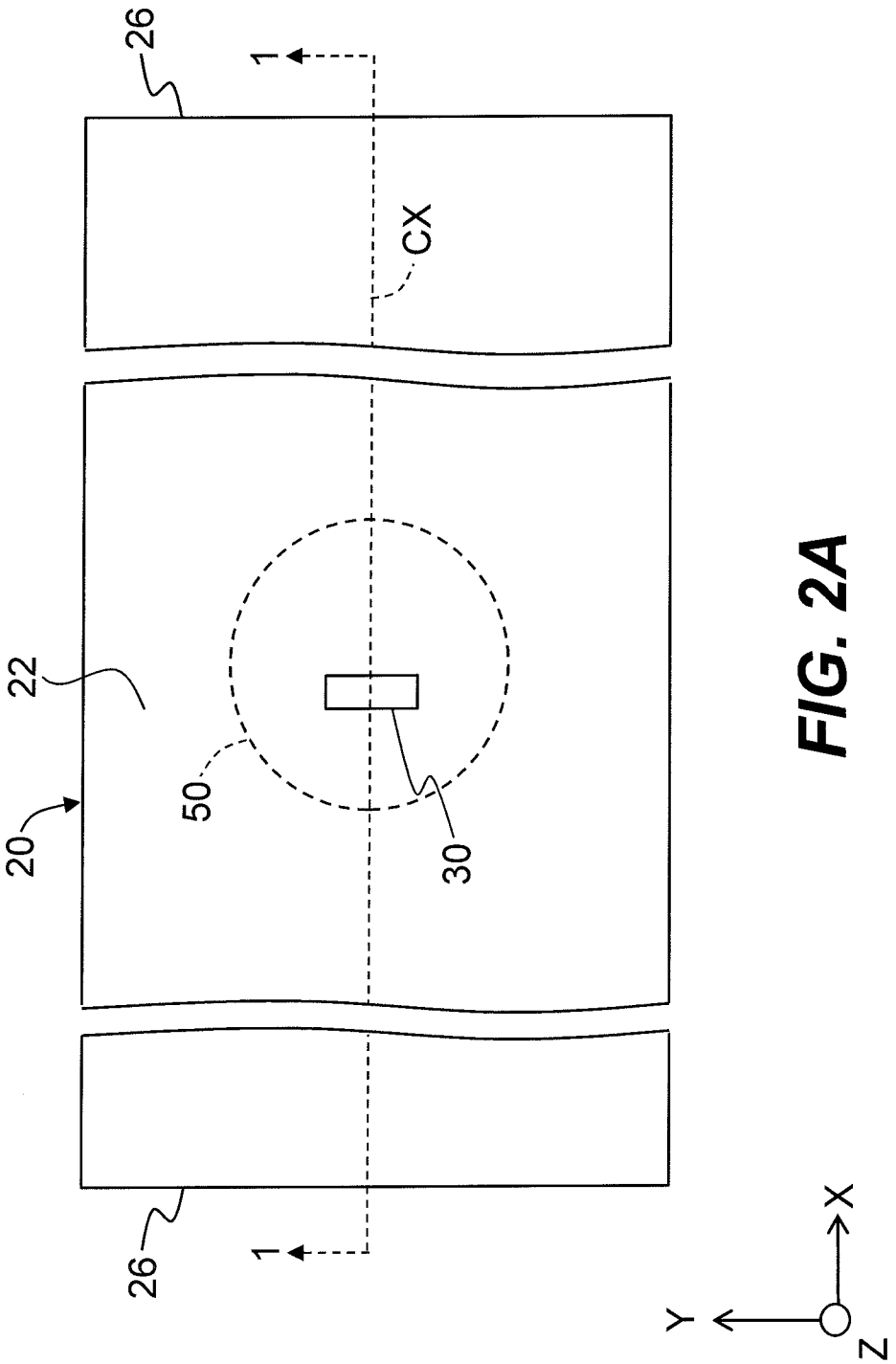


FIG. 2A

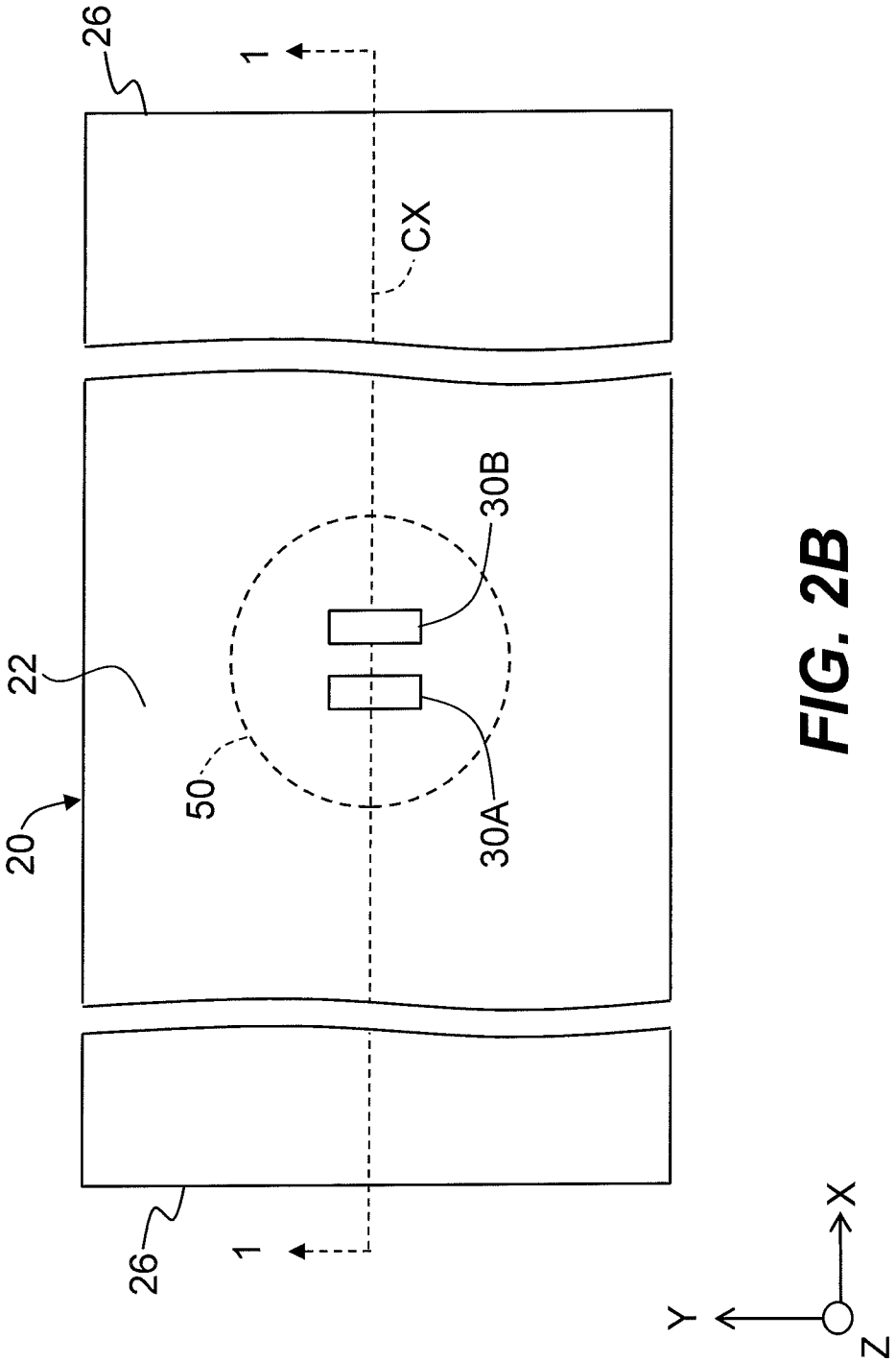


FIG. 2B

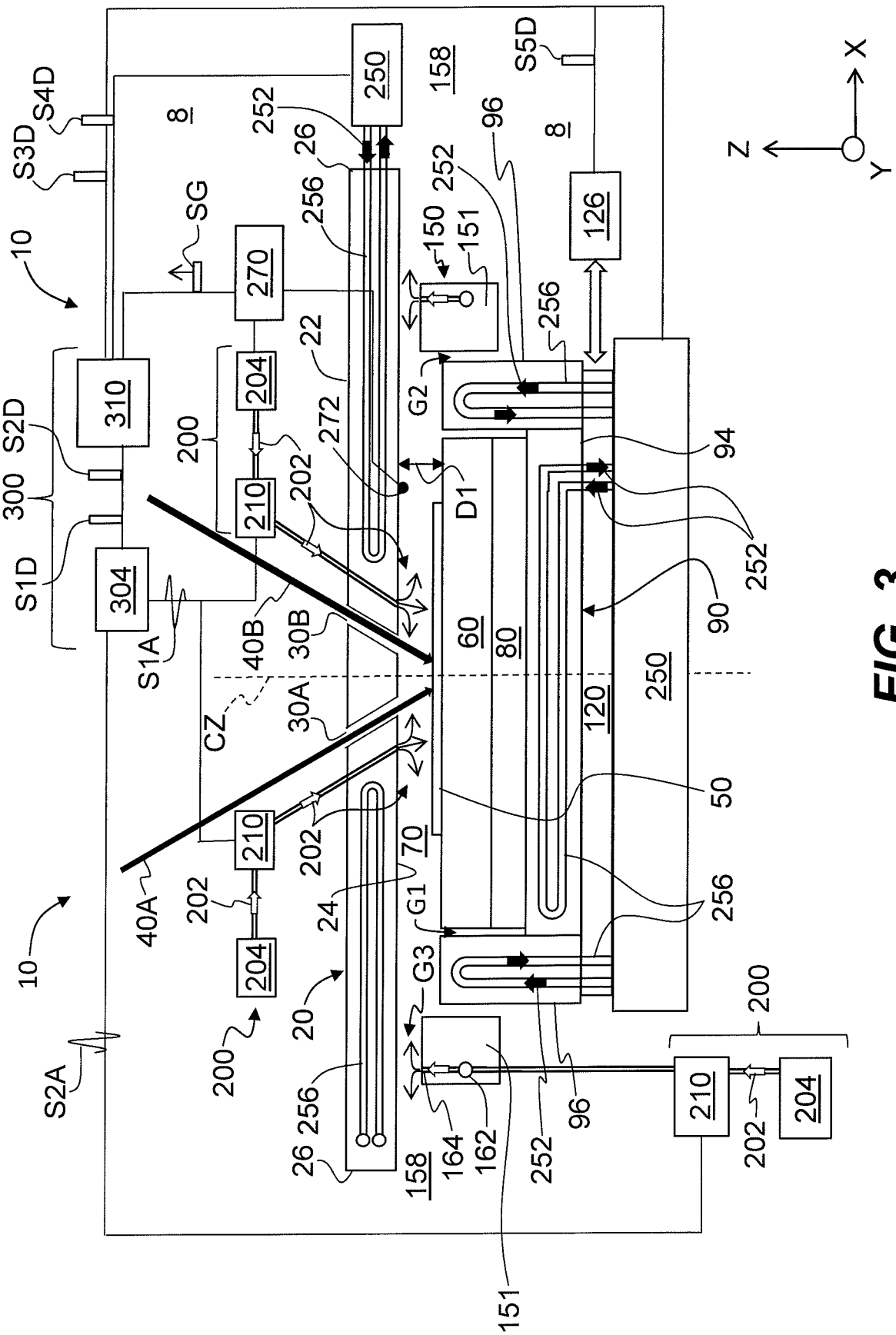

S4D
S3D
S2D
S1D
S1A
S2A
S5D
SG
8
10
300
310
304
270
204
210
200
202
22
272
252
26
256
250
158
150
151
126
96
G2
G1
G3
D1
94
90
60
80
120
50
70
24
20
40A
40B
30A
30B
CZ
164
162
151
X
Y
Z

FIG. 3

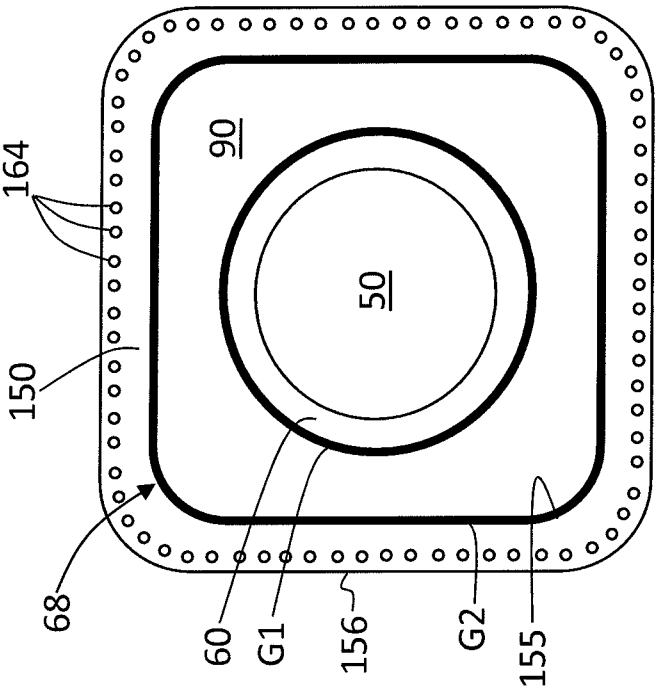


FIG. 4B

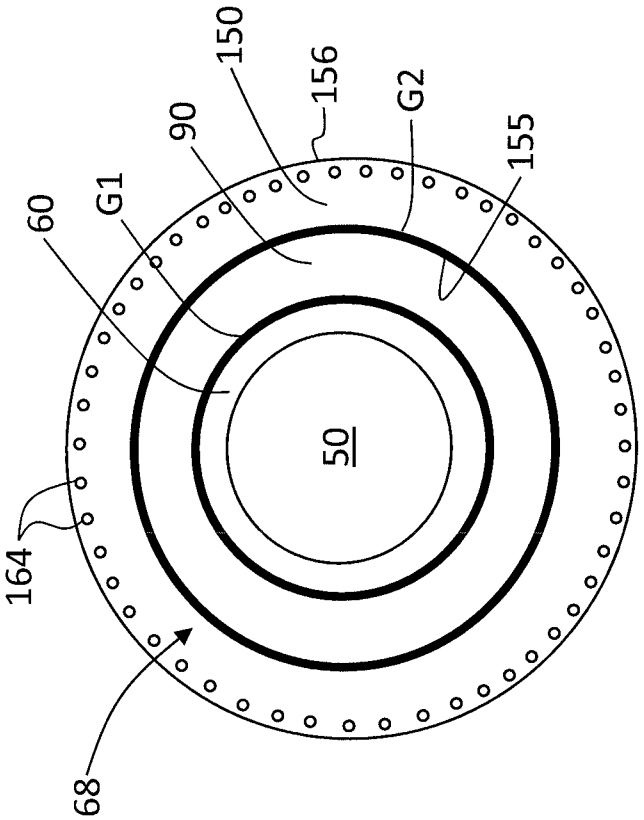


FIG. 4A

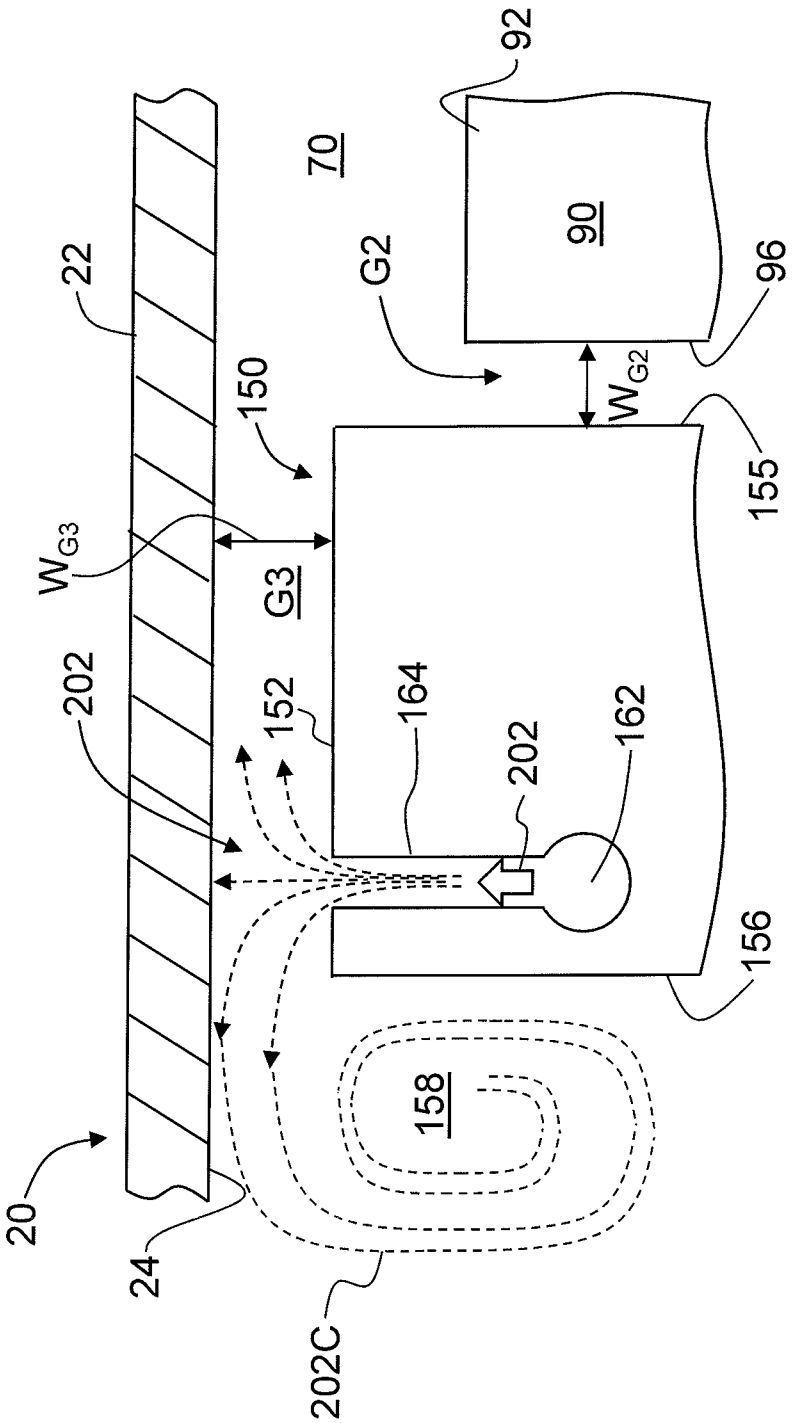

92
70
90
G2
96
22
150
W_{G2}
155
W_{G3}
G3
202
152
164
202
162
156
158
20
24
202C

FIG. 4C

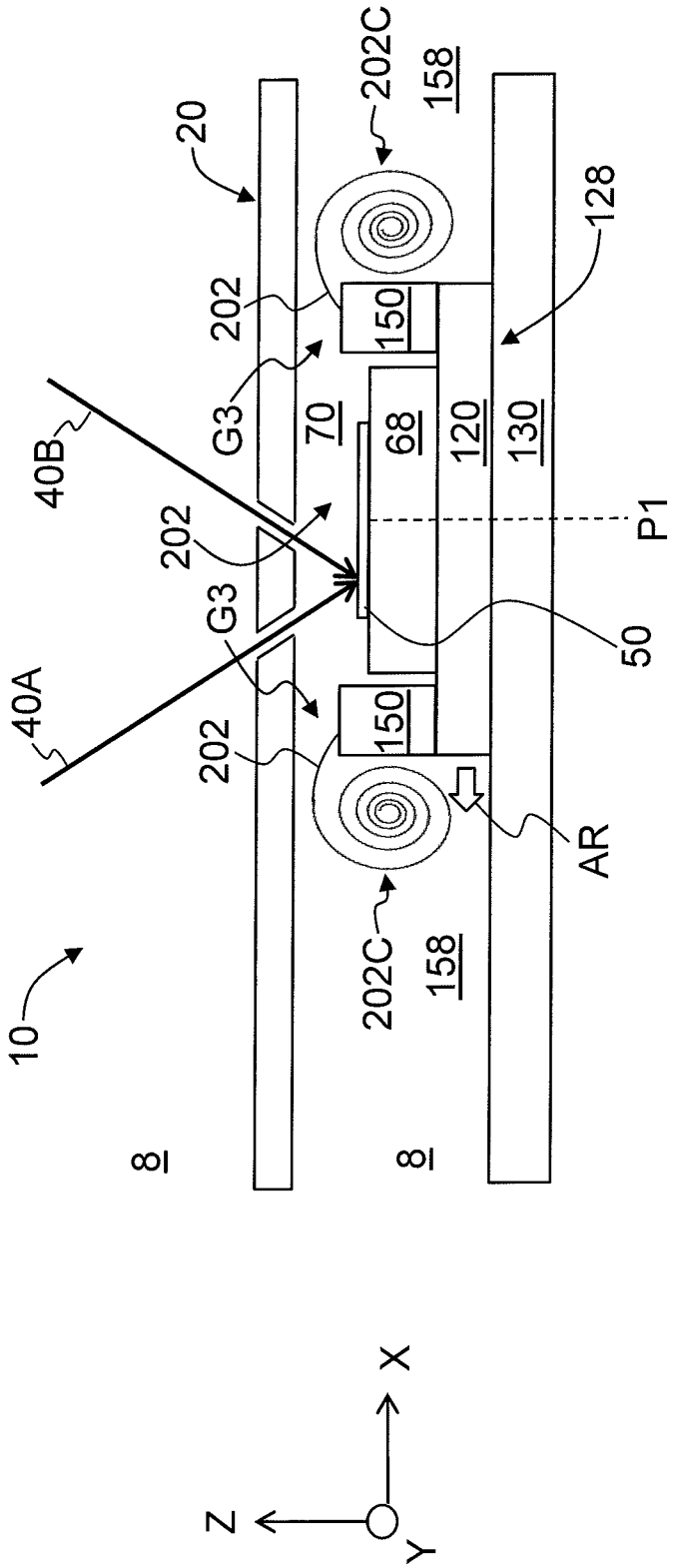

10
20
202C
158
128
202
150
G3
70
68
120
130
40B
P1
202
G3
50
40A
202
150
AR
202C
158
8
8
X
Z
Y

FIG. 5A

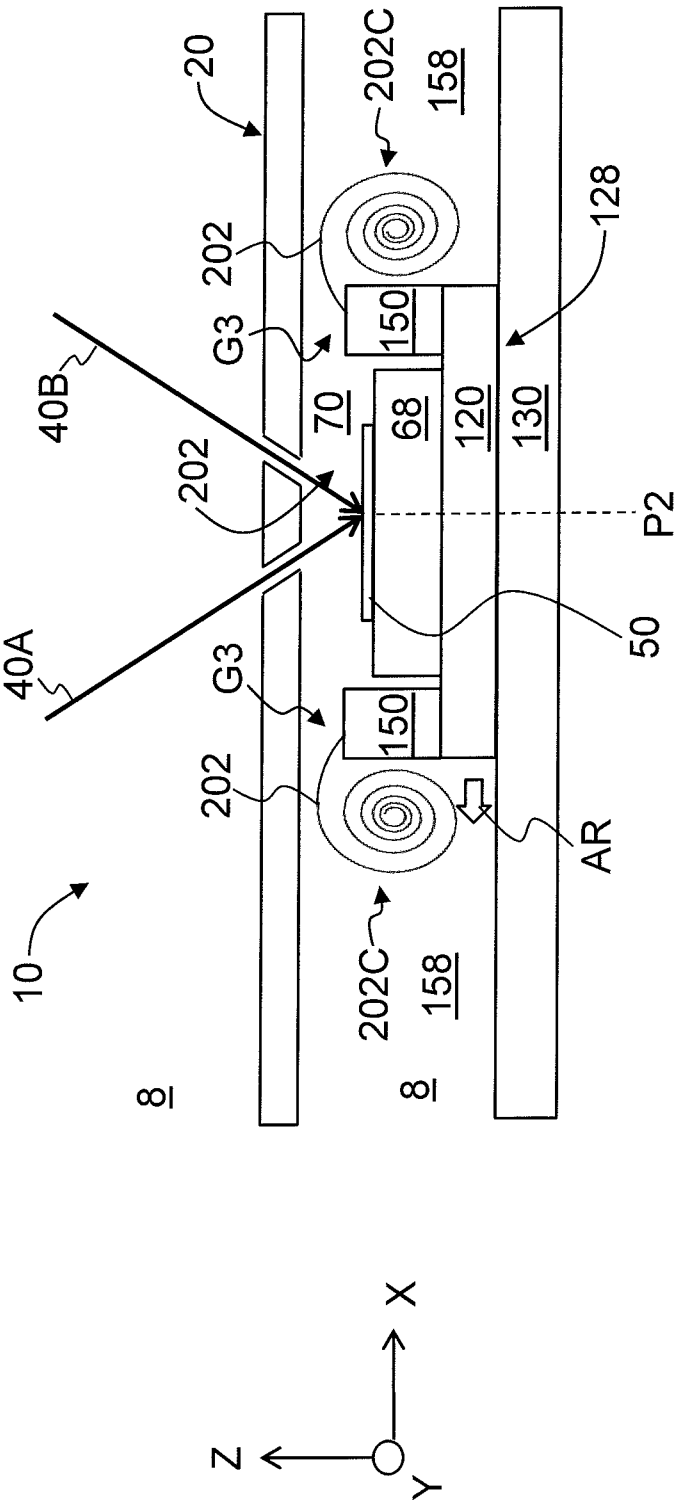

10
20
202C
158
202
G3
150
128
40B
70
68
120
130
202
P2
40A
50
G3
150
202
AR
202C
158
8
8
X
Z
Y

FIG. 5B

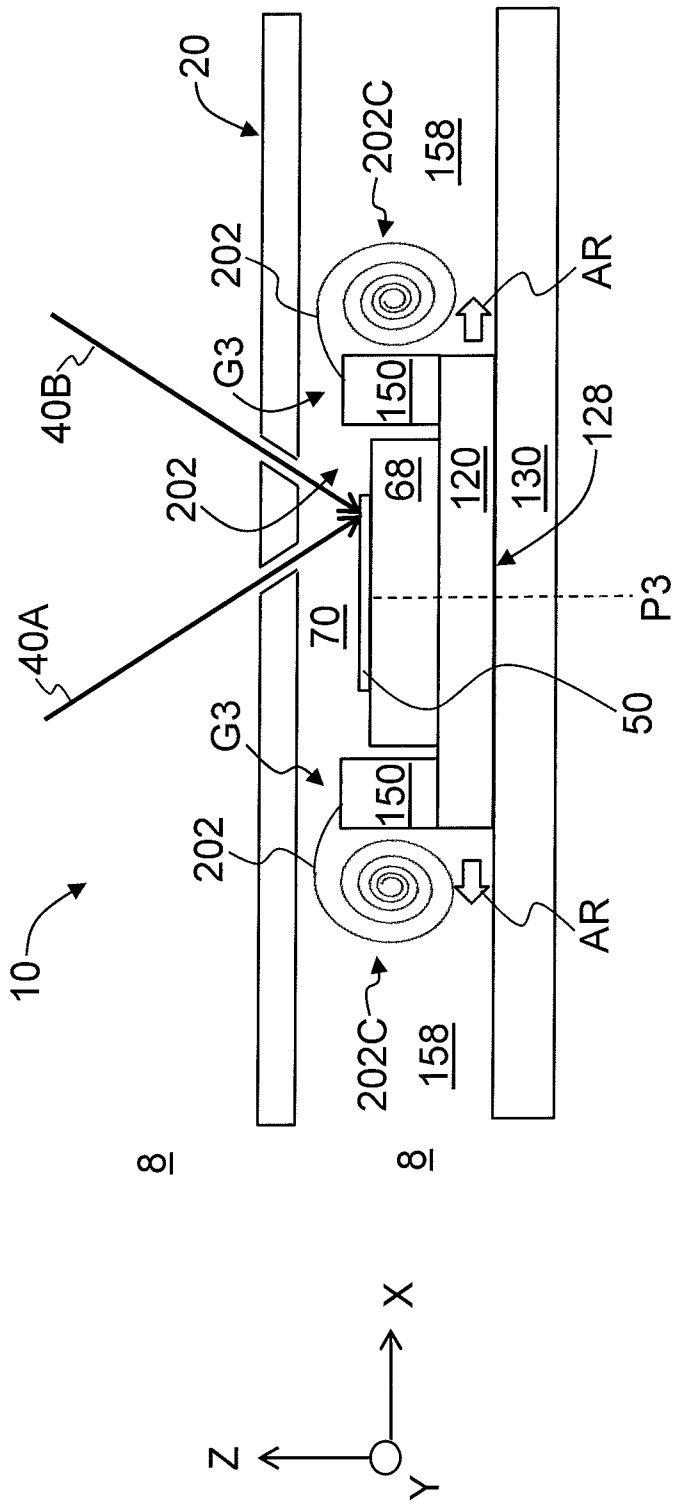

20
202C
158
202
AR
G3
150
40B
128
202
68
120
130
70
P3
40A
50
G3
150
202
AR
10
202C
158
8
8
Z
X
Y

FIG. 5C

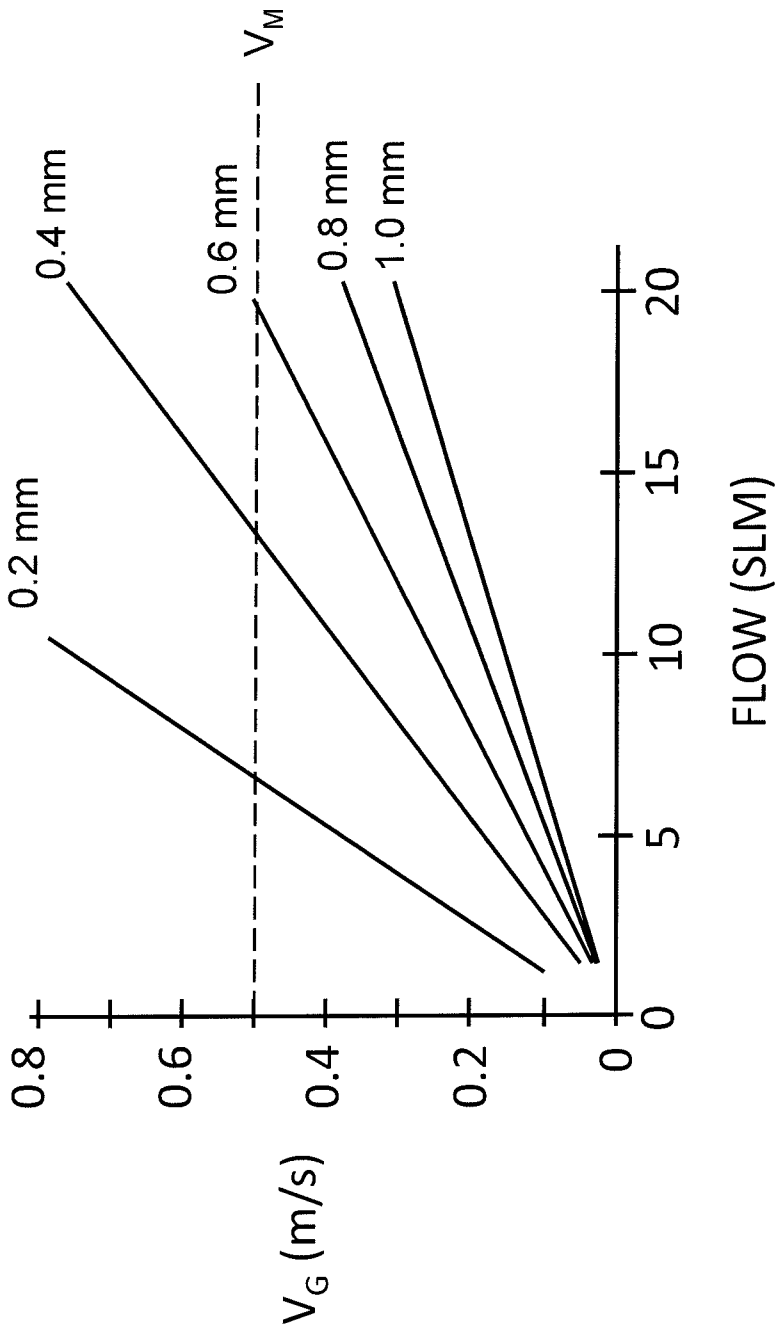

0.8
0.6
0.4
0.2
0
V_G (m/s)
0
5
10
15
20
FLOW (SLM)
V_M
0.2 mm
0.4 mm
0.6 mm
0.8 mm
1.0 mm

FIG. 6

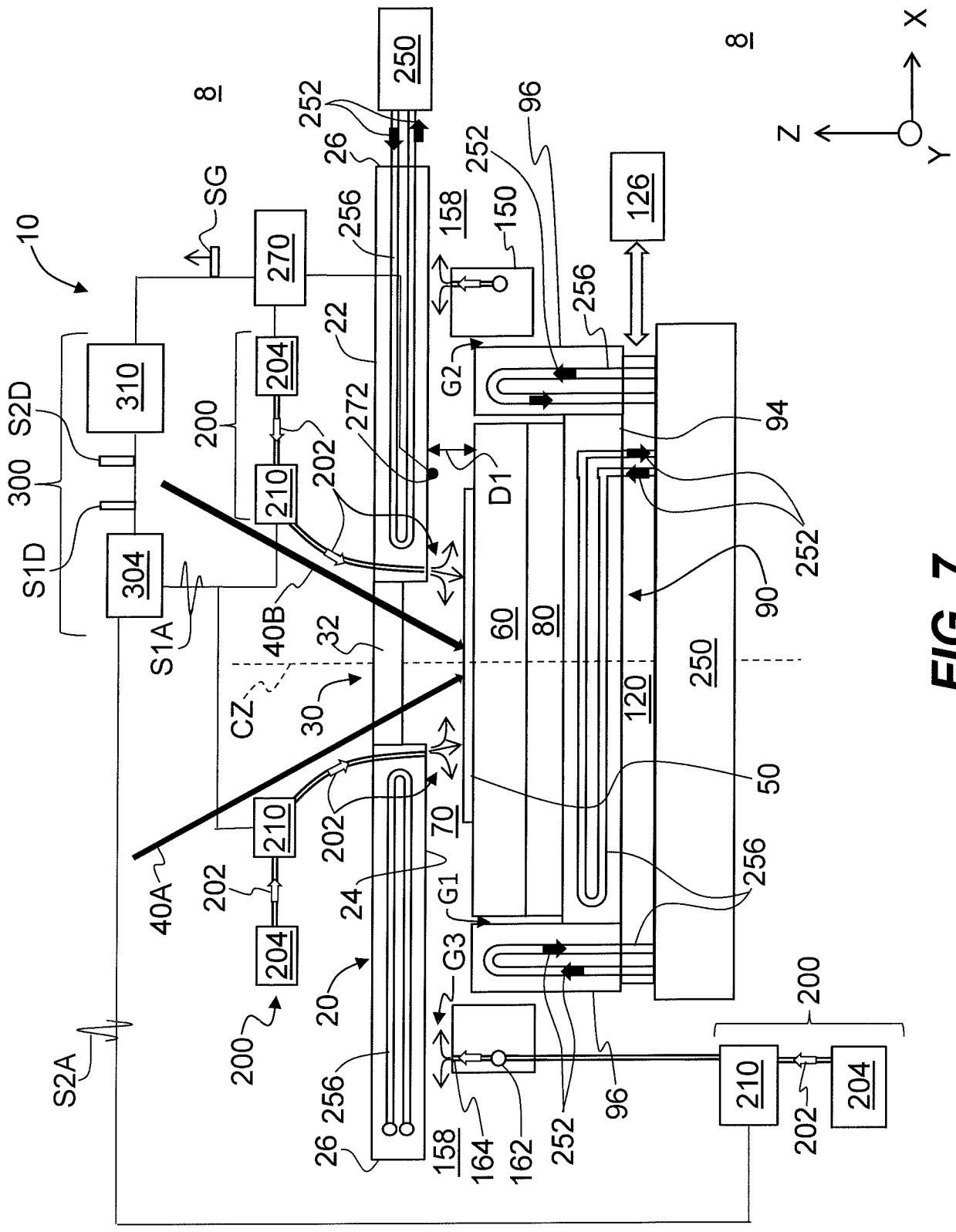

10
8
SG
270
310
S2D
300
S1D
304
S1A
S2A
200
204
210
202
272
22
26
256
158
150
250
252
96
126
G2
D1
94
252
90
60
80
250
120
40B
32
CZ
30
40A
24
70
G1
G3
20
50
256
164
162
X
Z
Y

FIG. 7