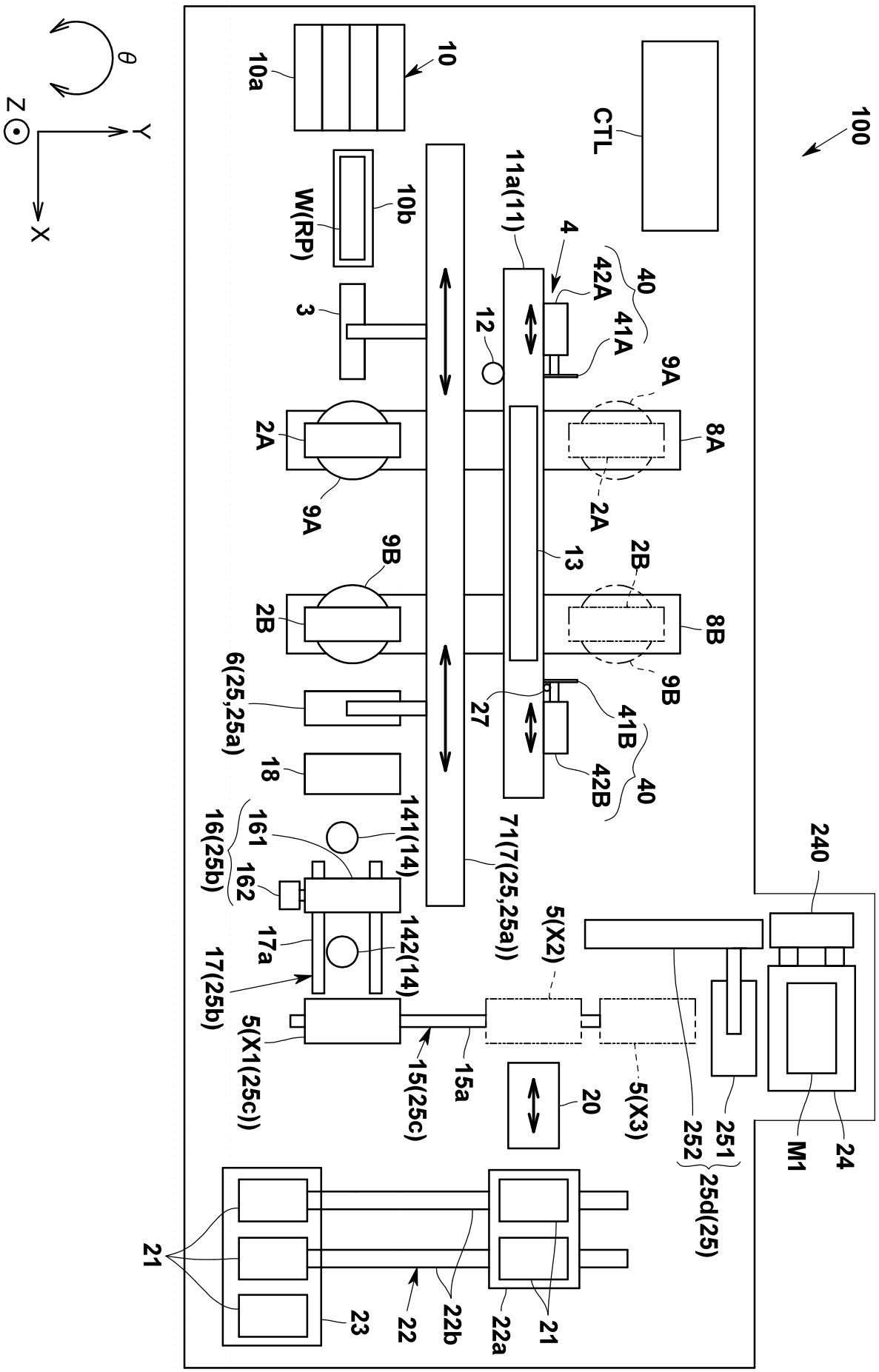

100
CTL
10
10a
10b
W(RP)
3
11a(11)
4
42A
40
41A
12
9A
8A
2A
13
2B
8B
9B
27
41B
42B
40
6(25,25a)
18
71(7(25,25a))
240
5(X2)
16(25b)
161
162
141(14)
17a
142(14)
17(25b)
5(X1(25c))
15(25c)
15a
20
5(X3)
251
252
25d(25)
M1
24
21
23
22
22b
22a
21
θ
Z
Y
X

FIG.1

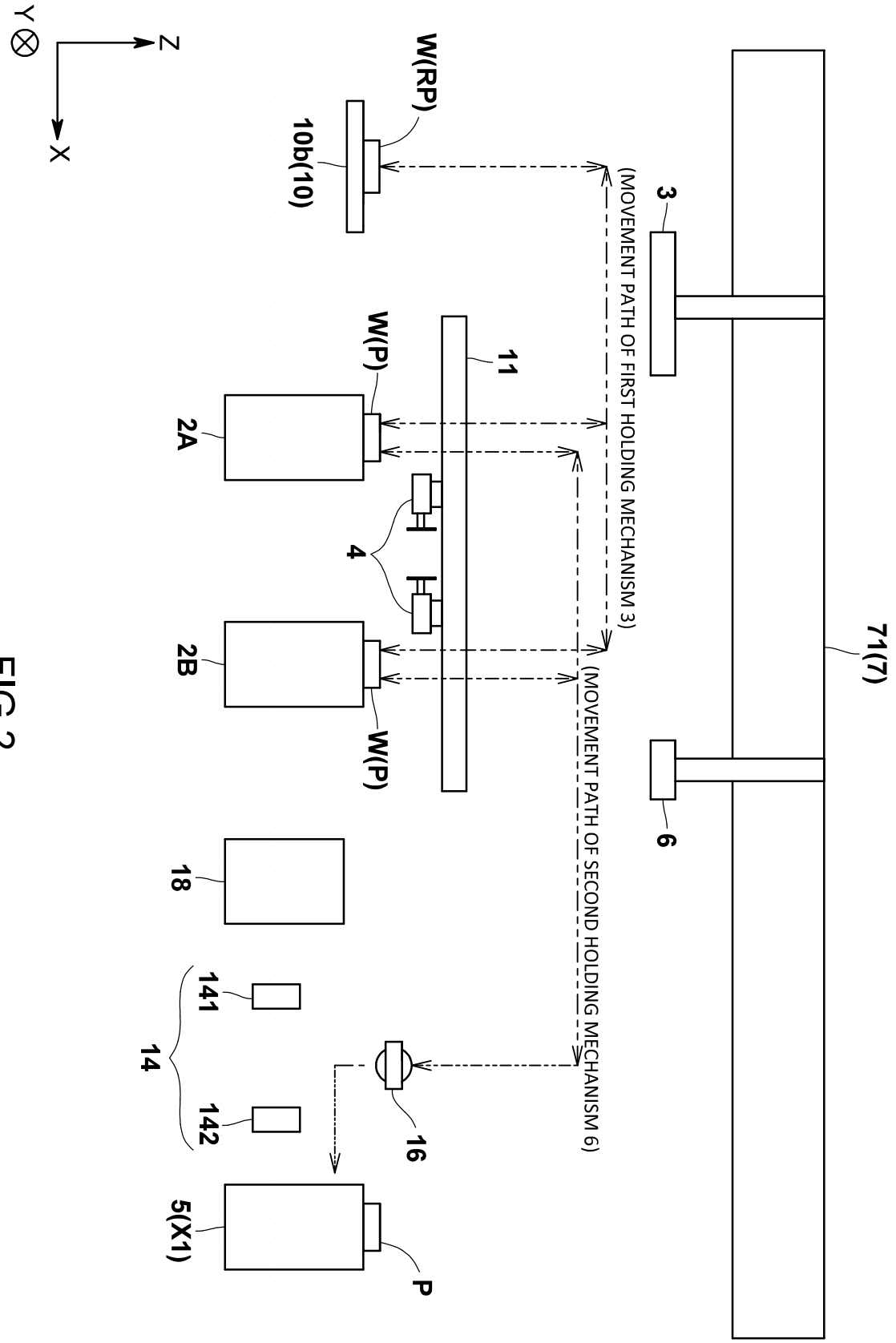

Y
Z
X
W(RP)
10b(10)
(MOVEMENT PATH OF FIRST HOLDING MECHANISM 3)
3
71(7)
W(P)
11
2A
4
2B
W(P)
(MOVEMENT PATH OF SECOND HOLDING MECHANISM 6)
6
18
141
14
142
16
5(X1)
P

FIG.2

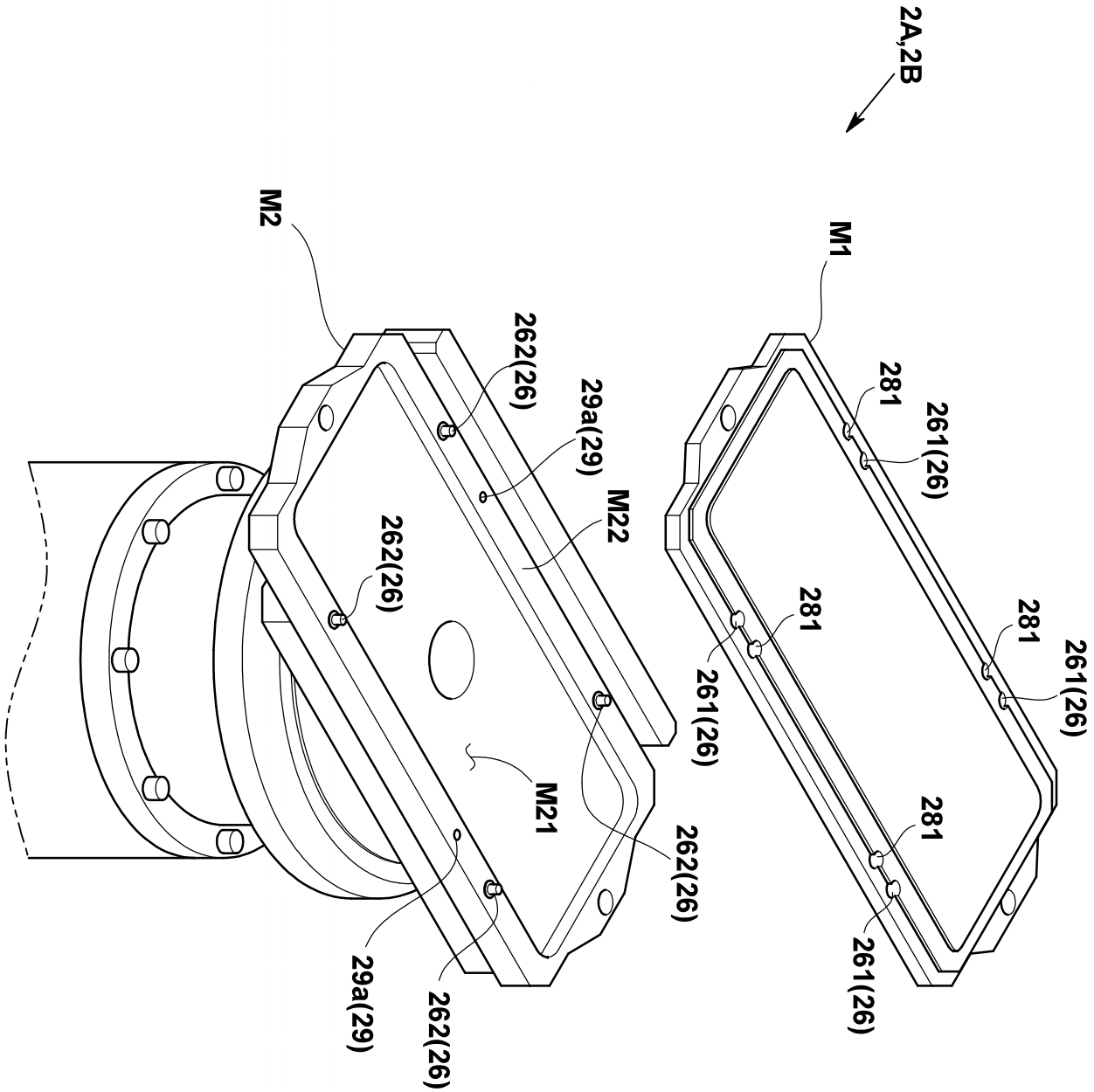

2A,2B
M1
281
261(26)
281
261(26)
281
261(26)
281
261(26)
M2
262(26)
29a(29)
M22
262(26)
M21
262(26)
29a(29)
262(26)

FIG.3

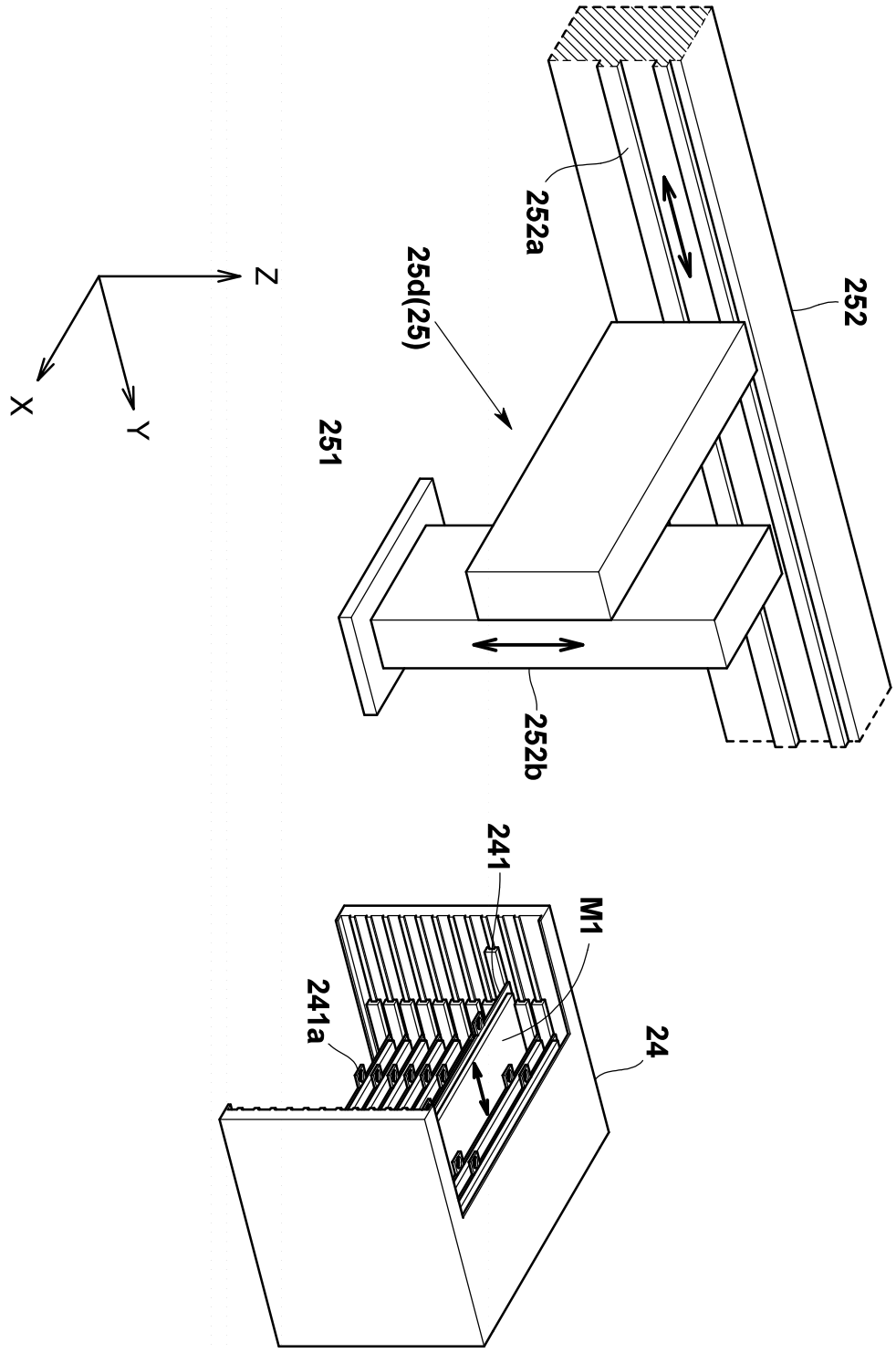


FIG.4

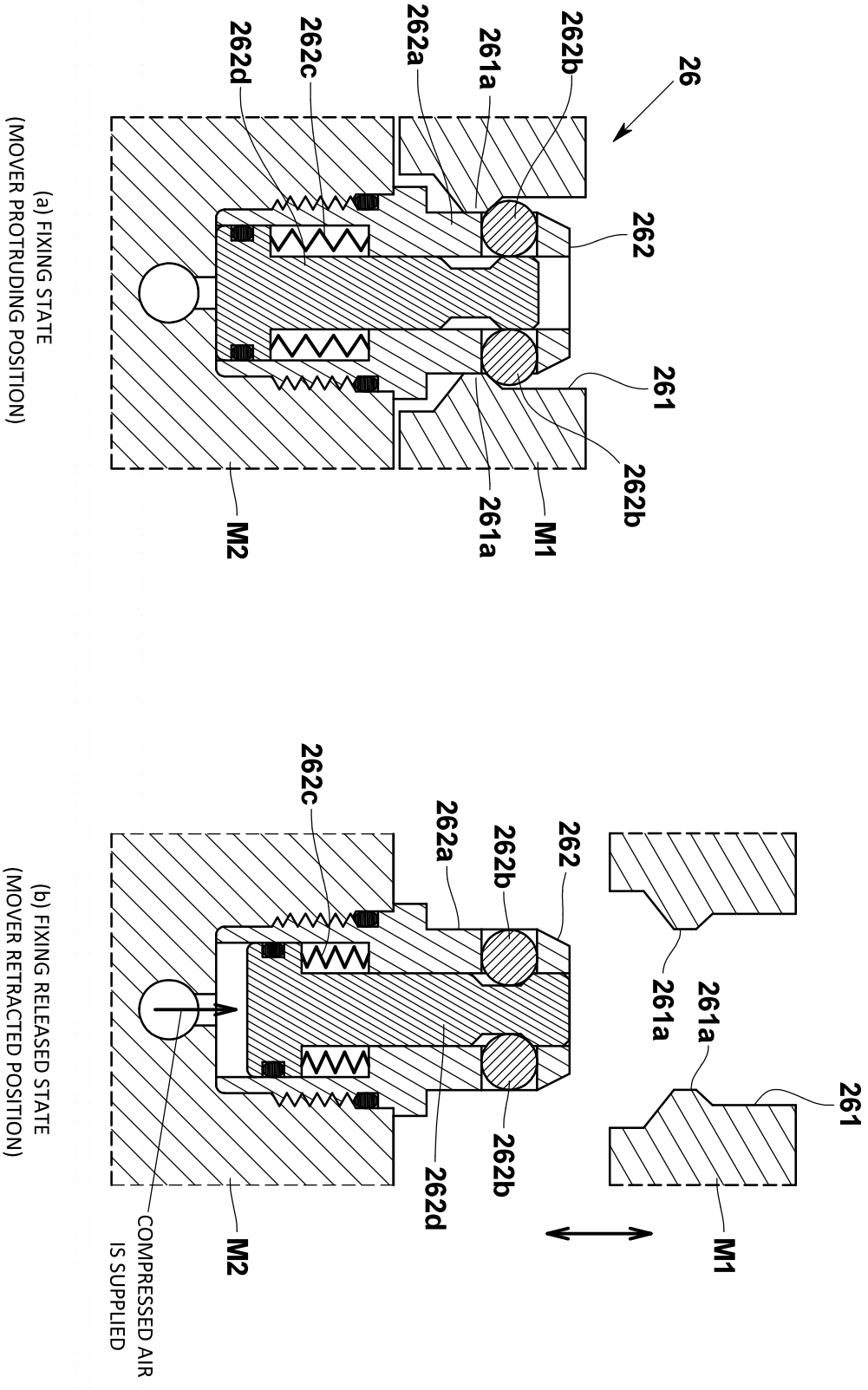

26
262b
261a
262a
262c
262d
262
261
262b
M1
261a
M2
(a) FIXING STATE
(MOVER PROTRUDING POSITION)
261
261a
261a
M1
262
262b
262a
262c
262b
262d
M2
COMPRESSED AIR
IS SUPPLIED
(b) FIXING RELEASED STATE
(MOVER RETRACTED POSITION)

FIG.5

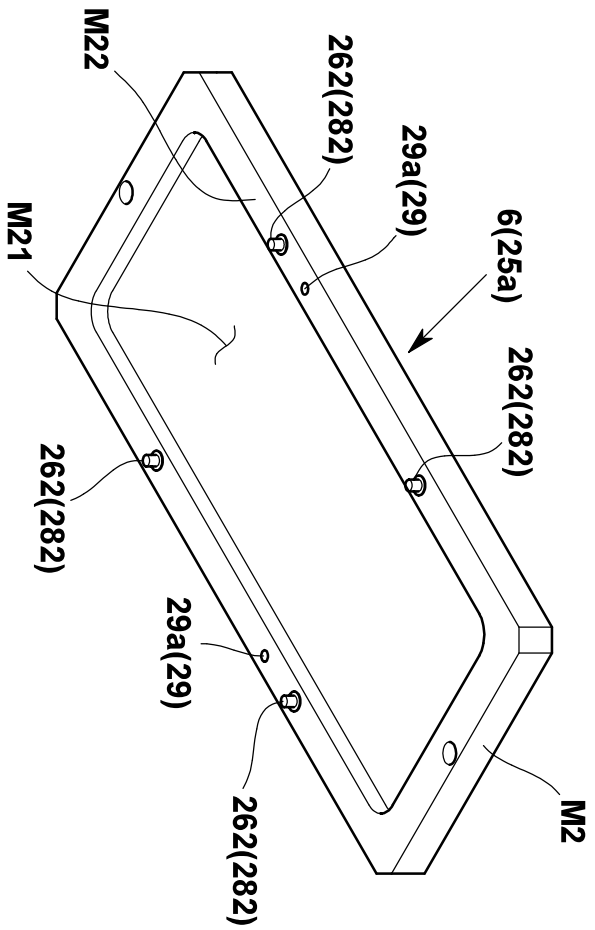
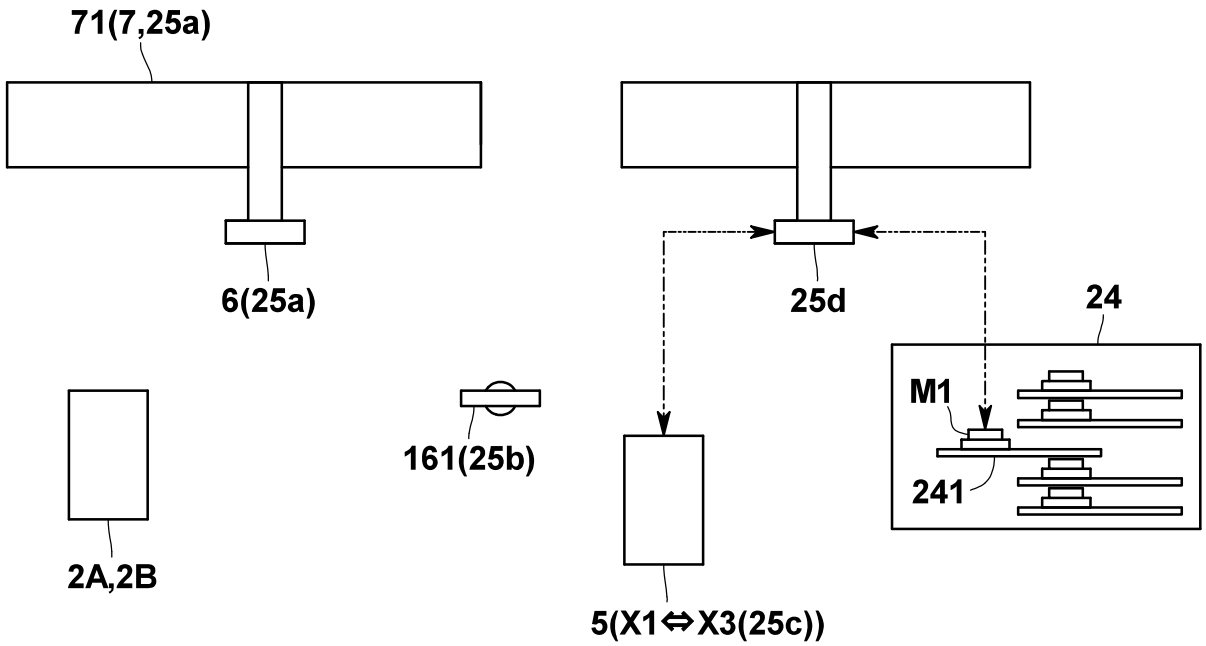


FIG.6

(a) REPLACEMENT OPERATION OF HOLDING PLATE OF TRANSFER TABLE



(b) REPLACEMENT OPERATION OF HOLDING PLATE OF SUPPORT TABLE

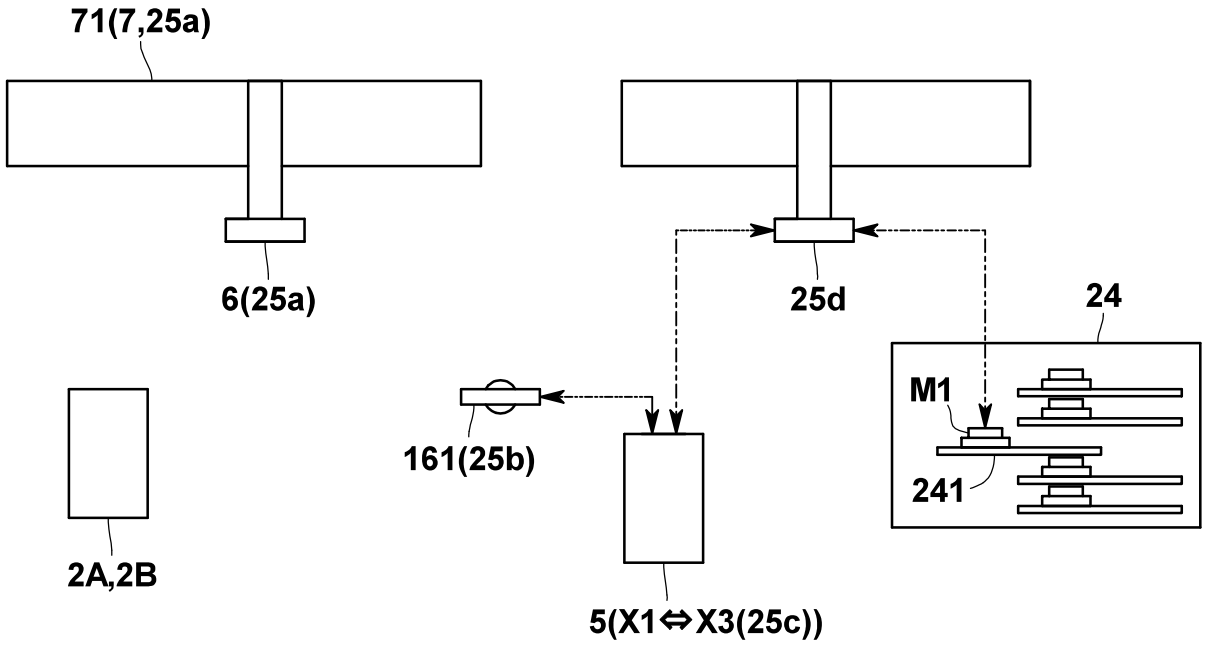
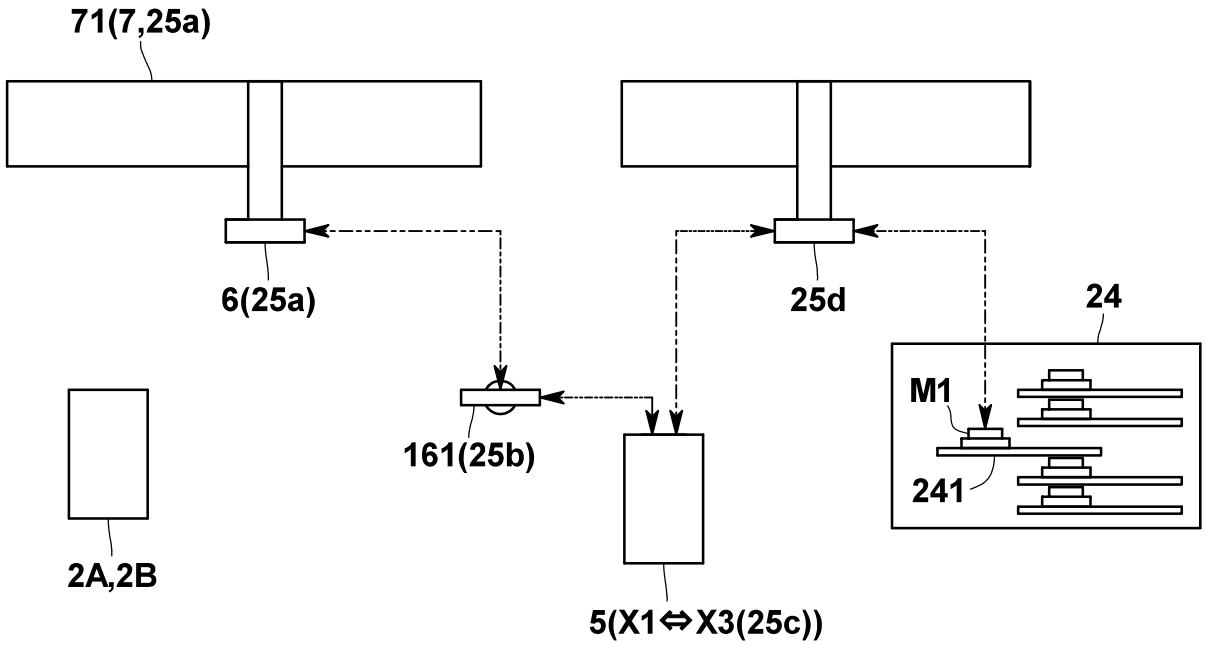


FIG.7

(a) REPLACEMENT OPERATION OF HOLDING PLATE OF SECOND HOLDING MECHANISM



(b) REPLACEMENT OPERATION OF HOLDING PLATE OF CUTTING TABLE

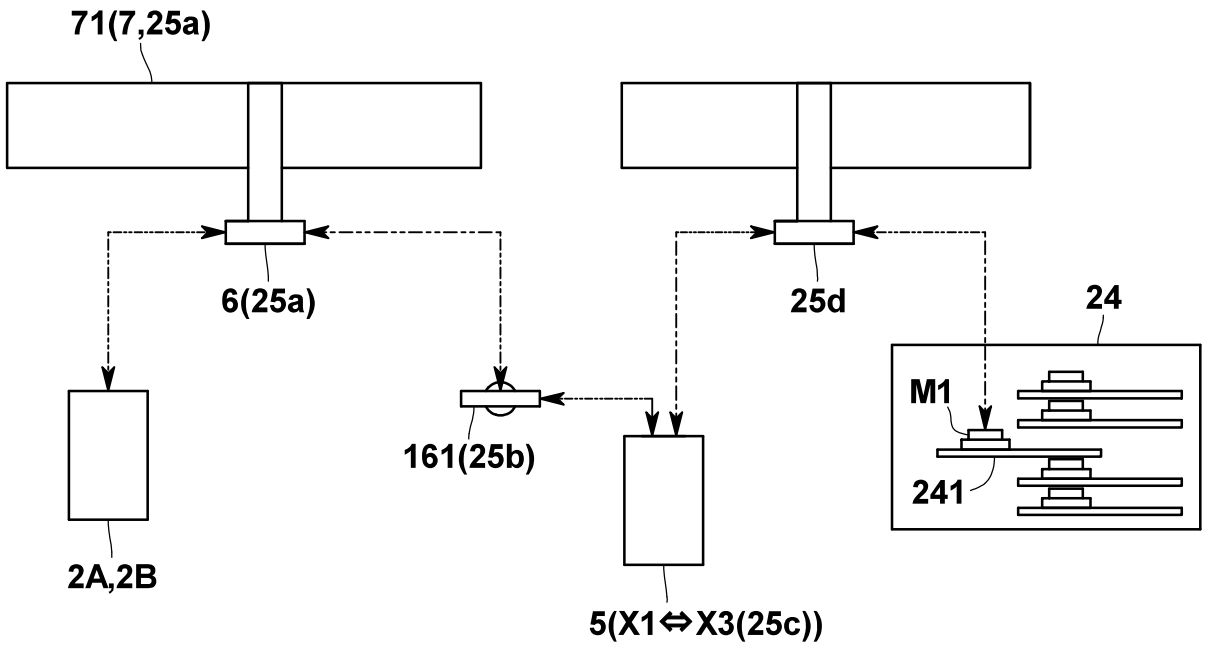


FIG.8

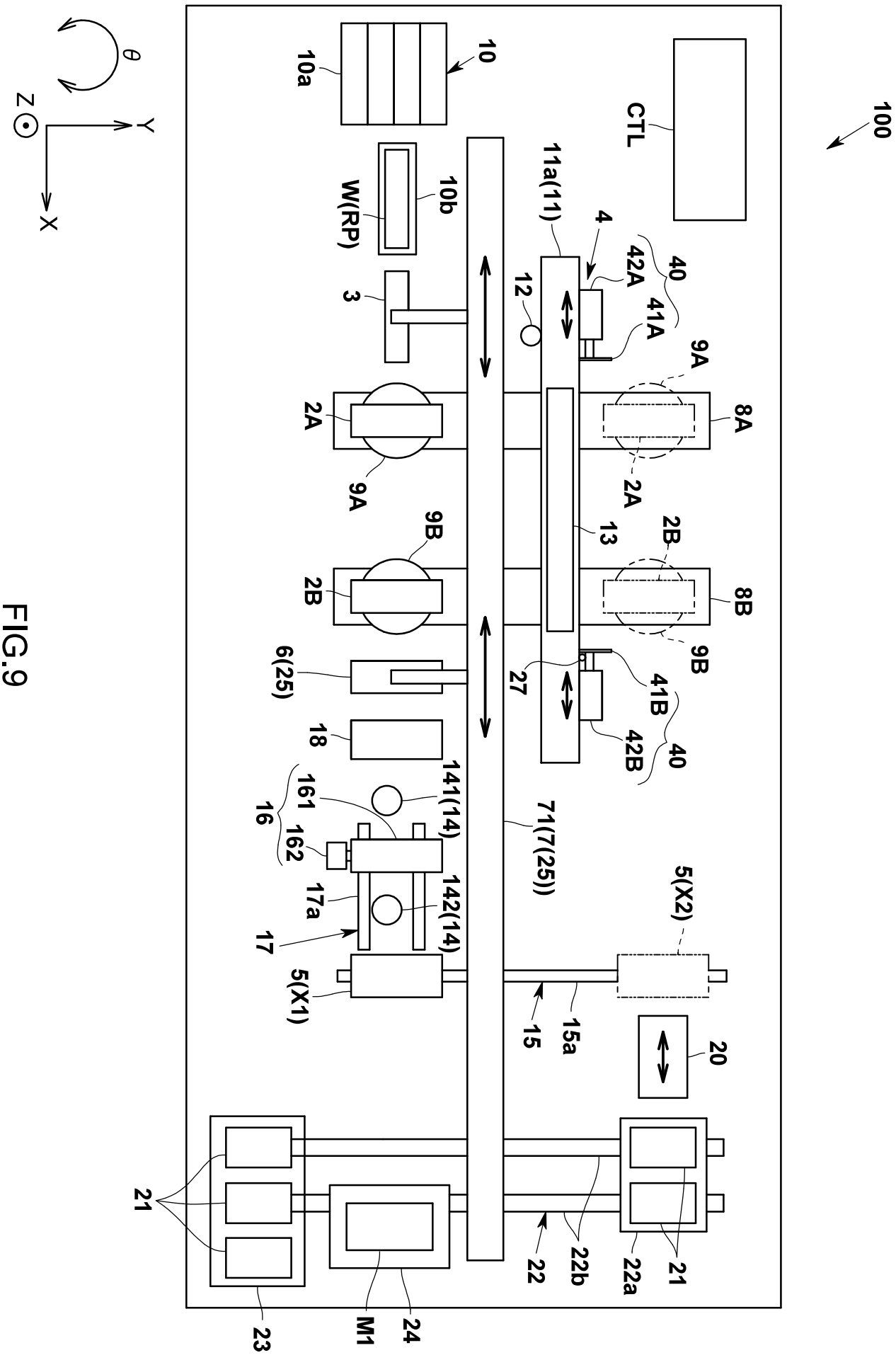

100
CTL
10
10a
10b
W(RP)
3
11a(11)
4
42A
40
41A
12
9A
8A
2A
13
2B
8B
9B
27
41B
42B
40
6(25)
18
141(14)
161
16
162
71(7(25))
17a
142(14)
17
5(X1)
5(X2)
15
15a
20
21
22
22b
22a
21
23
M1
24
θ
Z
Y
X

FIG.9

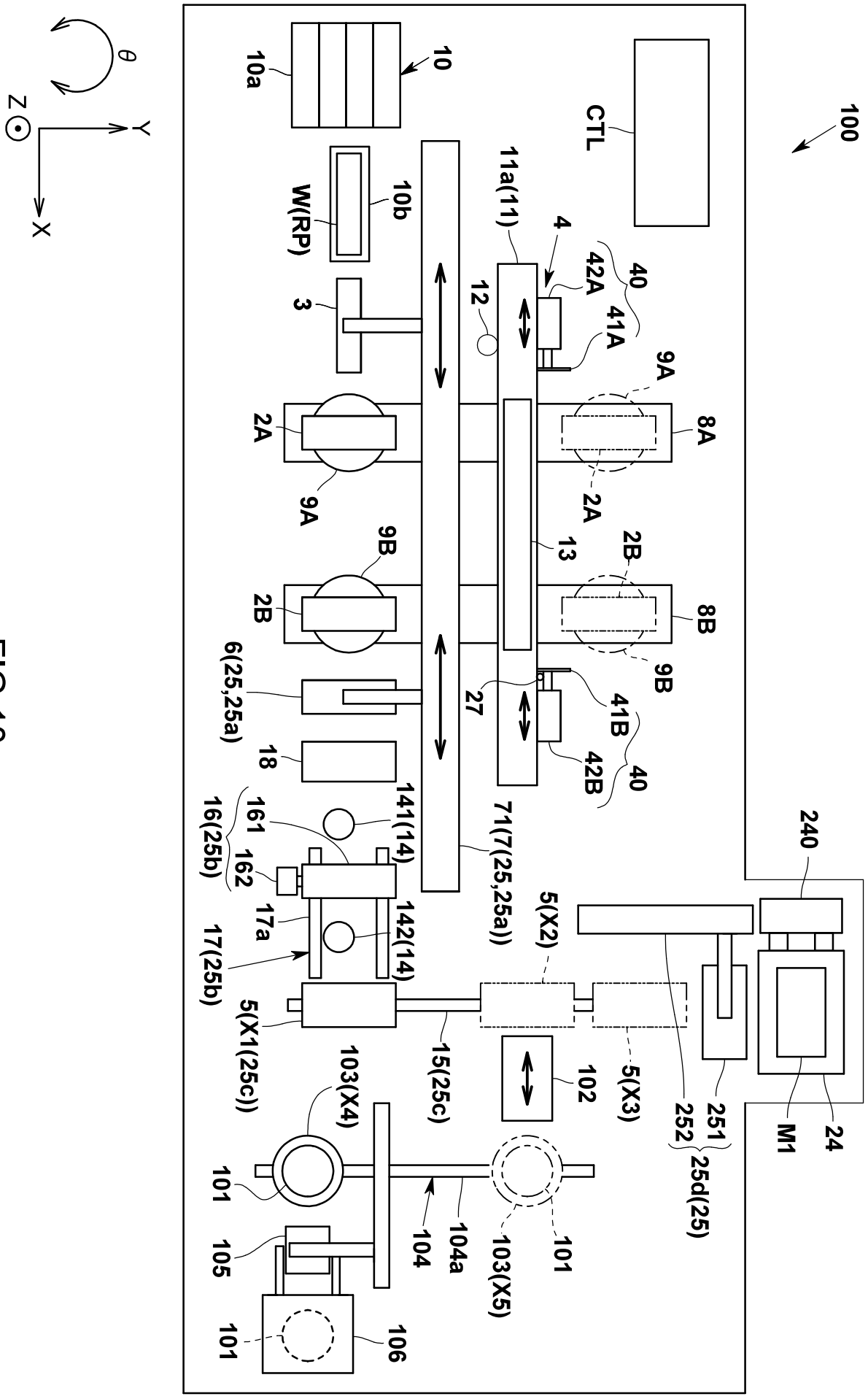

100
CTL
10
10a
10b
W(RP)
3
11a(11)
4
42A
40
41A
12
9A
8A
2A
2A
9A
13
2B
9B
2B
8B
9B
6(25,25a)
27
41B
42B
40
18
71(7(25,25a))
141(14)
161
16(25b)
162
17a
142(14)
17(25b)
5(X1(25c))
5(X2)
15(25c)
102
5(X3)
240
251
252
25d(25)
M1
24
103(X4)
101
105
101
104
104a
103(X5)
101
106
θ
Z
Y
X

FIG.10

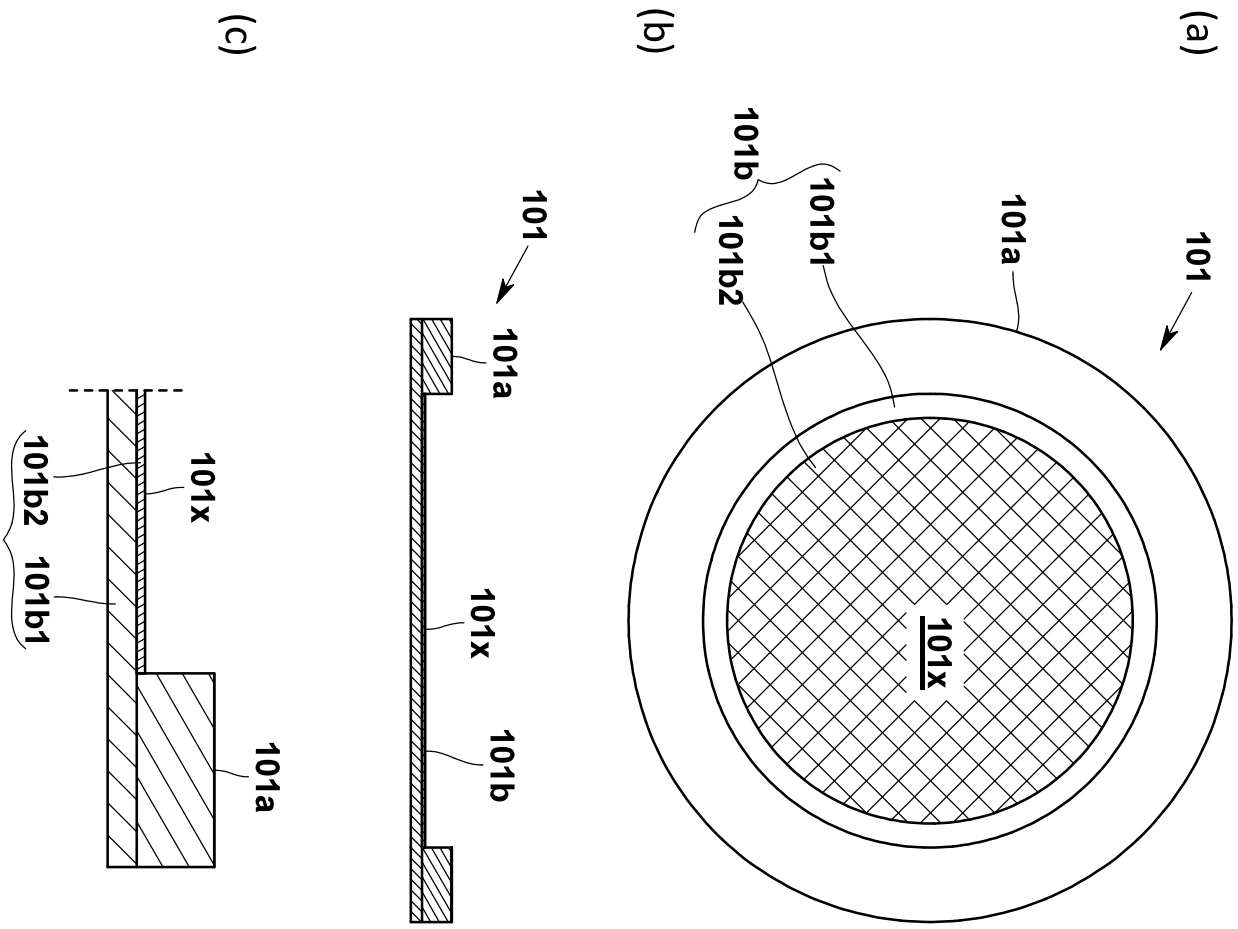

(a)
101
101a
101b
101b1
101b2
101x
(b)
101
101a
101x
101b
(c)
101x
101b2
101b1
101b
101a

FIG.11

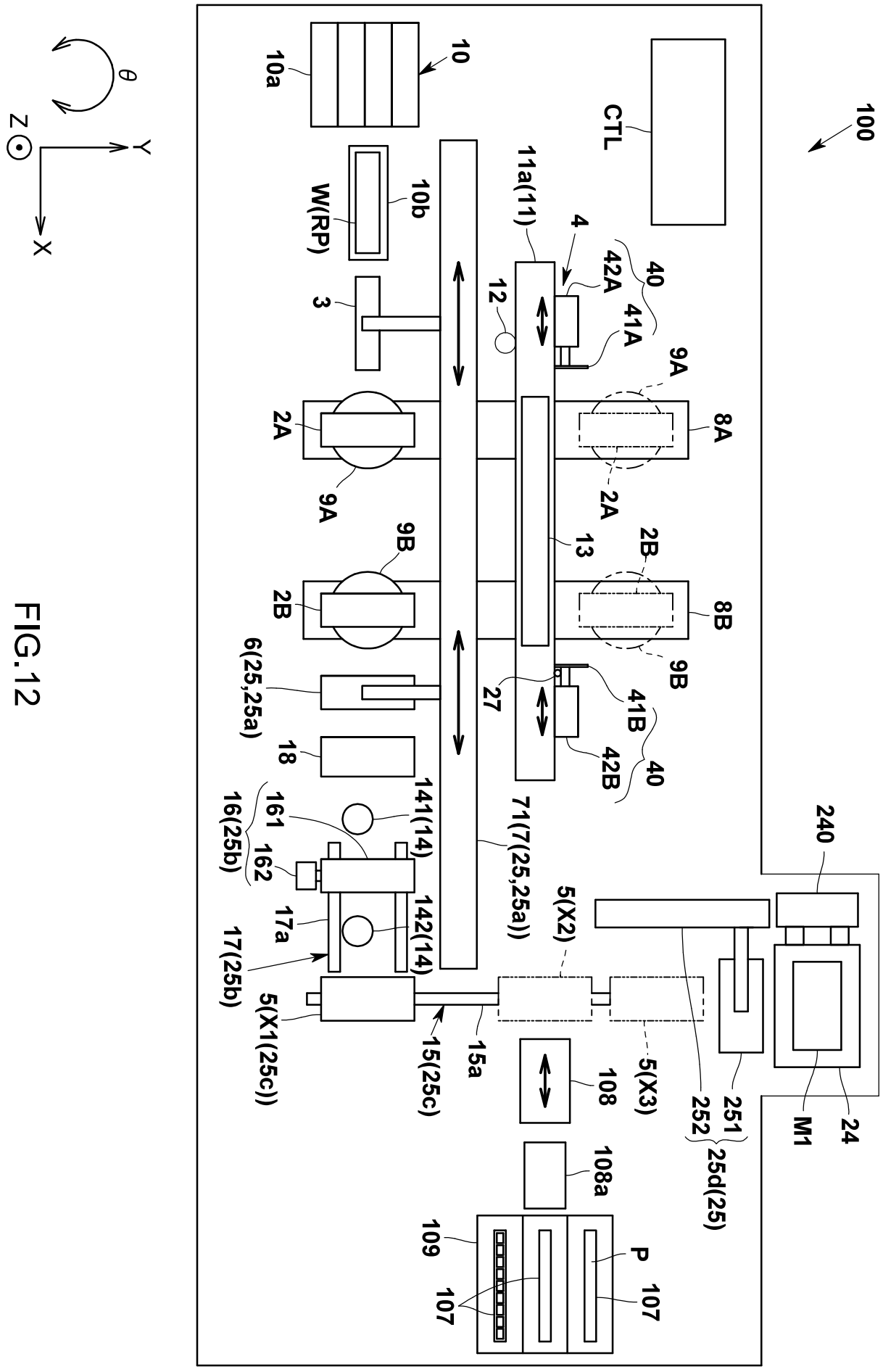

100
CTL
10
10a
W(RP)
10b
3
11a(11)
4
42A
40
41A
12
9A
8A
2A
2A
9A
13
2B
9B
2B
8B
9B
6(25,25a)
27
41B
42B
40
18
141(14)
71(7(25,25a))
16(25b)
161
162
142(14)
17a
17(25b)
5(X1(25c))
15(25c)
15a
5(X2)
5(X3)
108
108a
109
107
P
107
240
251
252
25d(25)
M1
24
θ
Z
Y
X

FIG.12

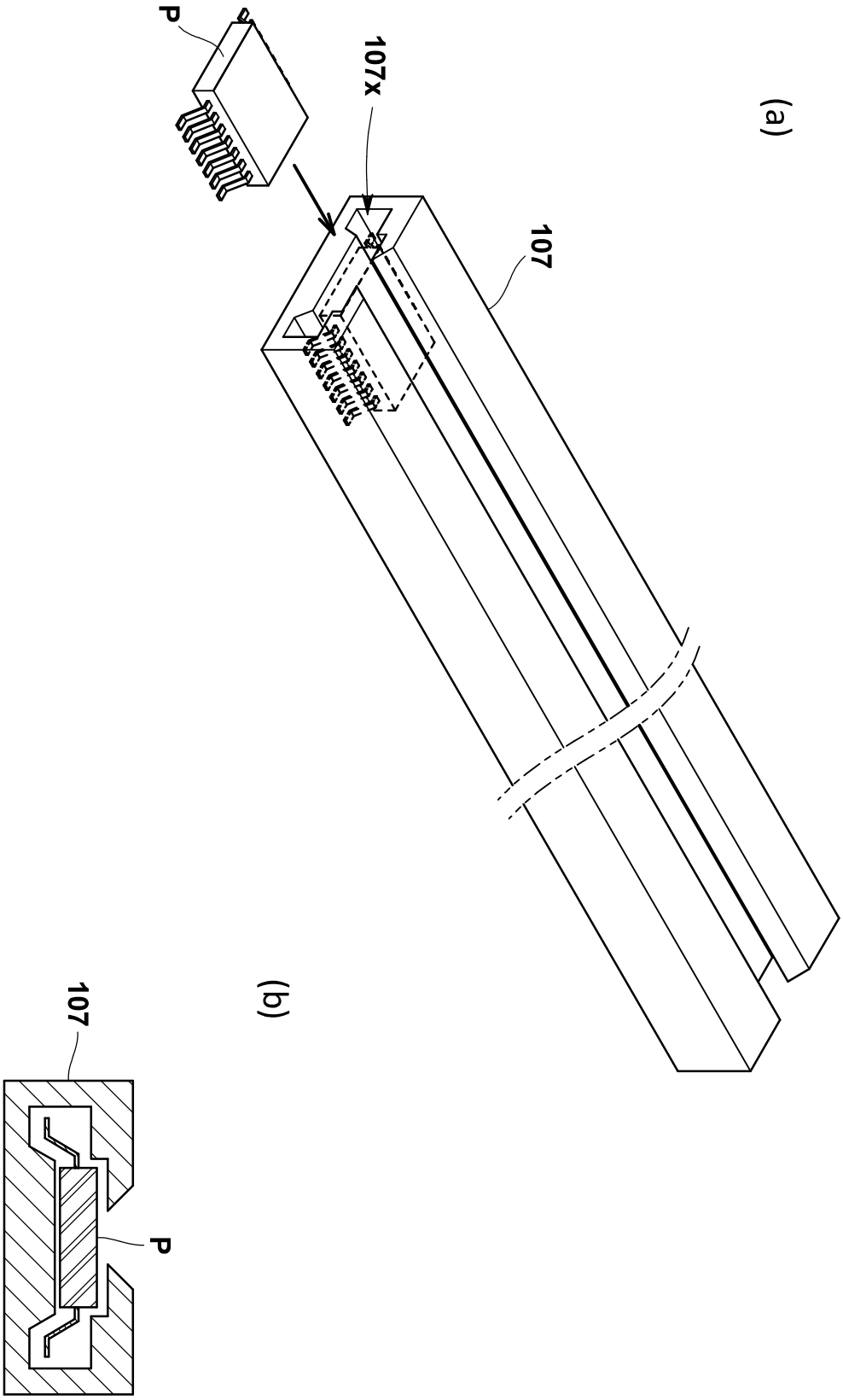


FIG.13

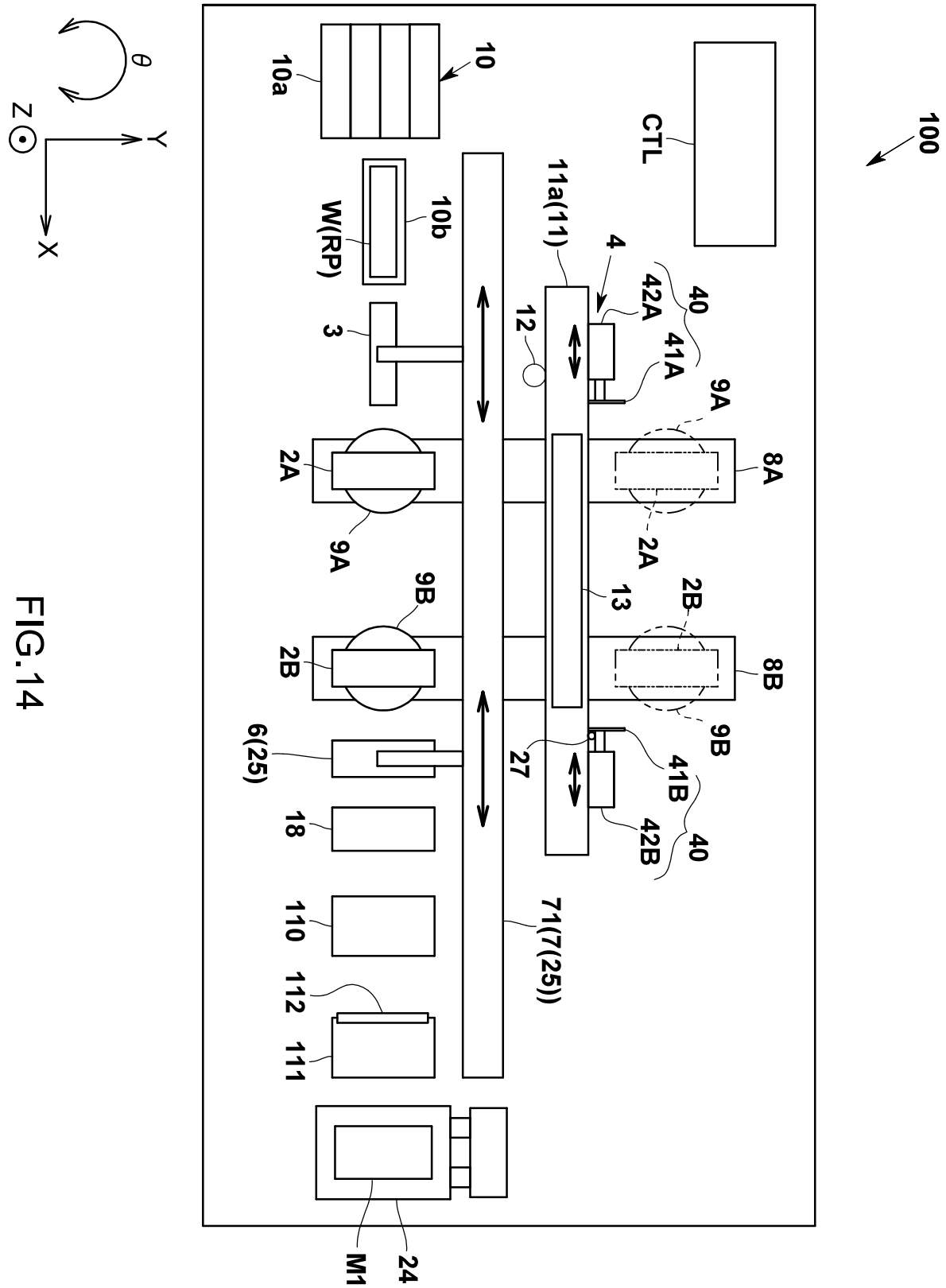

100
CTL
10
10a
W(RP)
10b
11a(11)
4
42A
40
41A
12
3
9A
8A
2A
2A
9A
13
2B
9B
2B
8B
9B
6(25)
27
41B
42B
40
18
110
71(7(25))
112
111
M1
24
θ
Z
Y
X

FIG.14

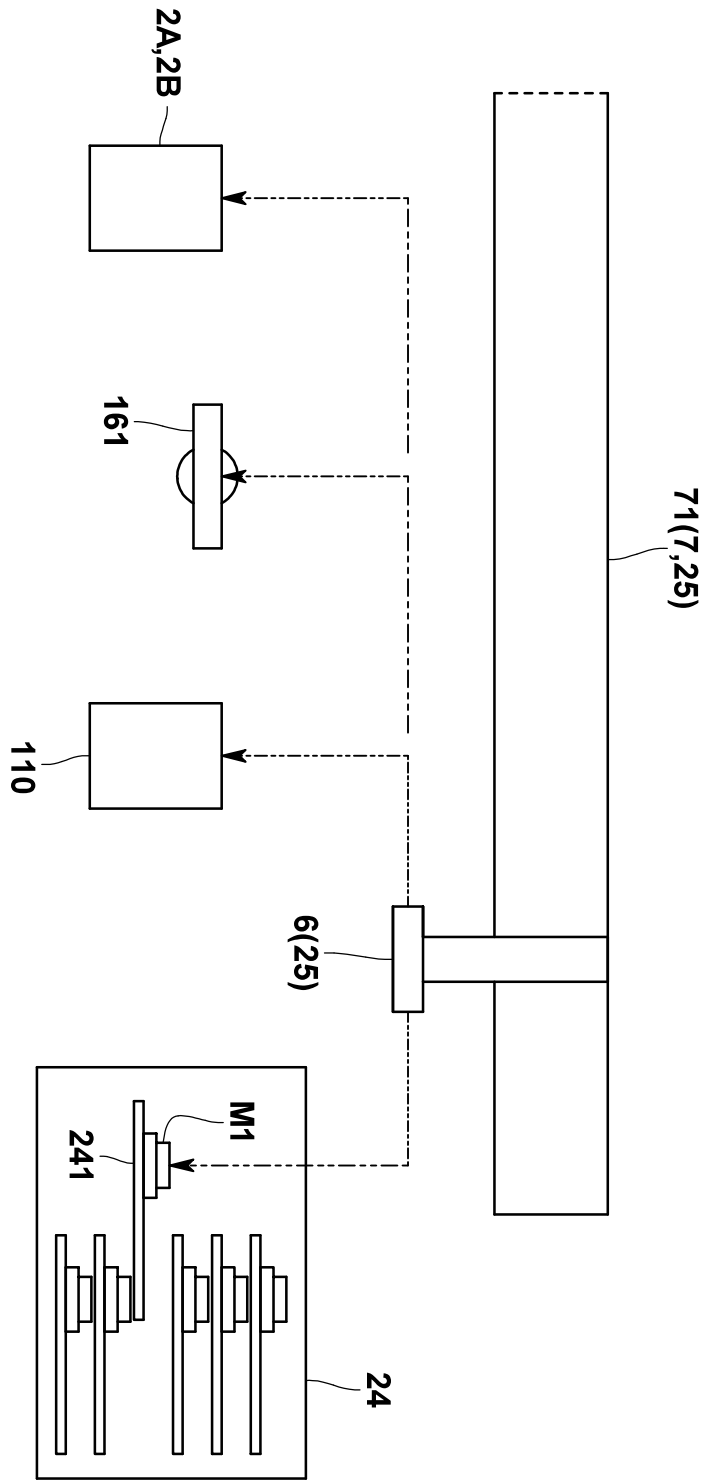


FIG.15