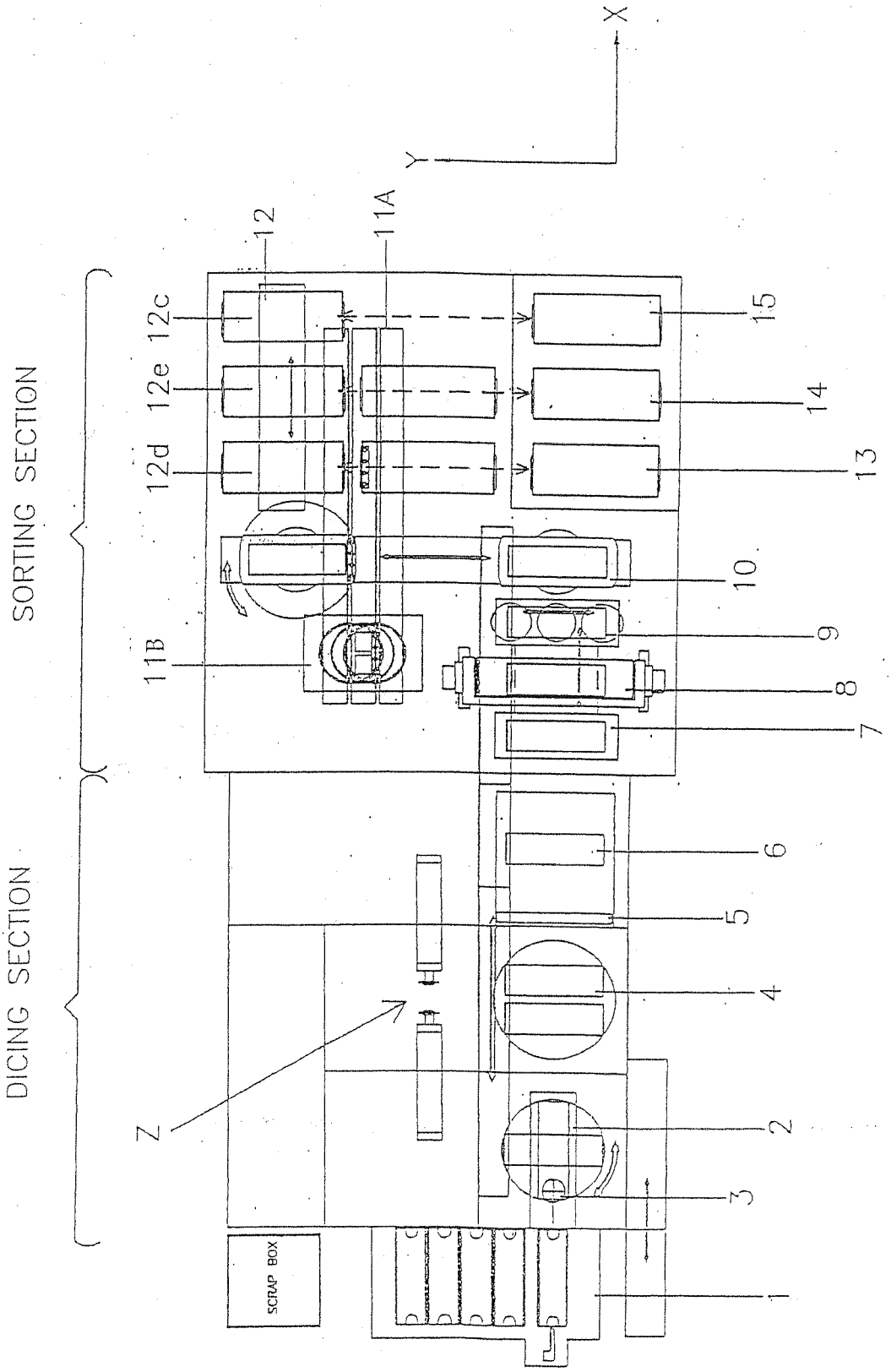

X
Y
Z
SORTING SECTION
DICING SECTION
SCRAP BOX
1
2
3
4
5
6
7
8
9
10
11A
11B
12
12c
12e
12d
13
14
15

Figure 1(a)

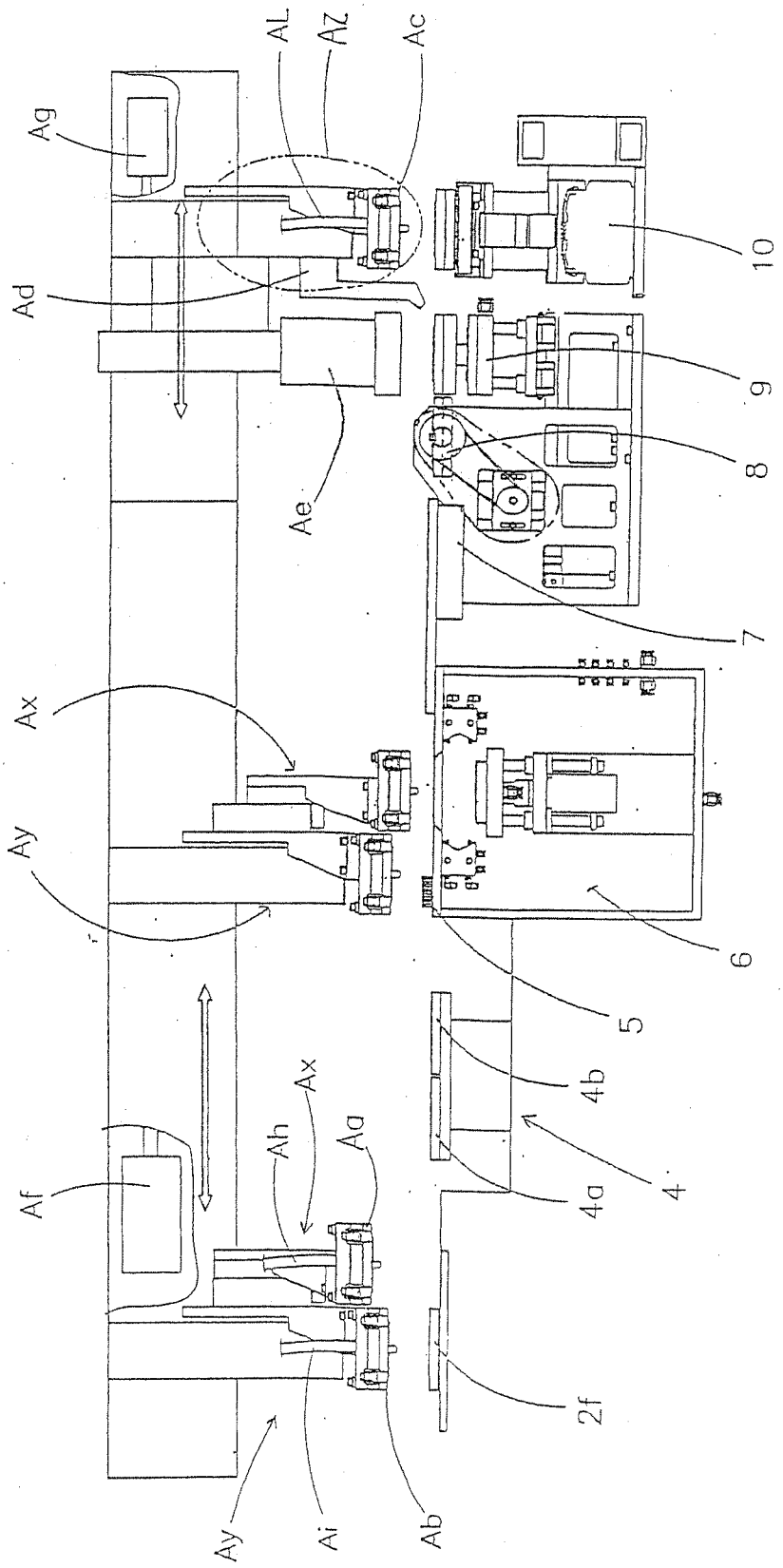


Figure 1(b)

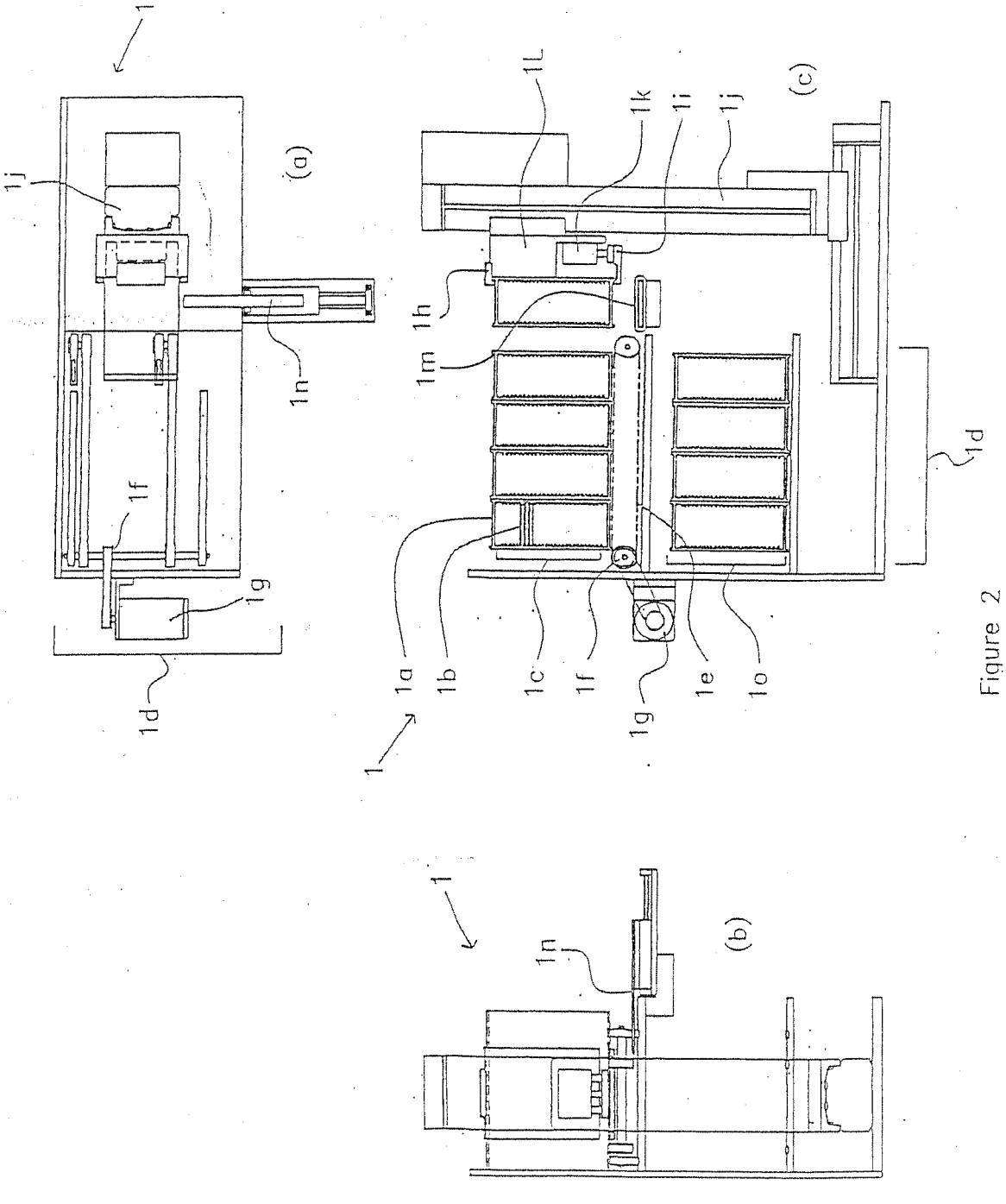


Figure 2

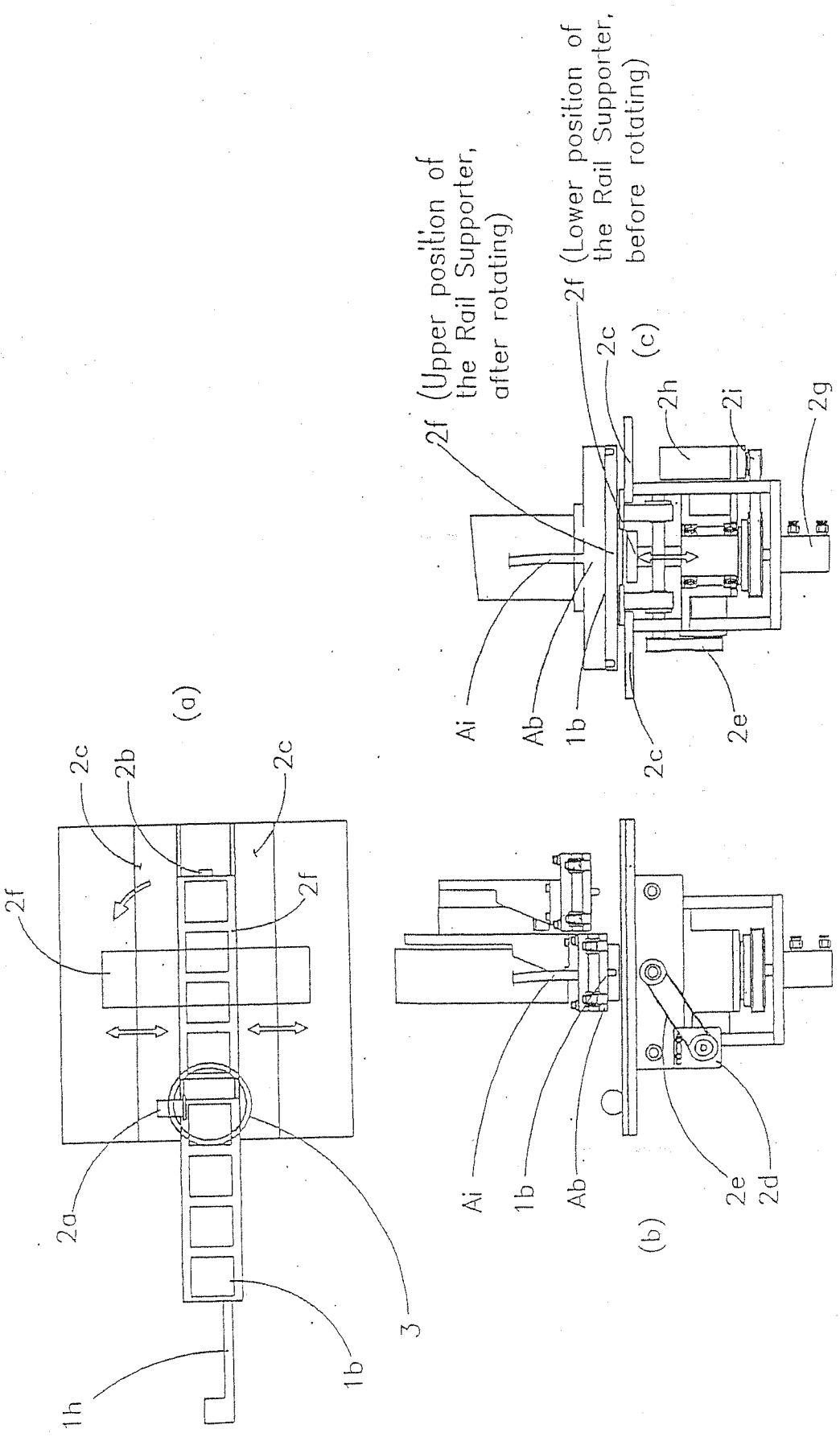

(a)
2c
2b
2c
2f
2f
2a
3
1b
1h
(b)
Ai
1b
Ab
2e
2d
(c)
2f (Upper position of the Rail Supporter, after rotating)
2f (Lower position of the Rail Supporter, before rotating)
2c
2h
2i
2g
Ai
Ab
1b
2c
2e

Figure 3

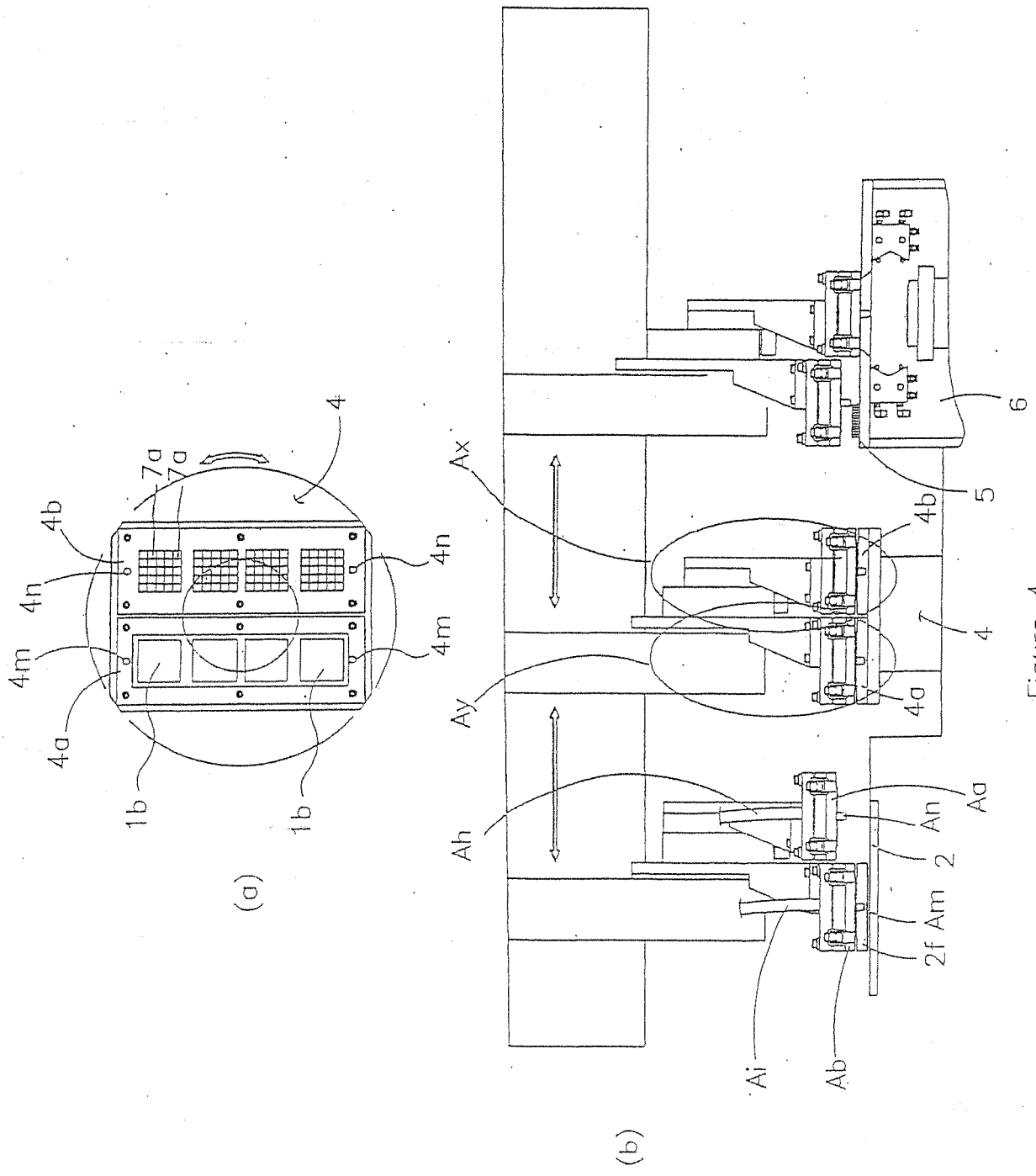


Figure 4

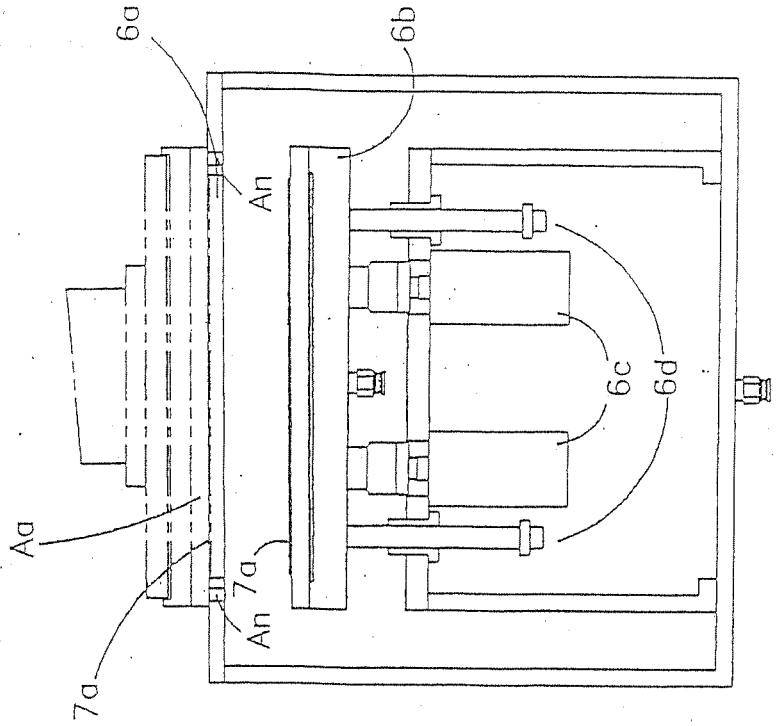


Figure 6

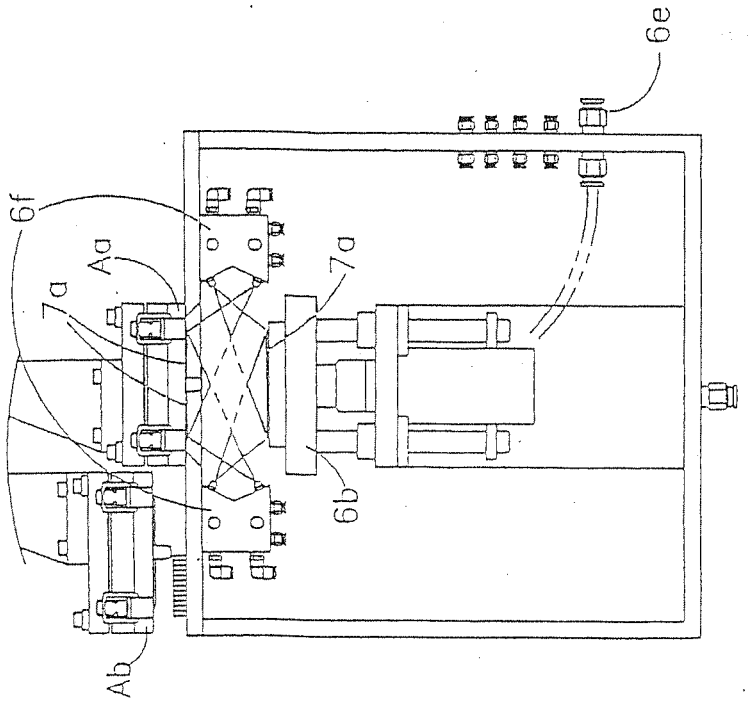


Figure 5

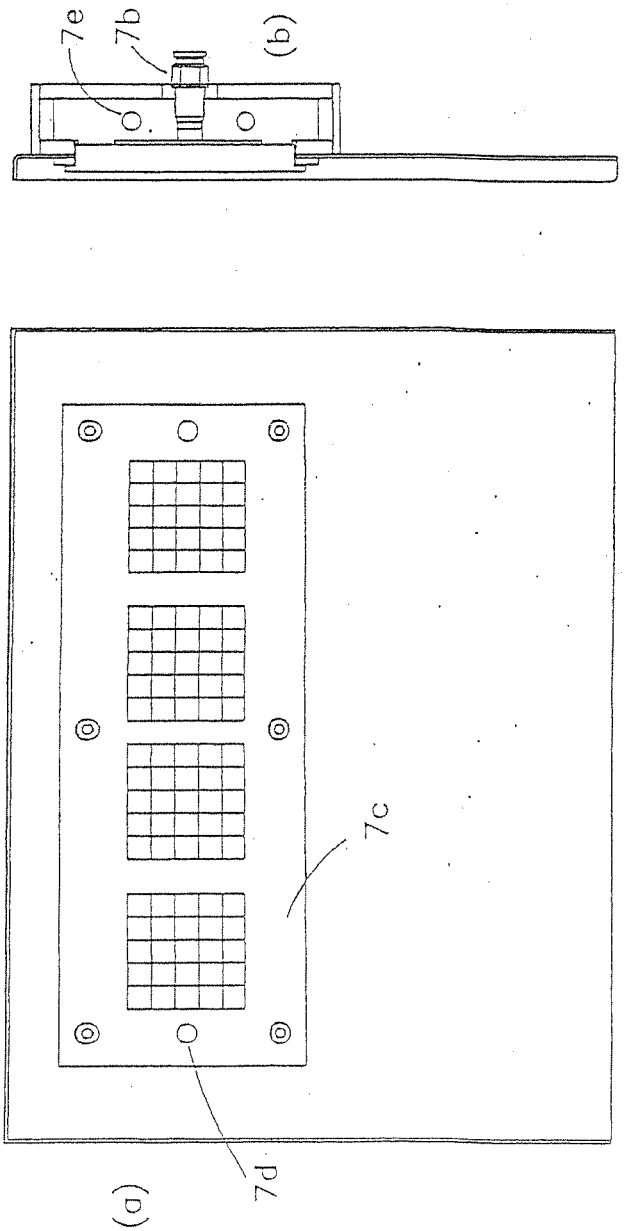


Figure 7

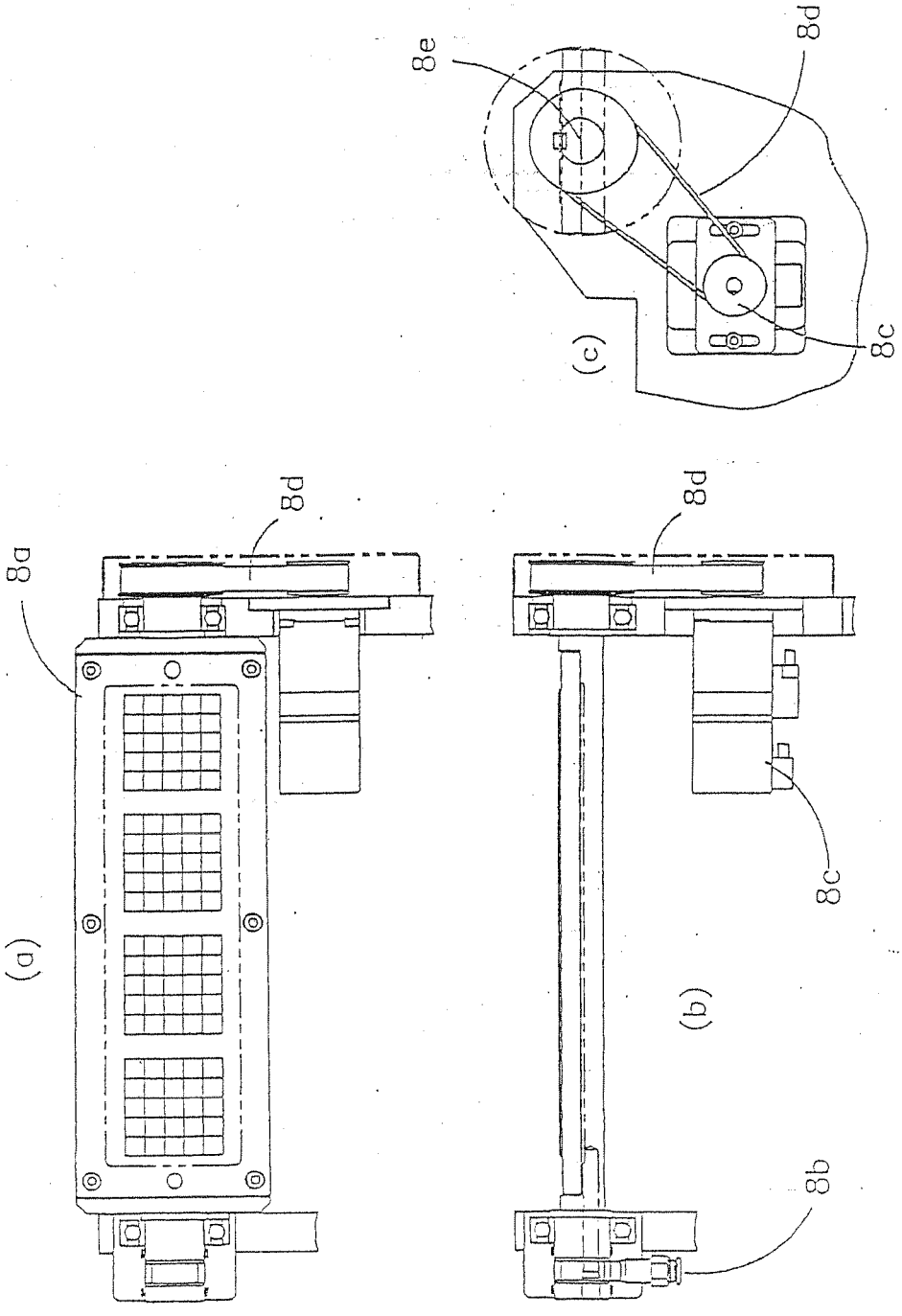


Figure 8

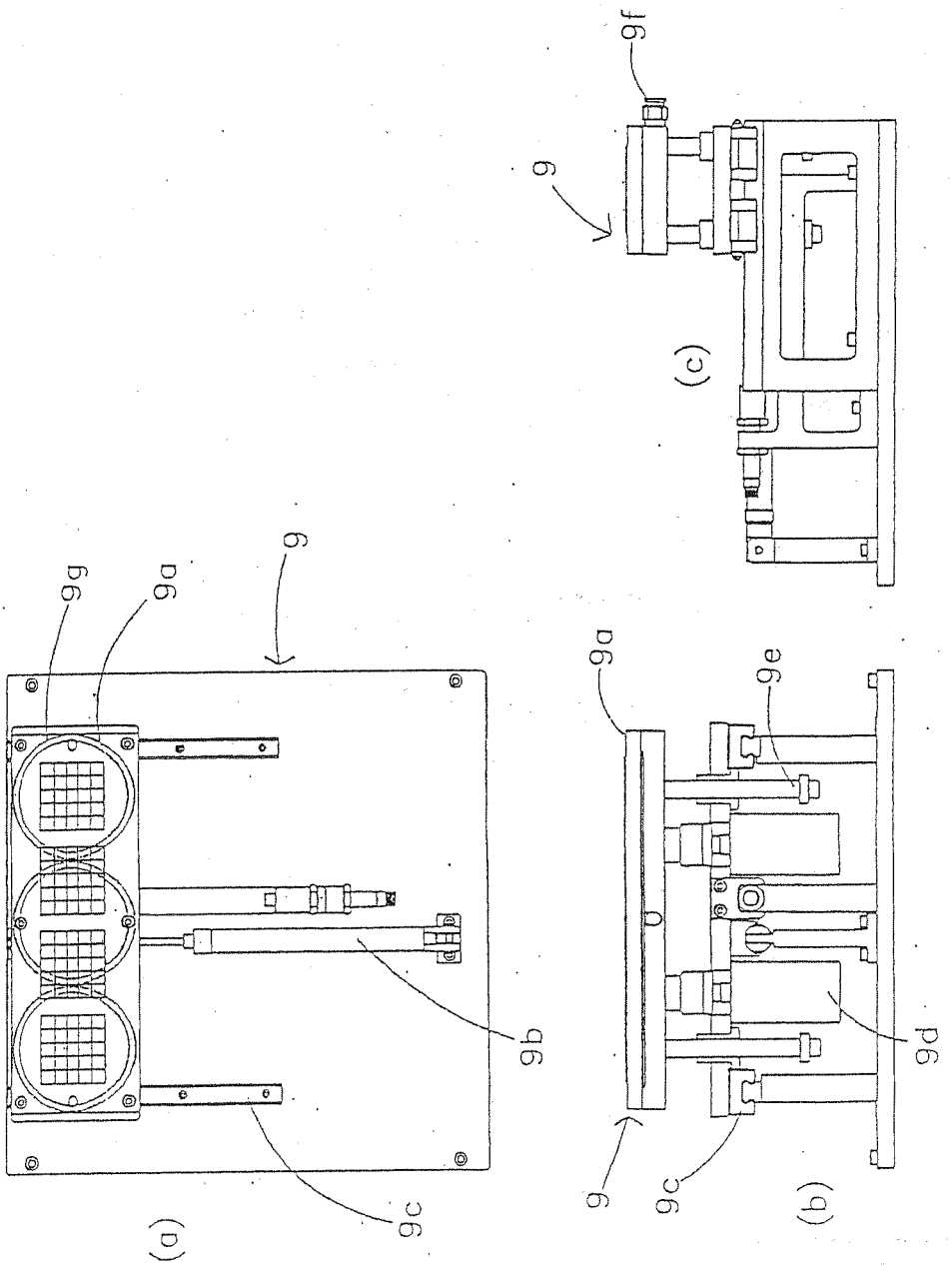


Figure 9

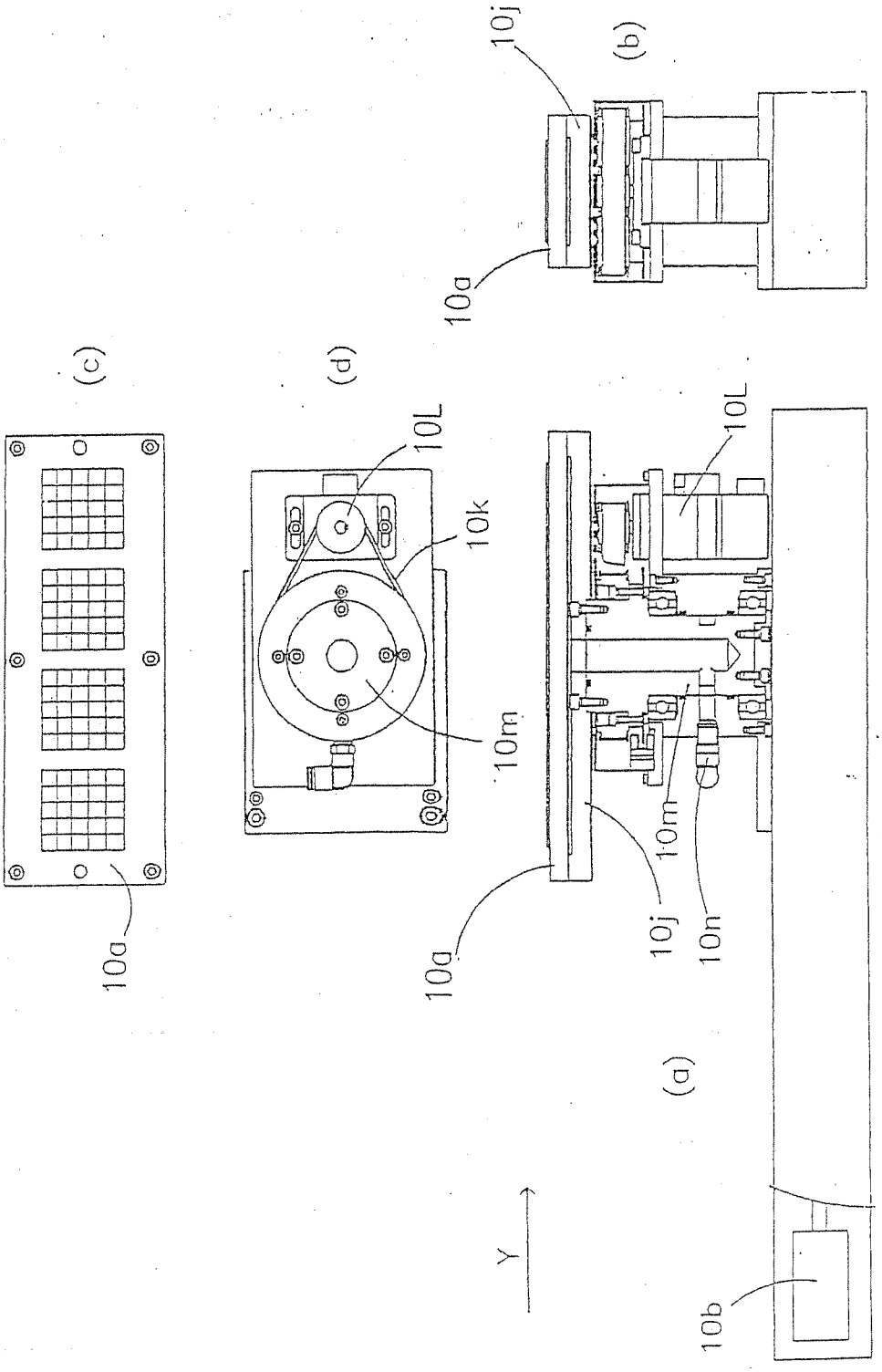


Figure 10(a)

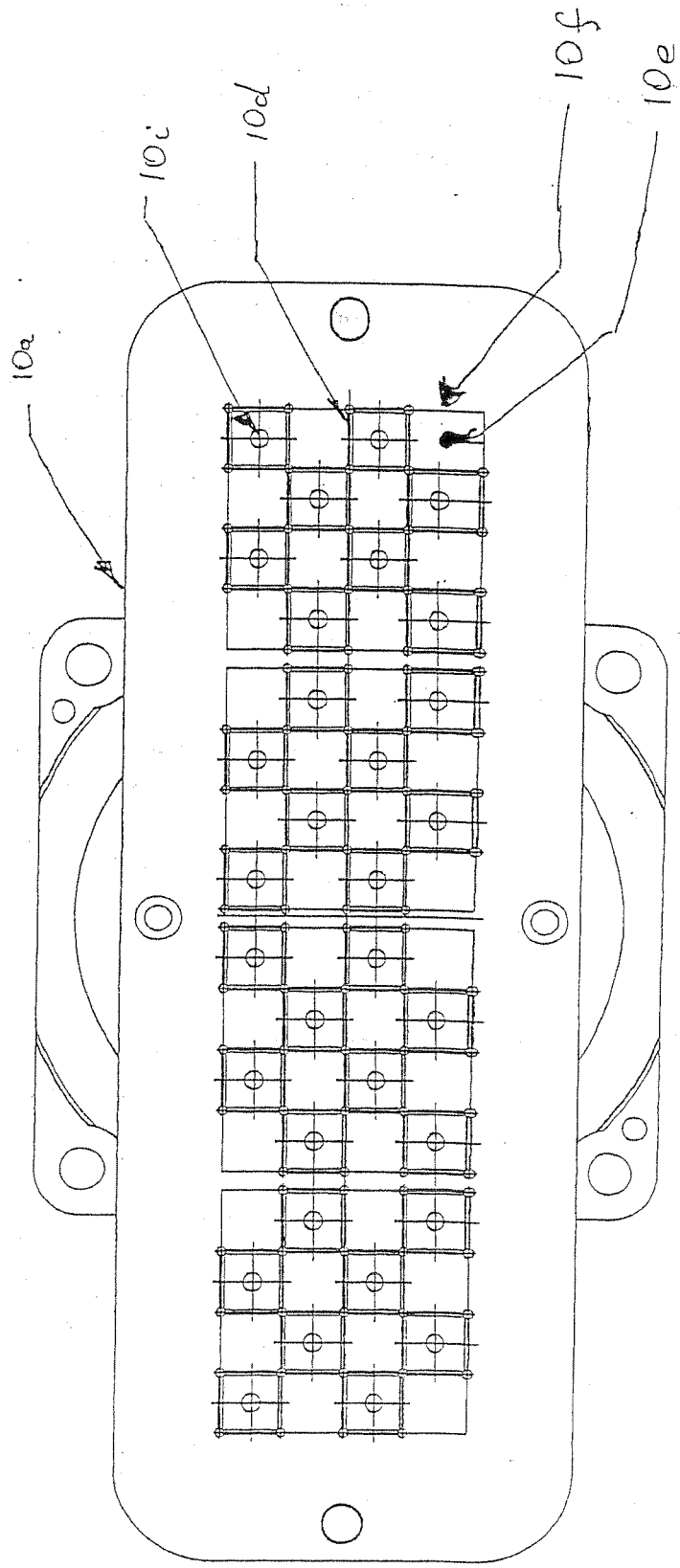


FIGURE 10(b)

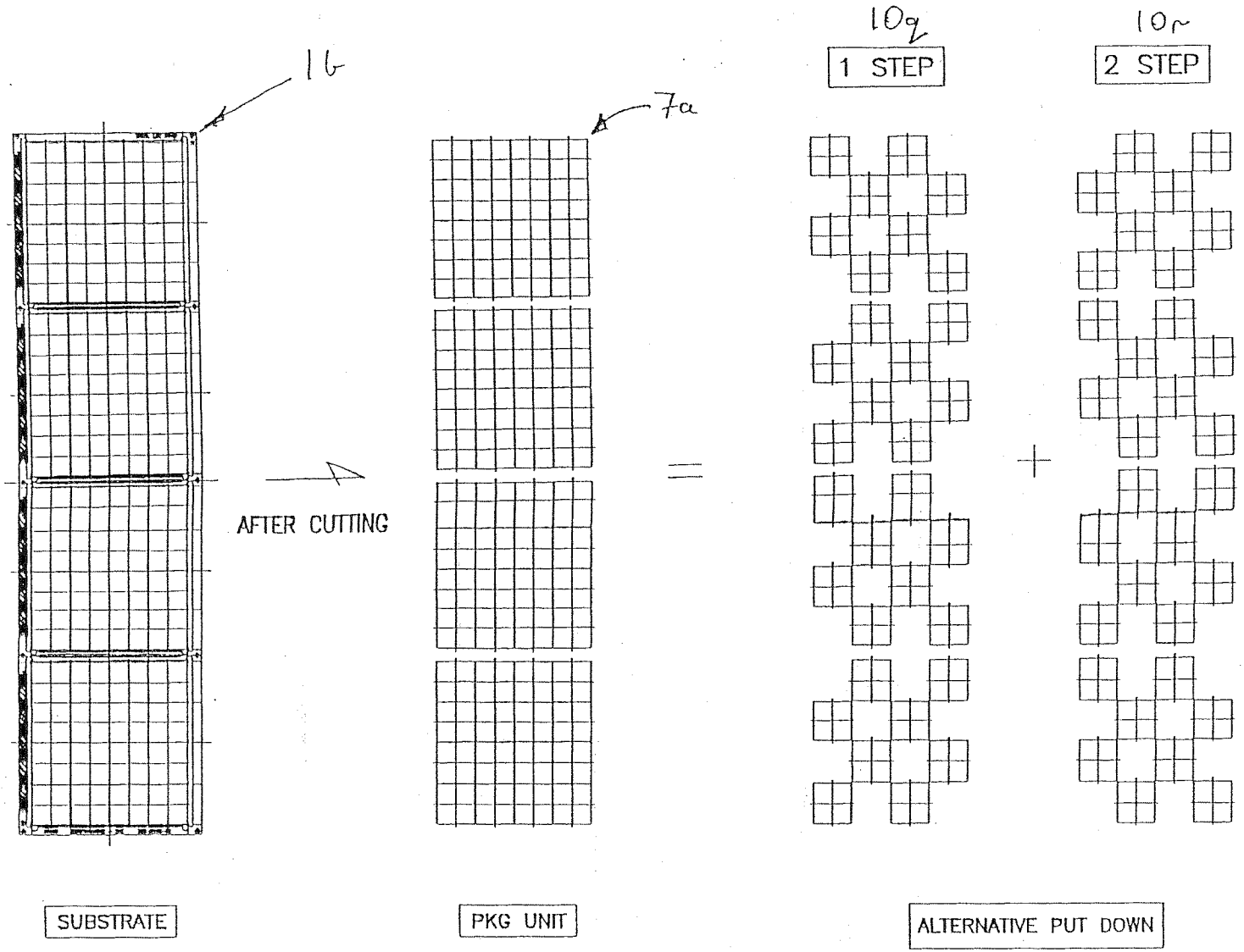

16
7a
10q
1 STEP
10r
2 STEP
AFTER CUTTING
=
+
SUBSTRATE
PKG UNIT
ALTERNATIVE PUT DOWN

FIGURE 10(e)

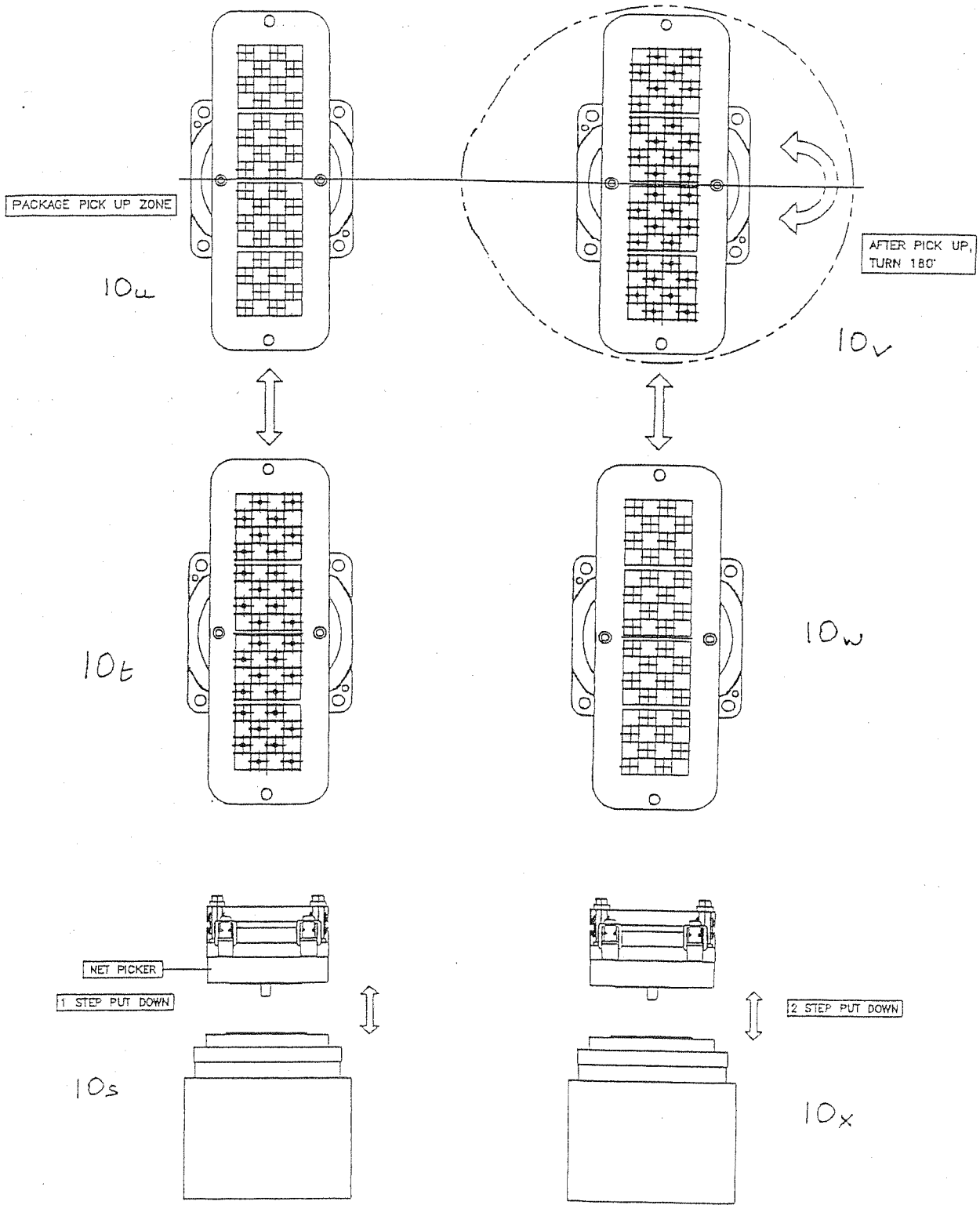

PACKAGE PICK UP ZONE
10u
AFTER PICK UP, TURN 180°
10v
10t
10w
NET PICKER
1 STEP PUT DOWN
10s
2 STEP PUT DOWN
10x

FIGURE 10(b)

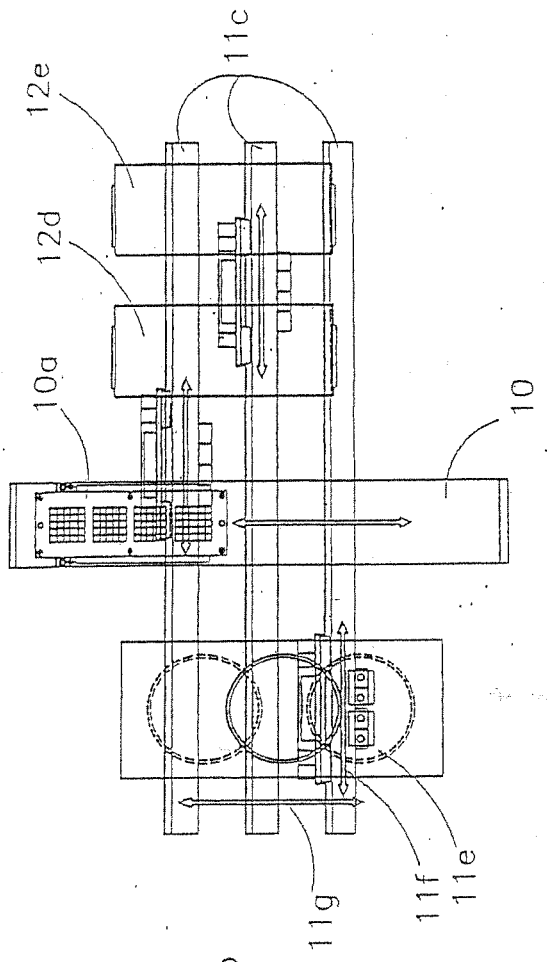


FIGURE 1(a)

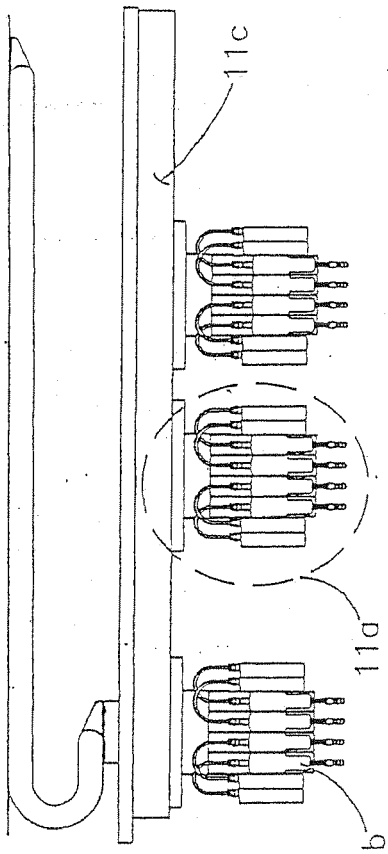


FIGURE 11(c)

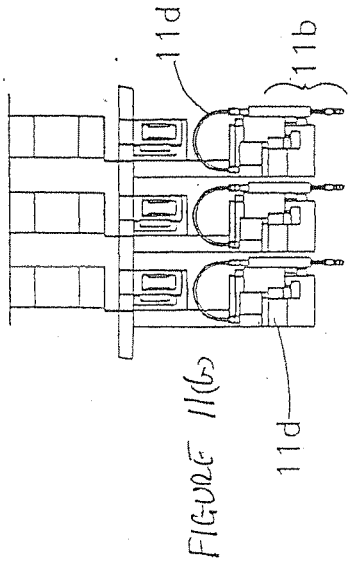


FIGURE 11(b)

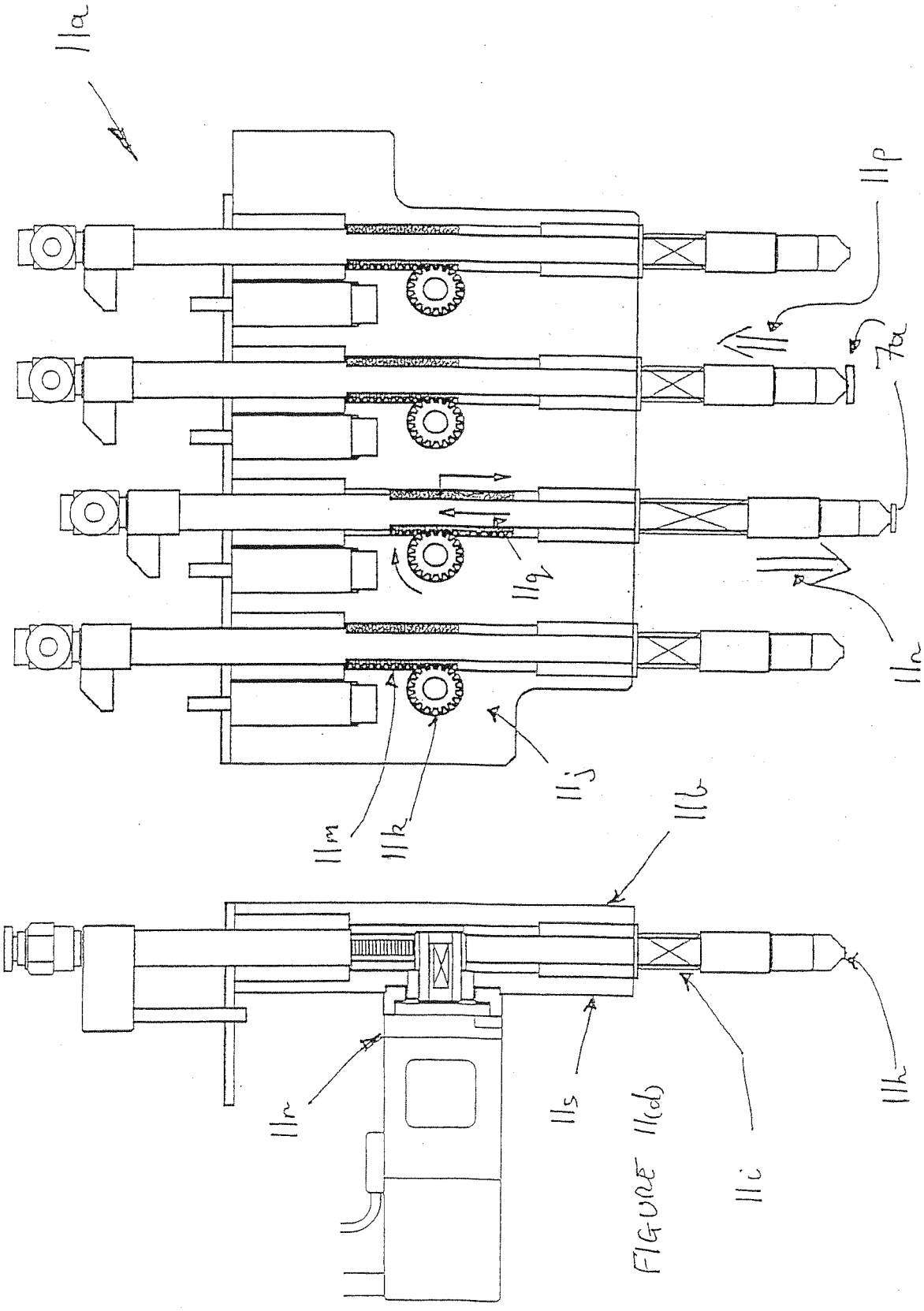


FIGURE 11(e)

FIGURE 11(ab)

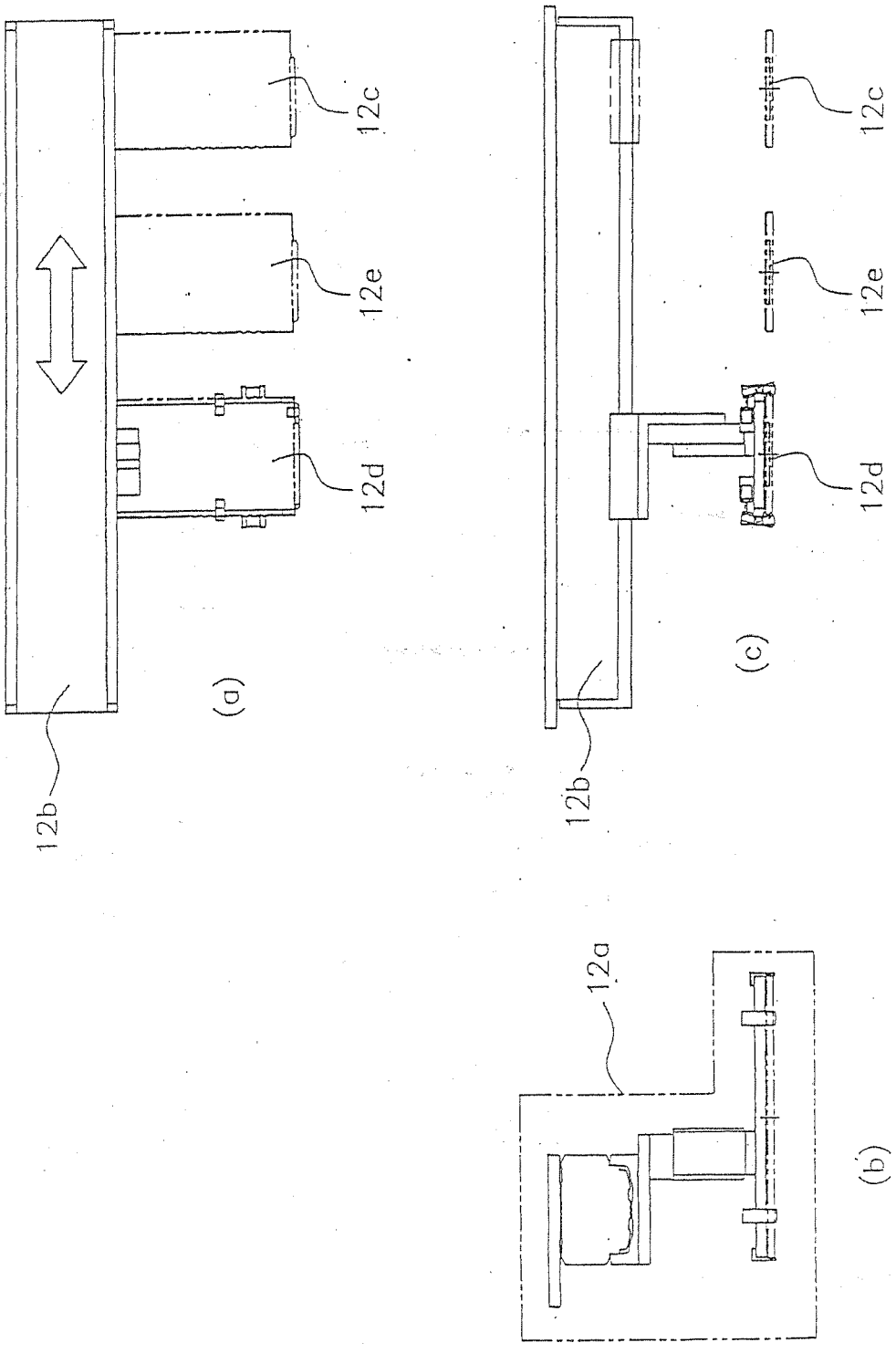


Figure 12

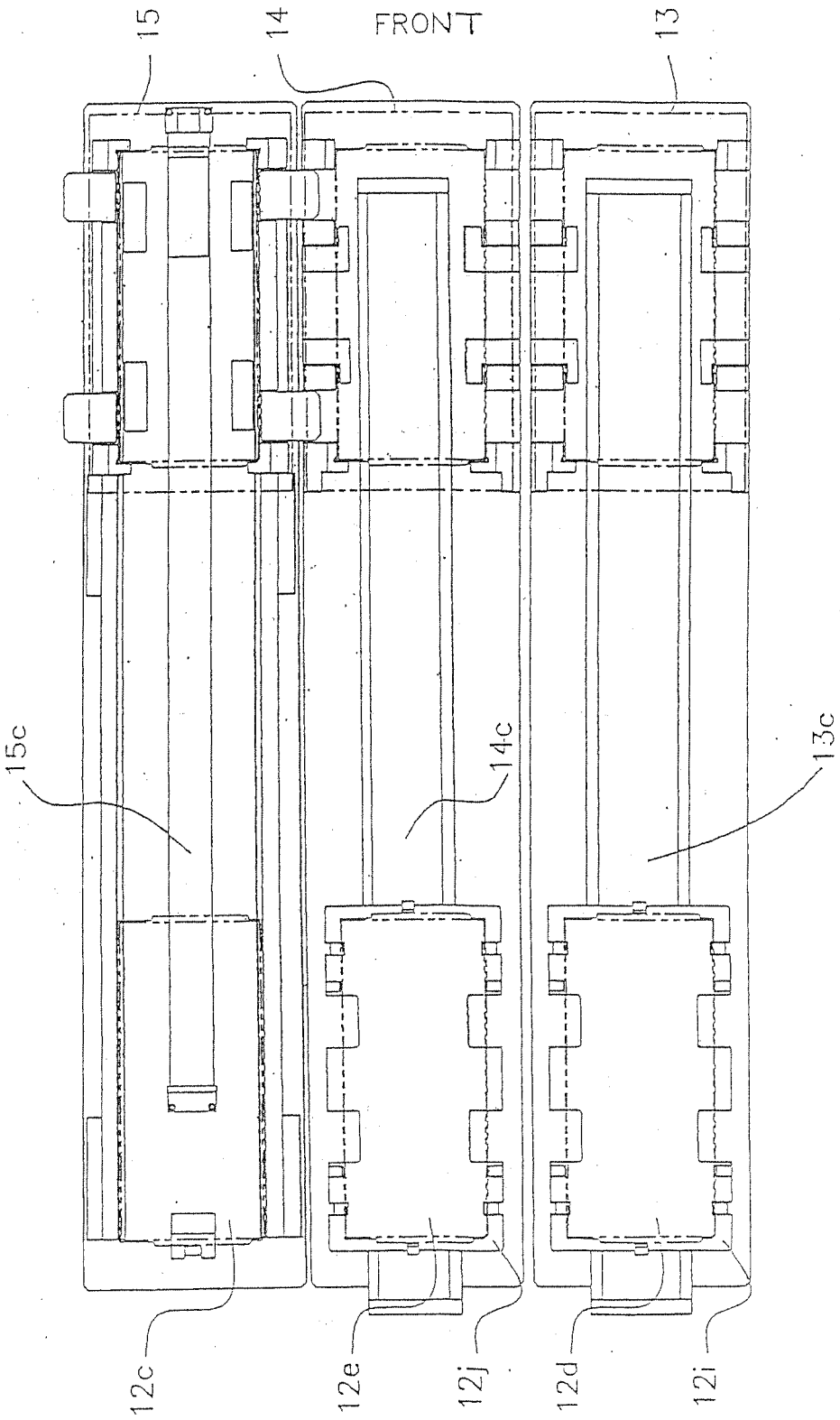


Figure 13

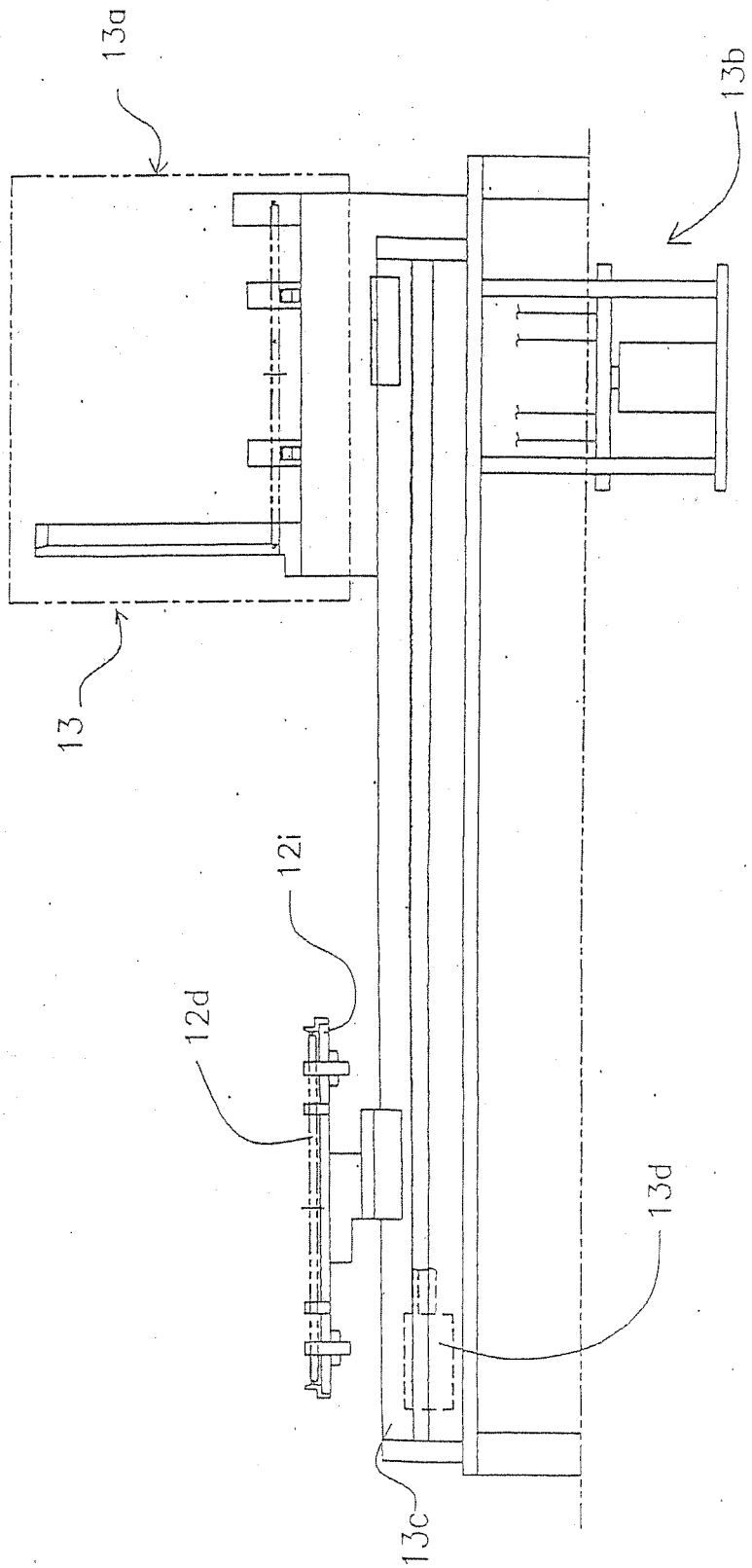


Figure 14(a)

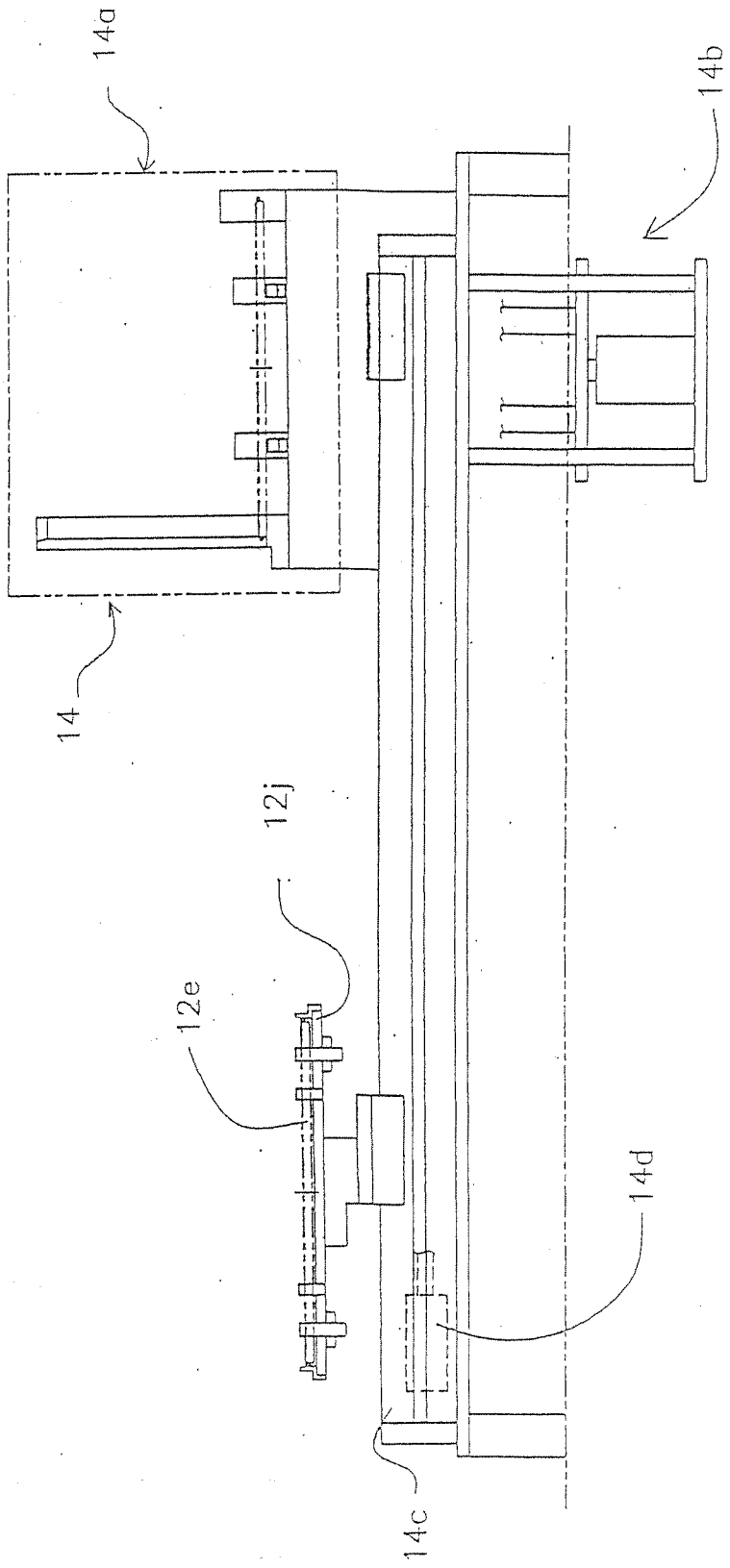


Figure 14(b)

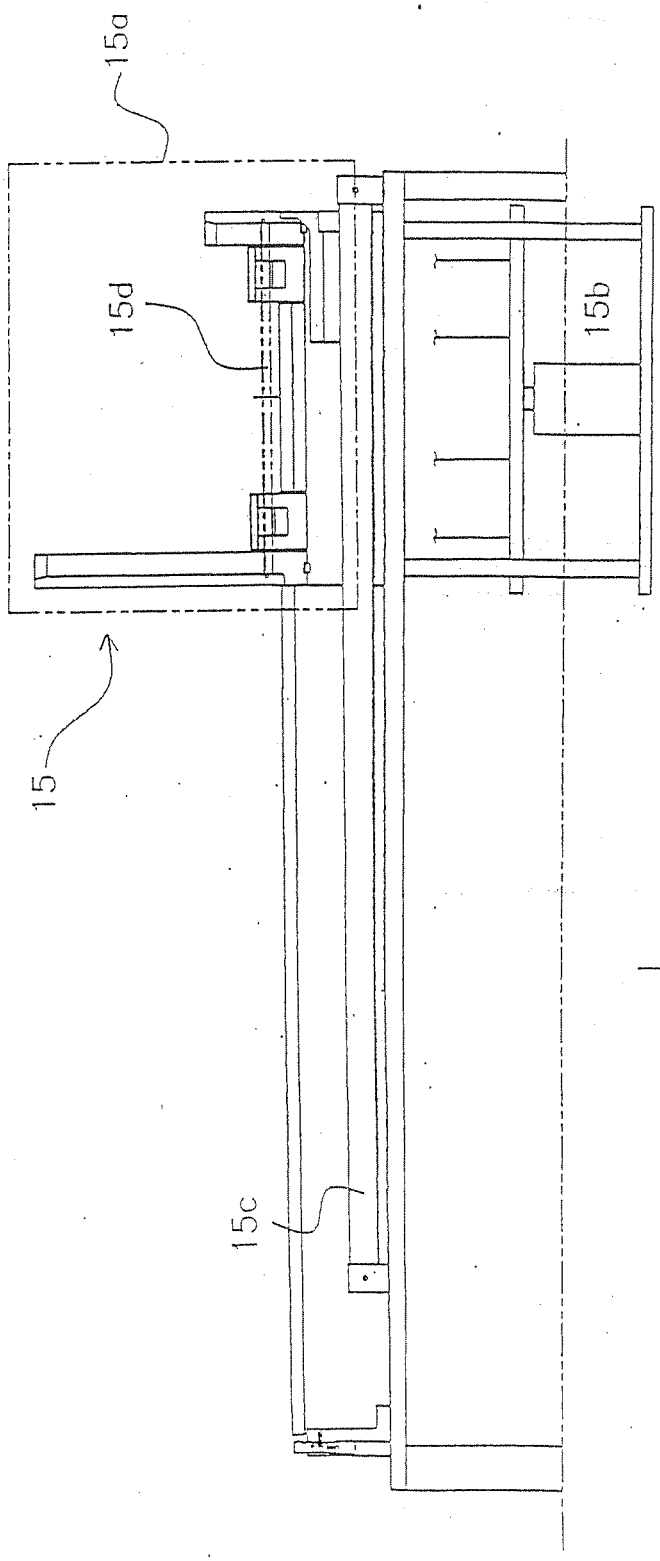


Figure 15