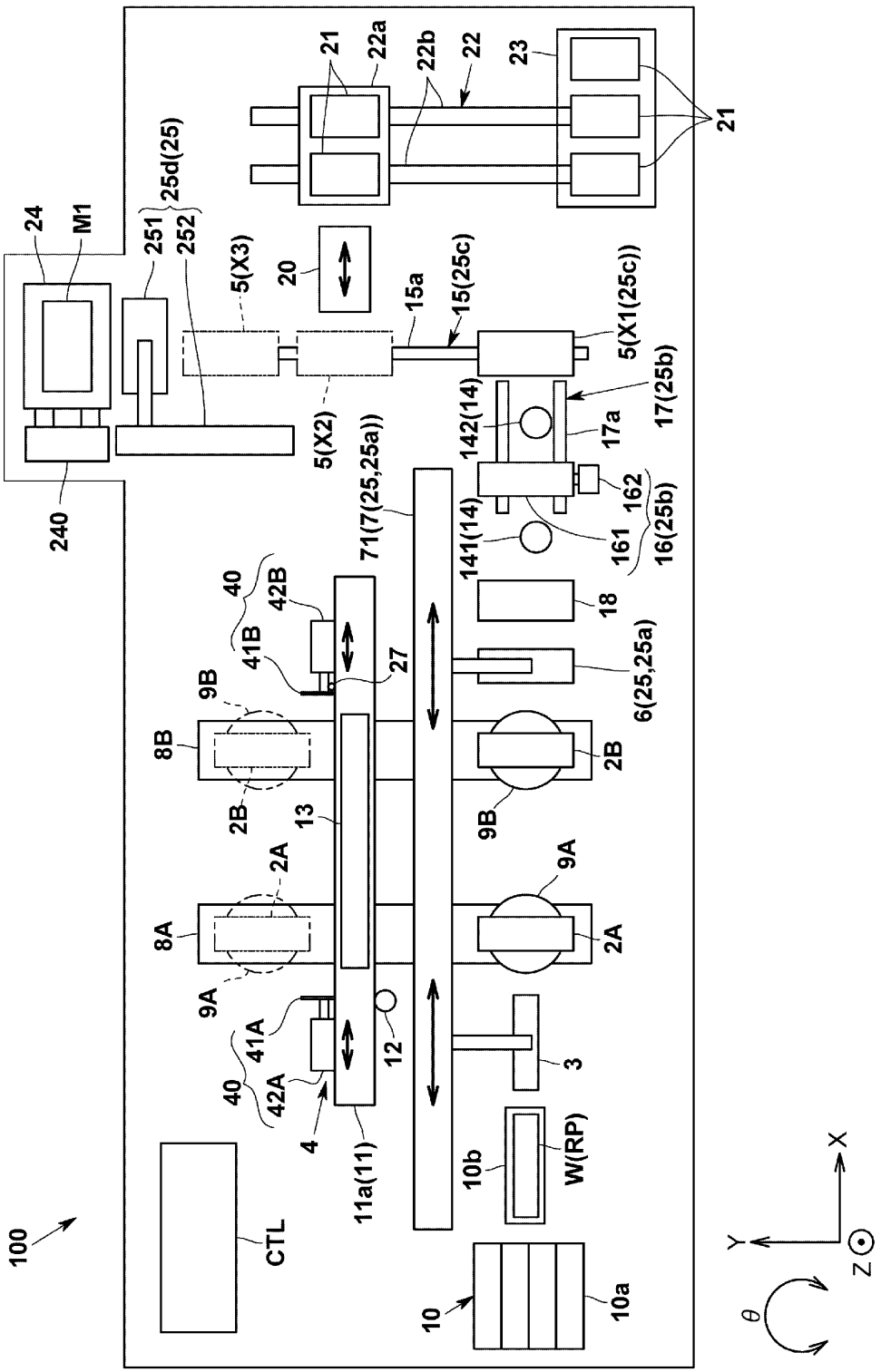
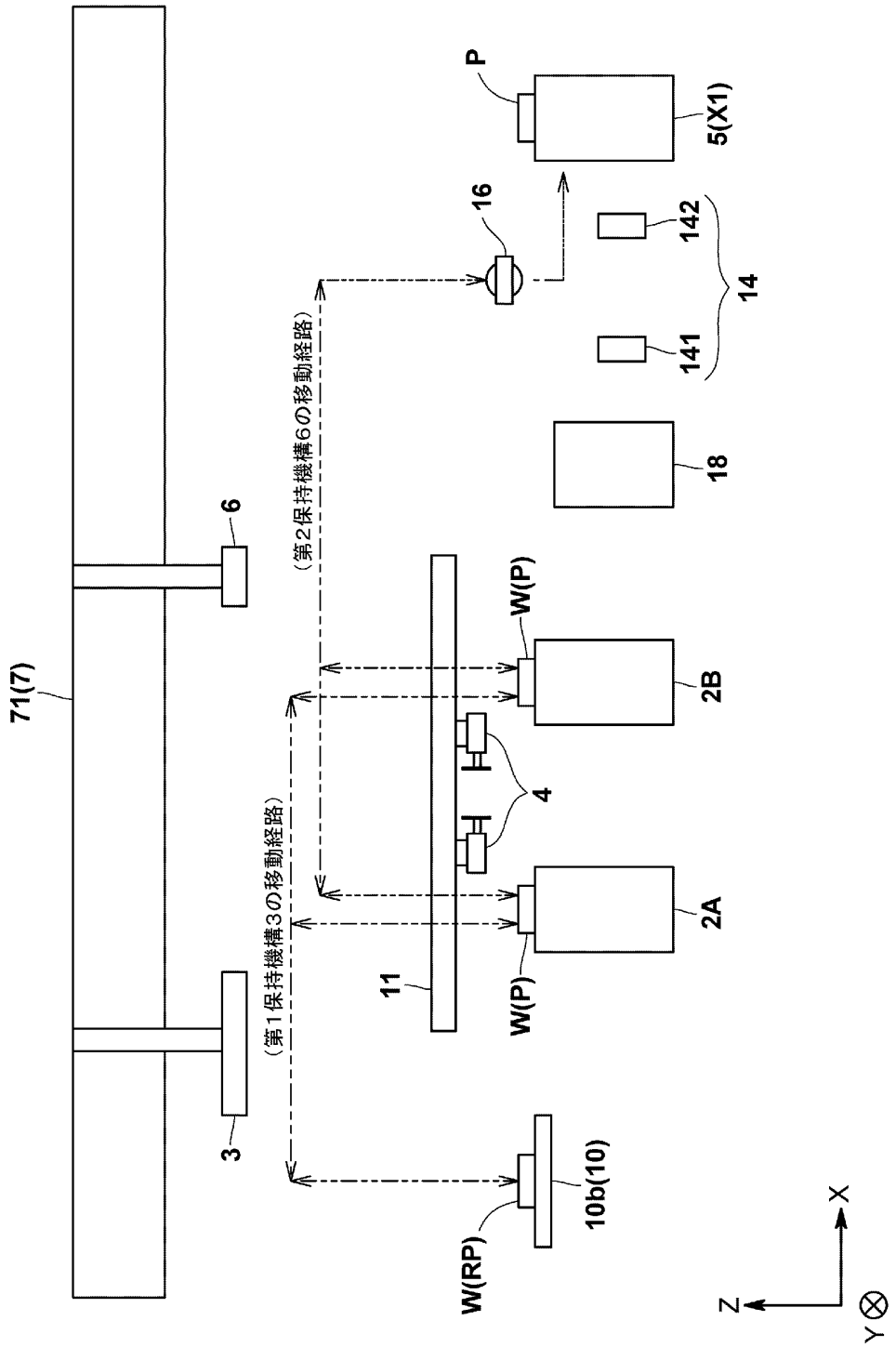
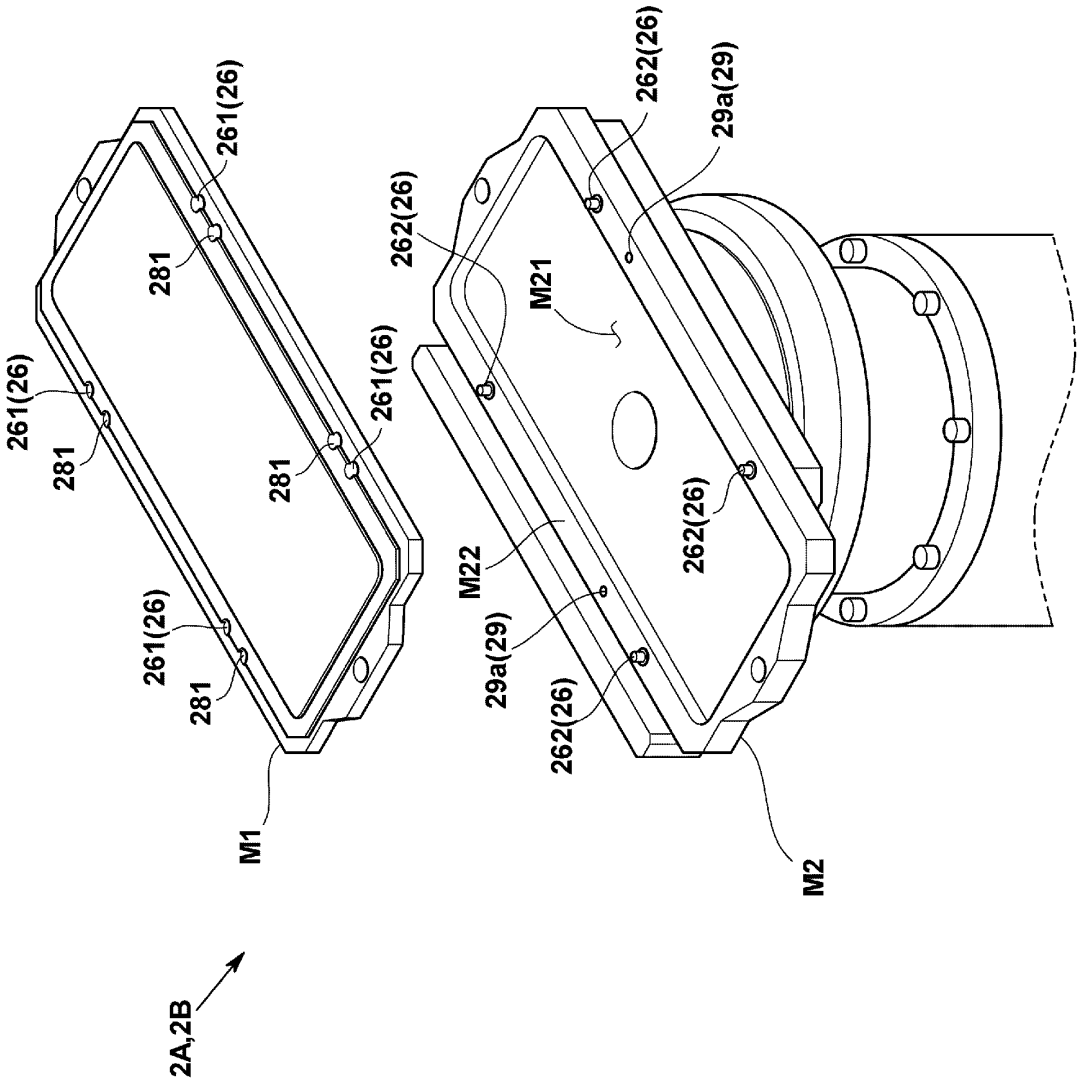
[図1]


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

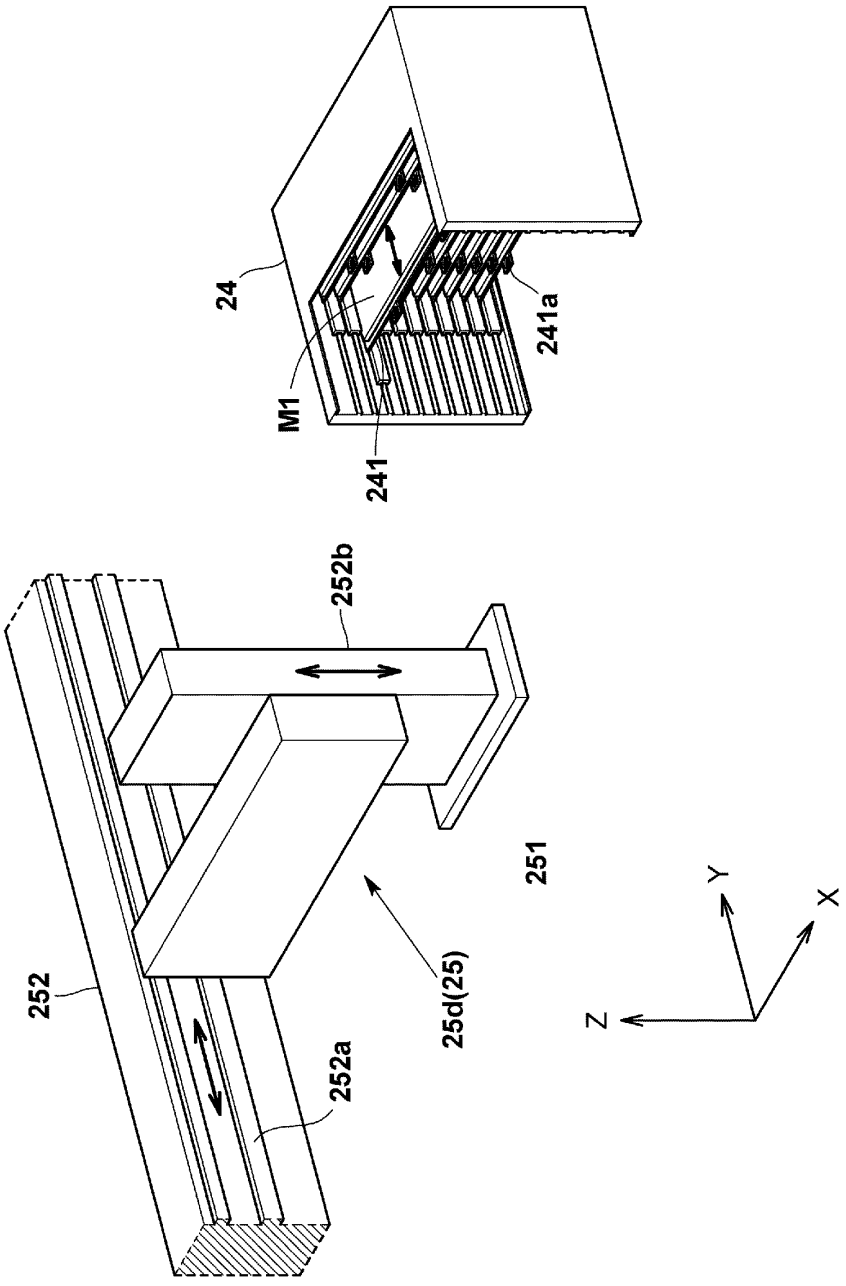
[図2]


71(7)
6
3
（第1保持機構3の移動経路）
（第2保持機構6の移動経路）
P
5(X1)
16
142
141
14
18
W(P)
2B
4
2A
11
W(P)
W(RP)
10b(10)
X
Z
Y

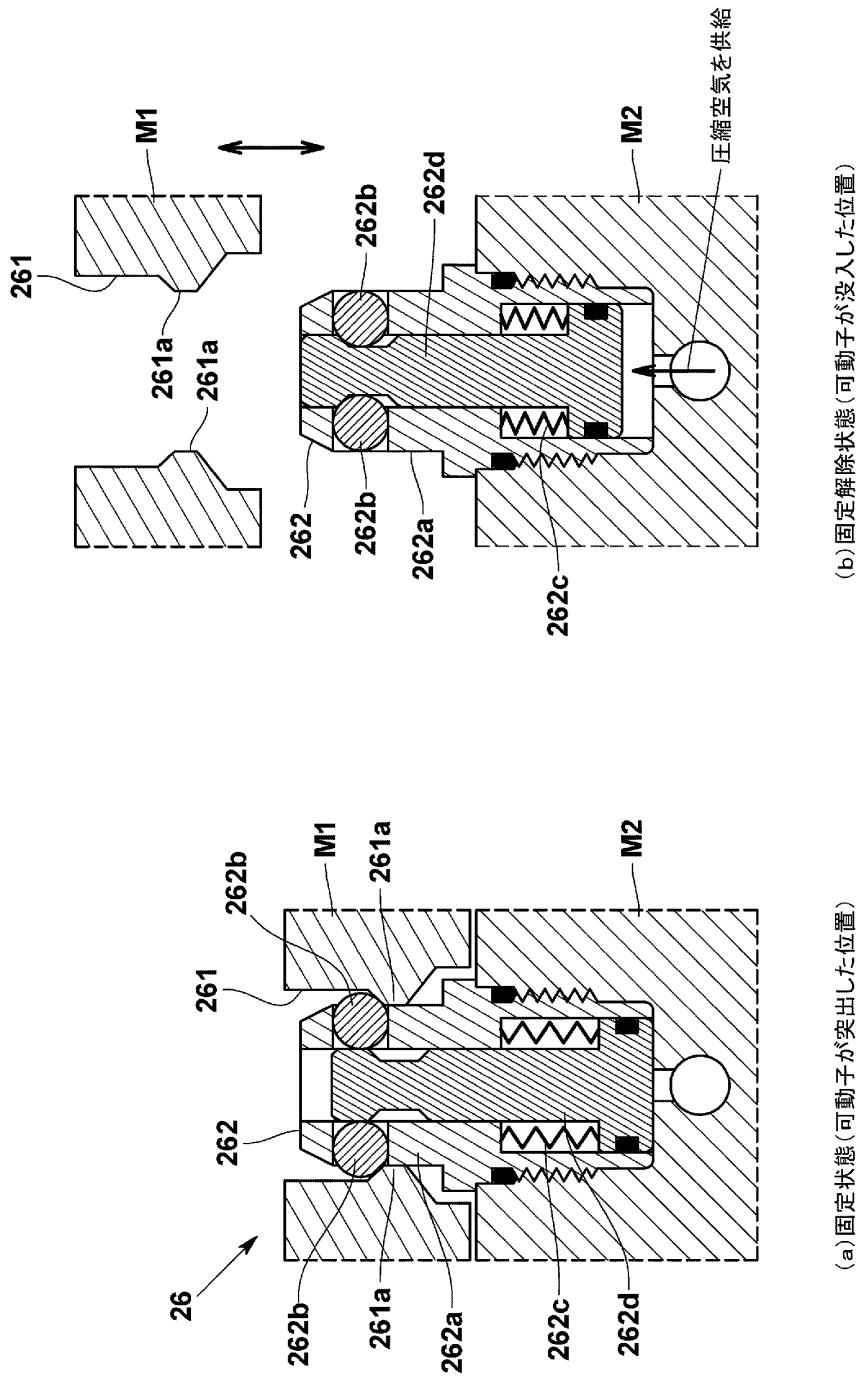
[図3]


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

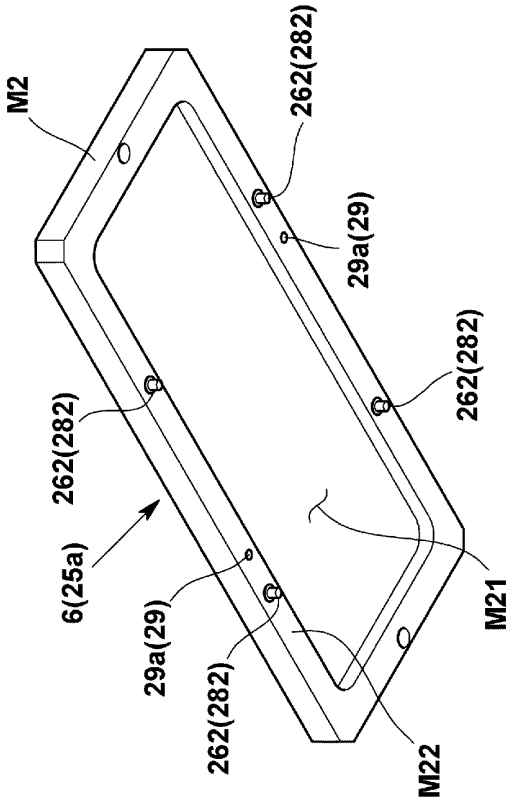
[図4]



[図5]

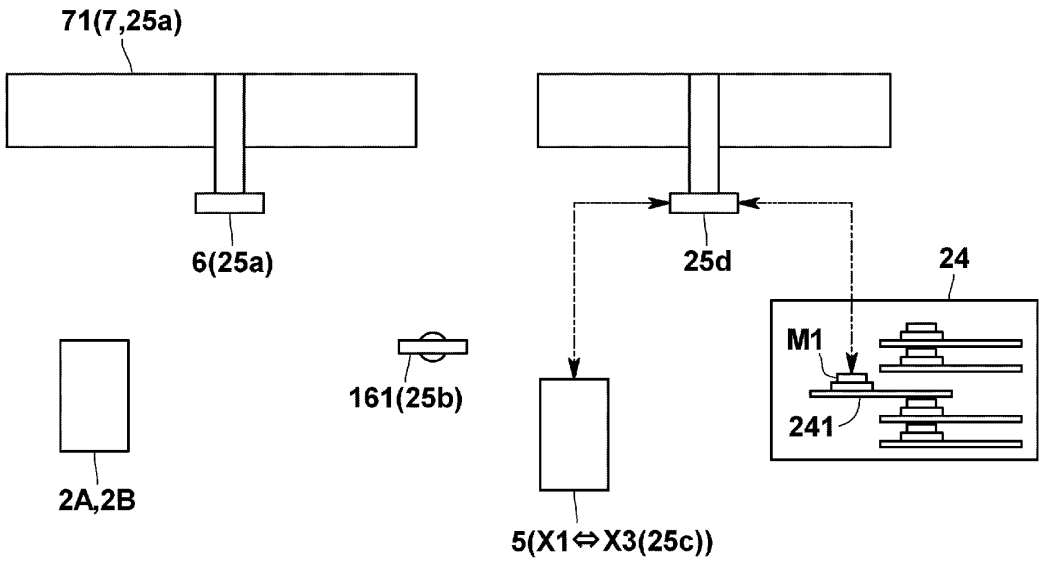

M1
261
261a
261a
262b
262d
M2
圧縮空気を供給
262
262b
262a
262c
(b)固定解除状態(可動子が没入した位置)
262b
M1
261a
M2
261
262
26
262b
261a
262a
262c
262d
(a)固定状態(可動子が突出した位置)

[図6]

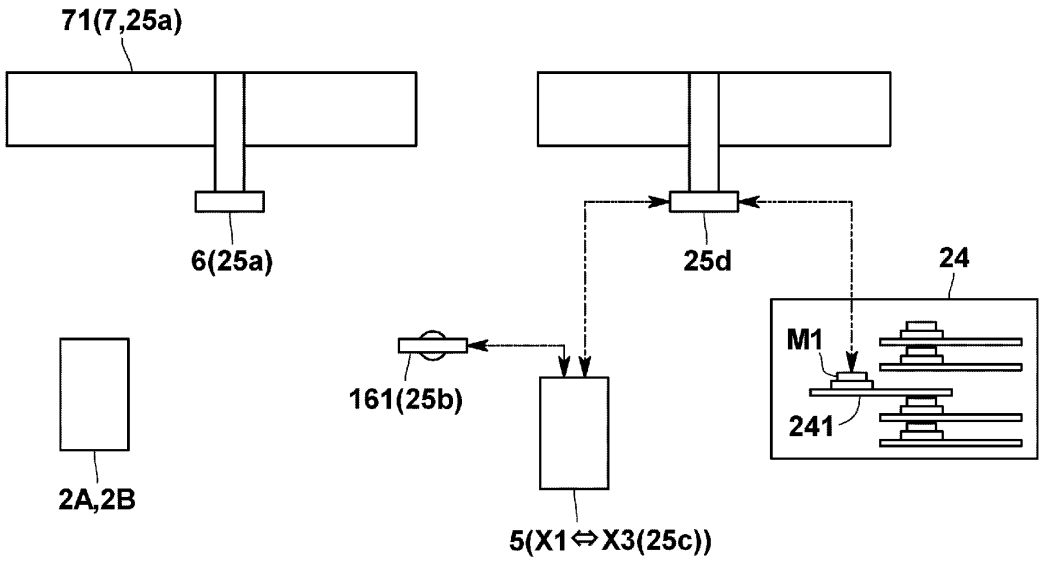


[図7]

(a)移載テーブルの保持用プレートの交換動作

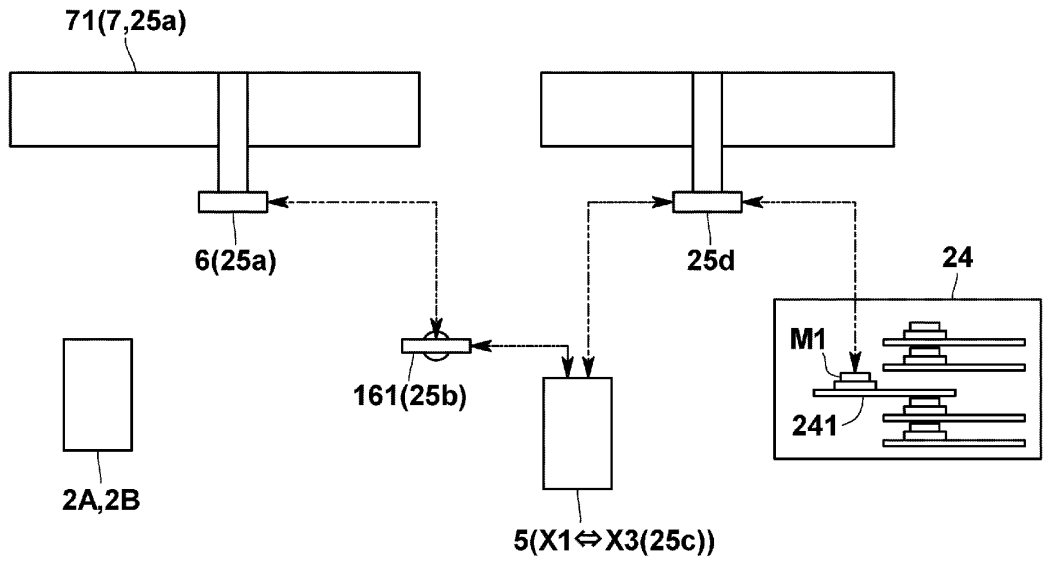


(b)保持テーブルの保持用プレートの交換動作

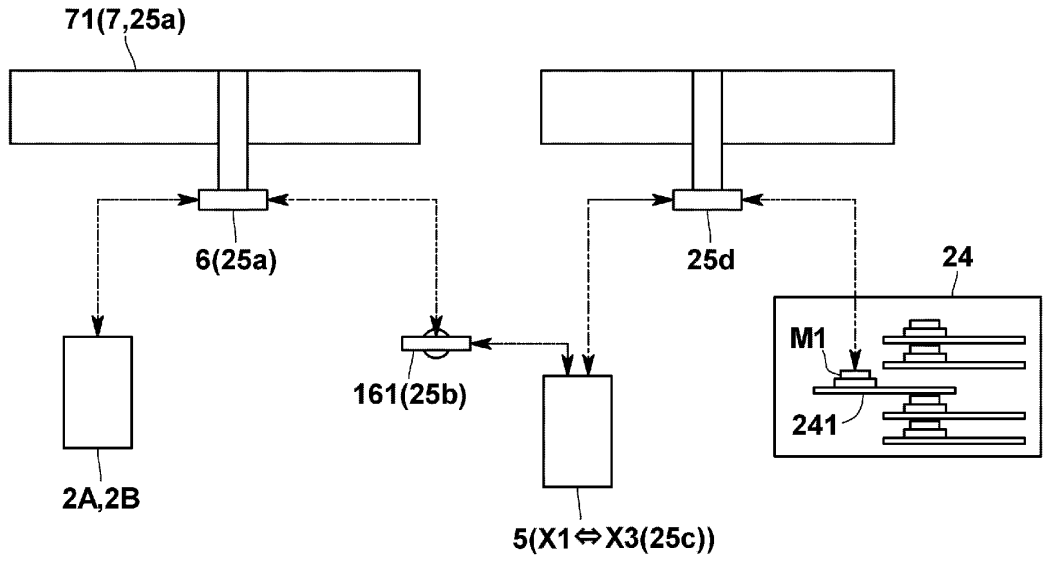


[図8]

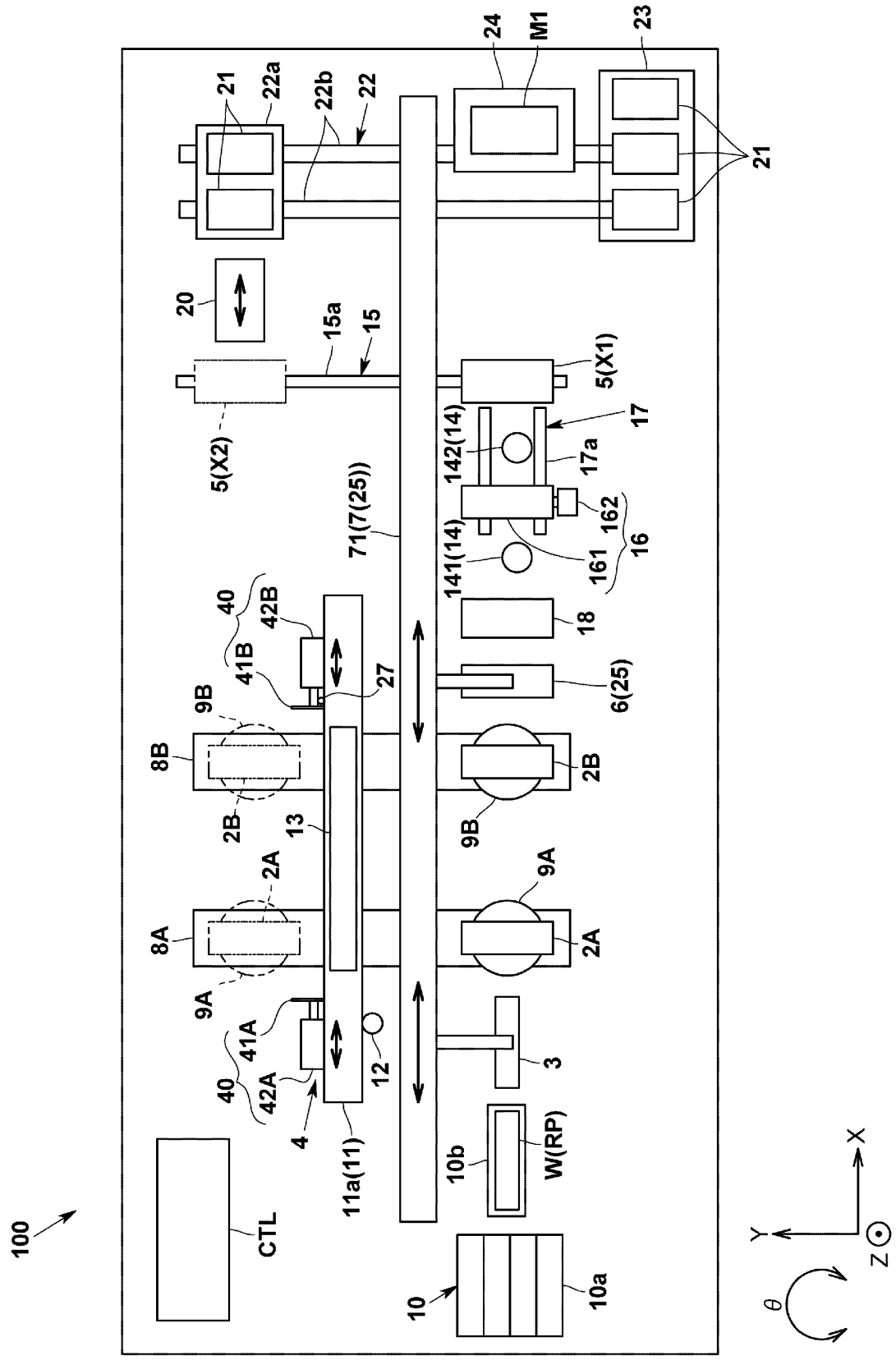
(a)第2保持機構の保持用プレートの交換動作



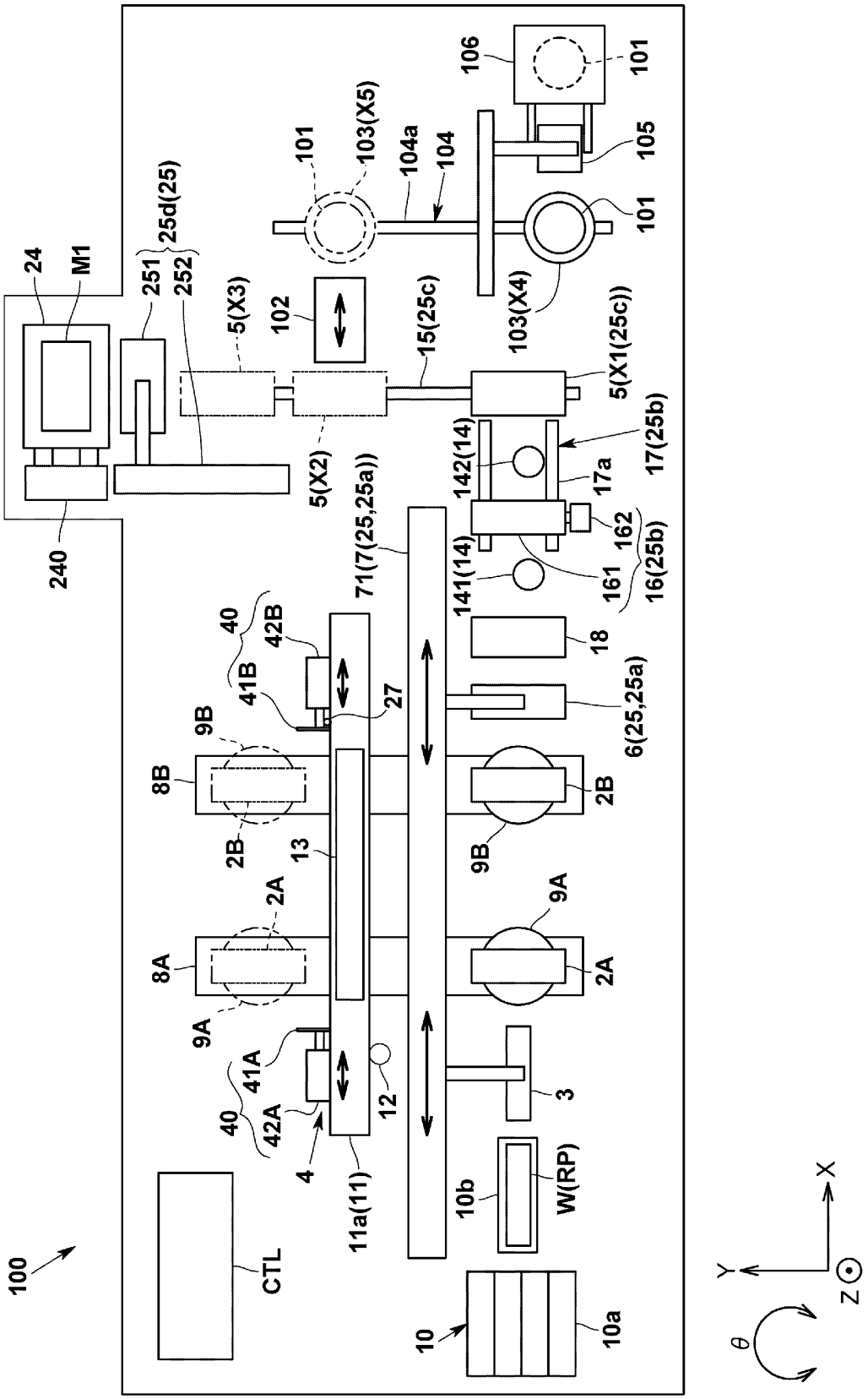
(b)切断用テーブルの保持用プレートの交換動作



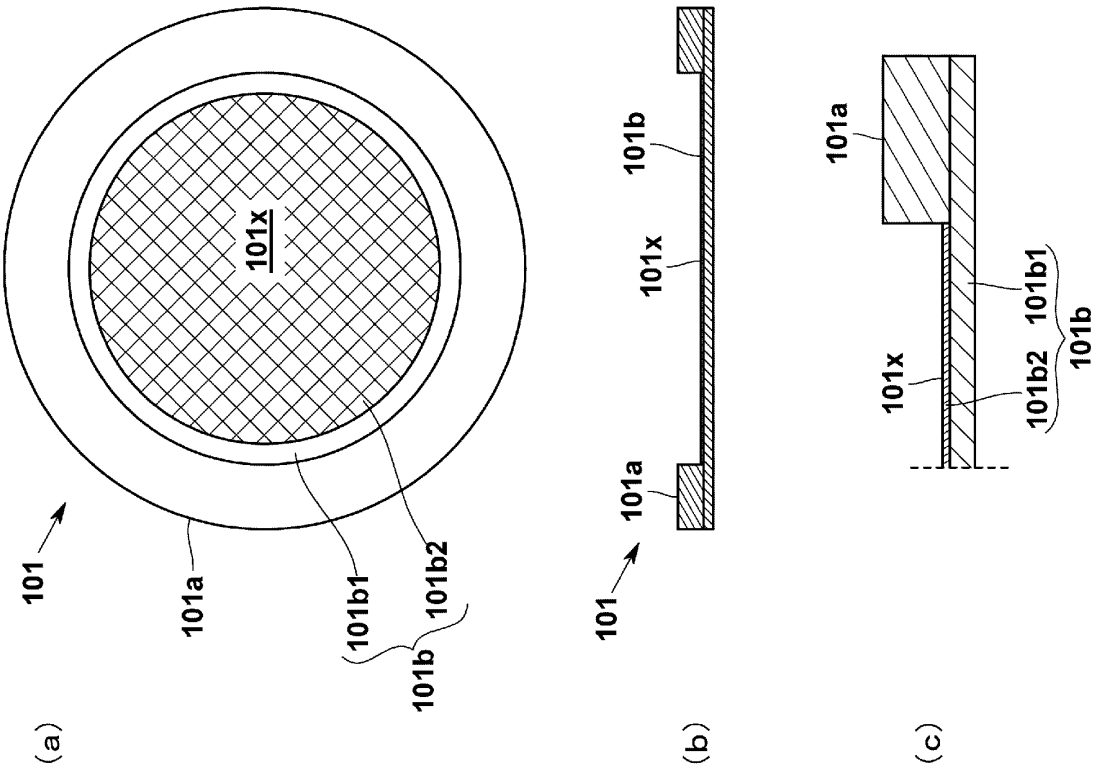
[図9]


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

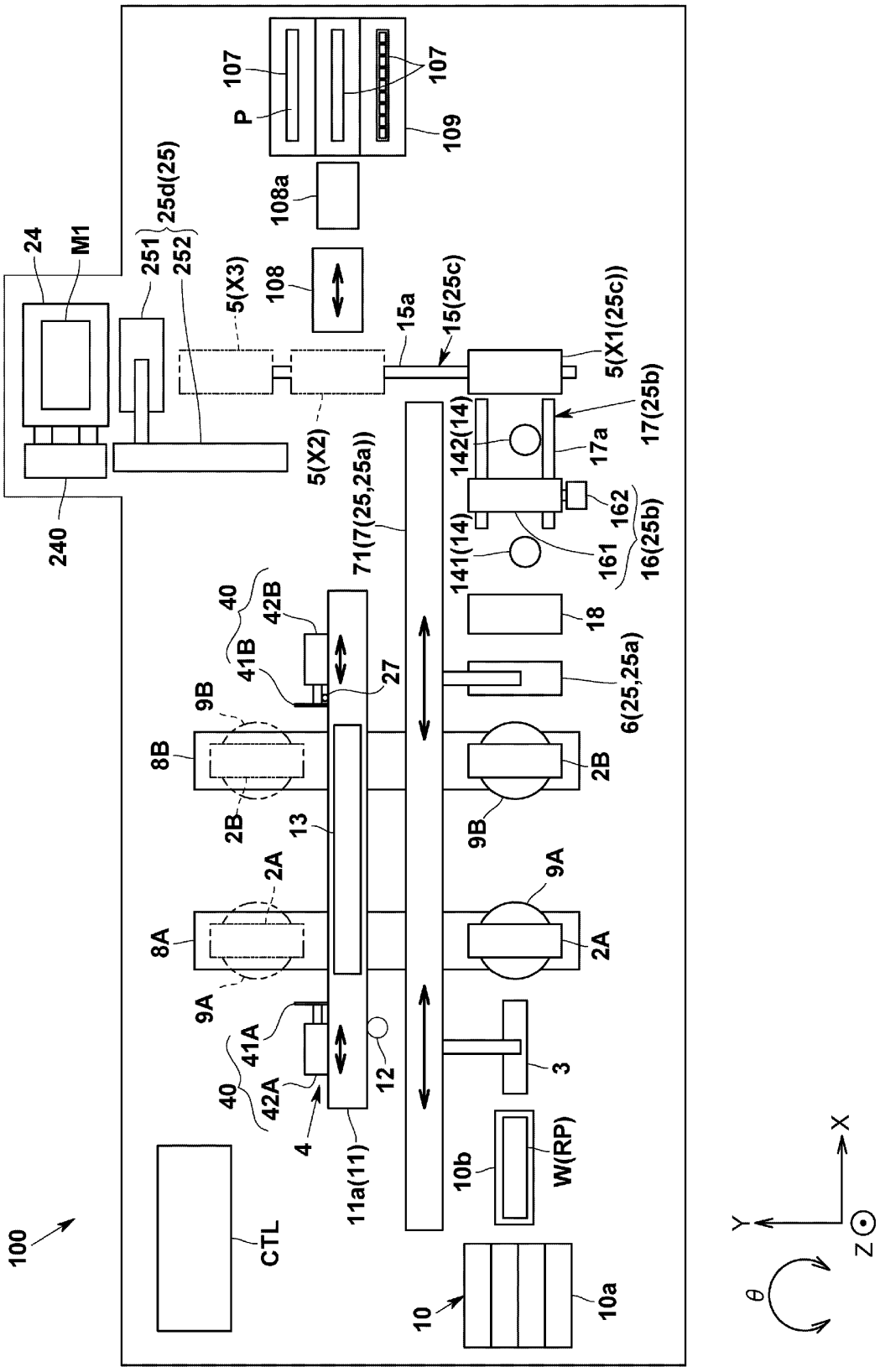
[図10]


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

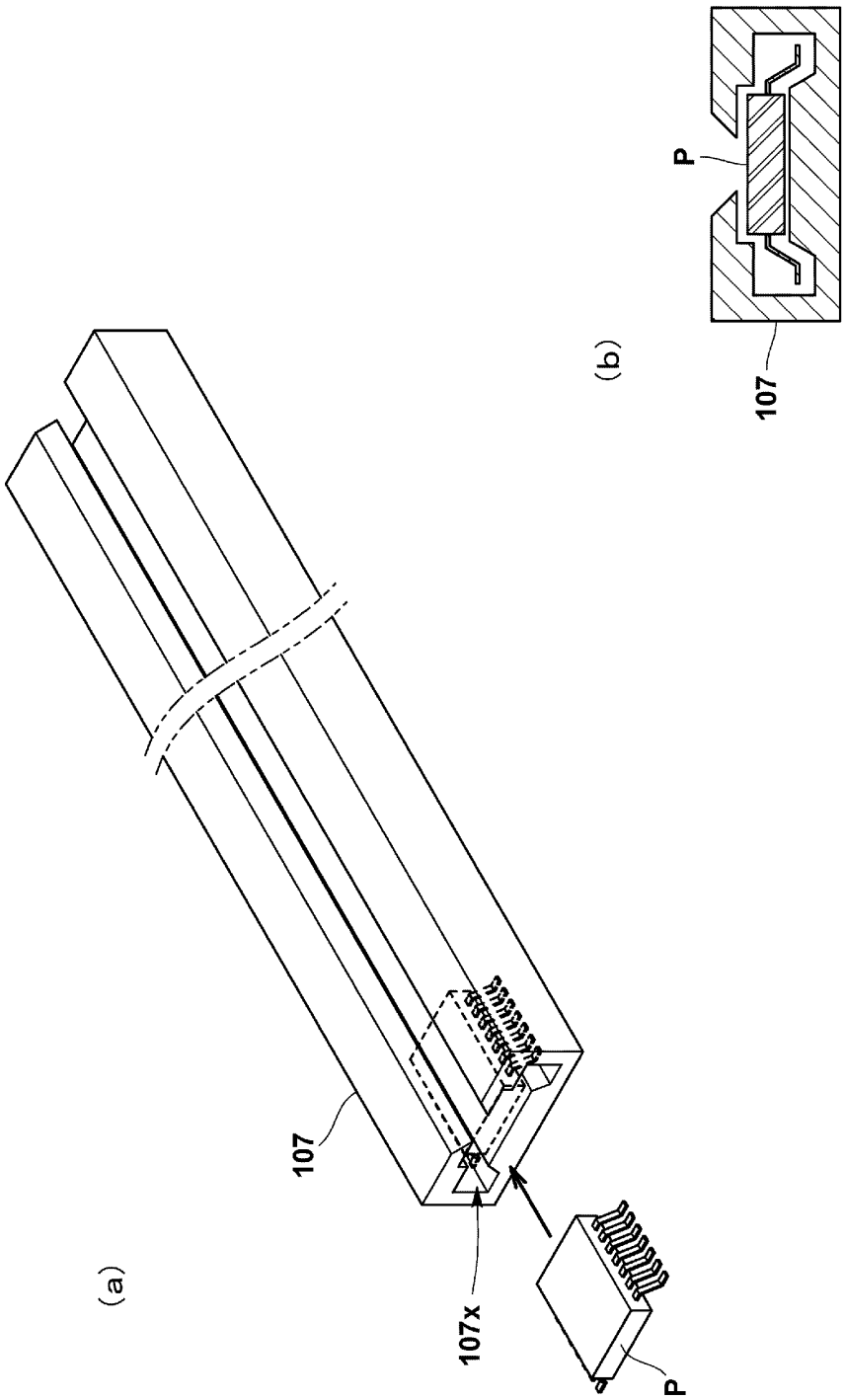
[図11]


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

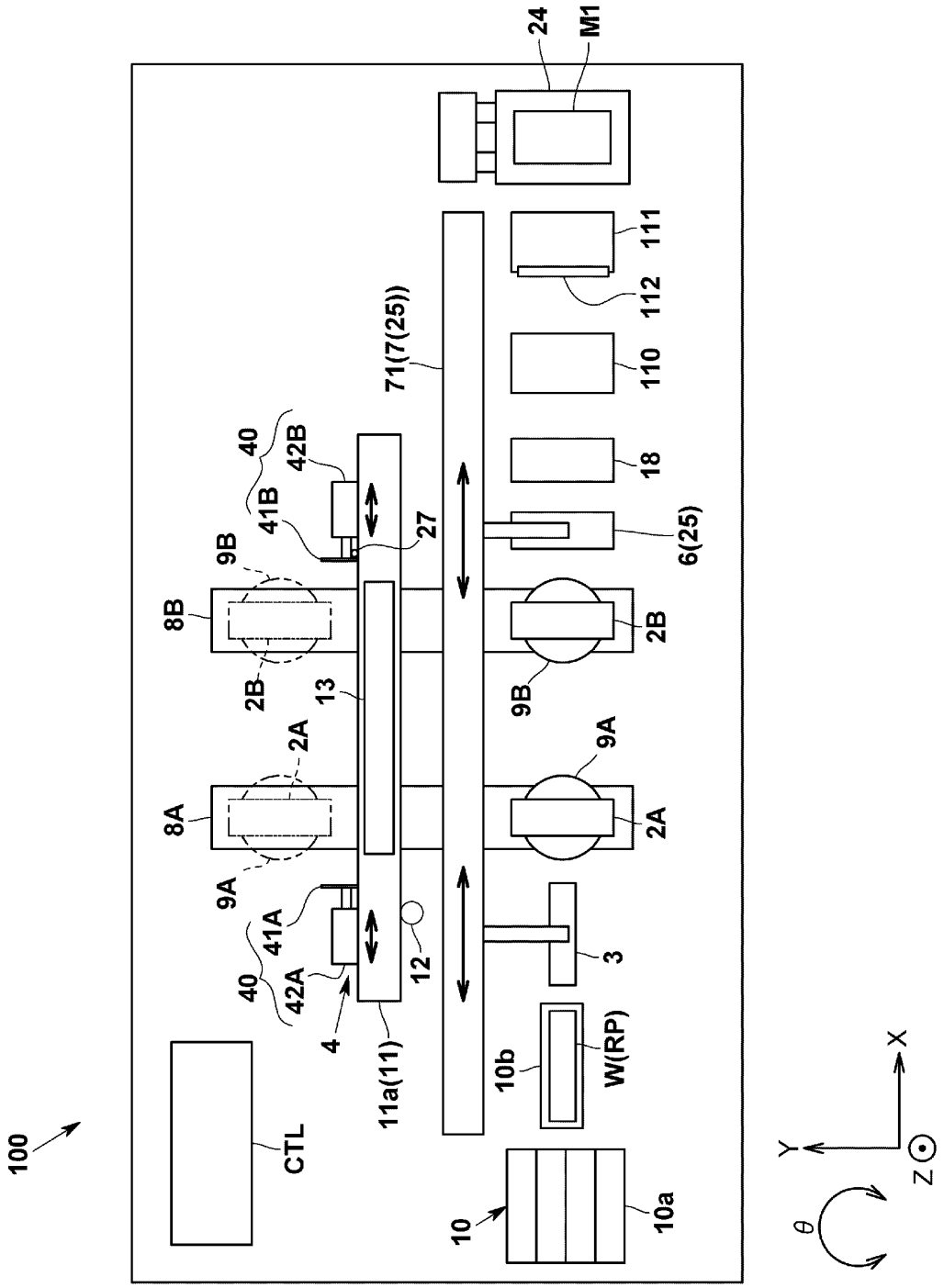
[図12]


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

[図13]



[図14]


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

[図15]

