FIG. 1

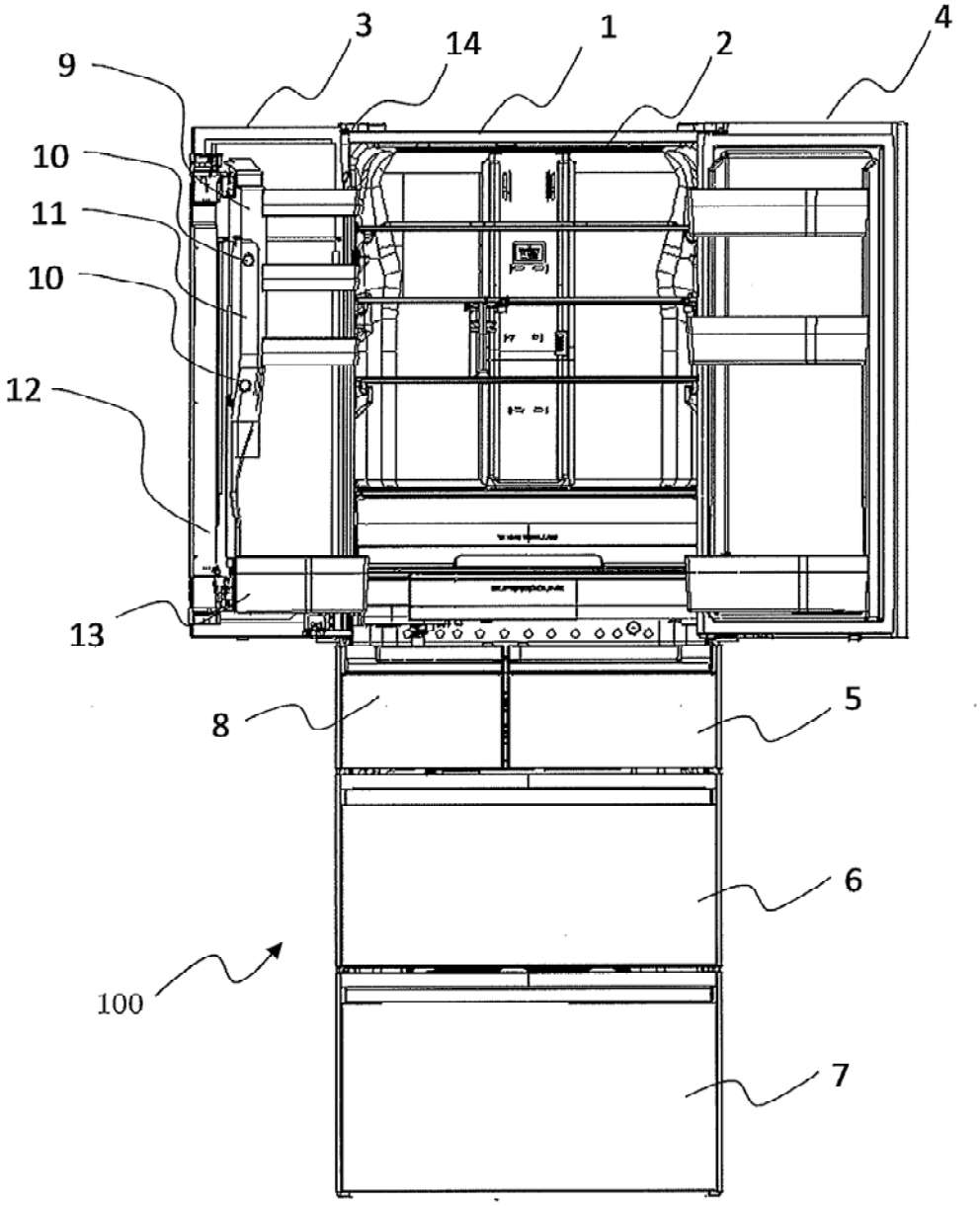


FIG. 2

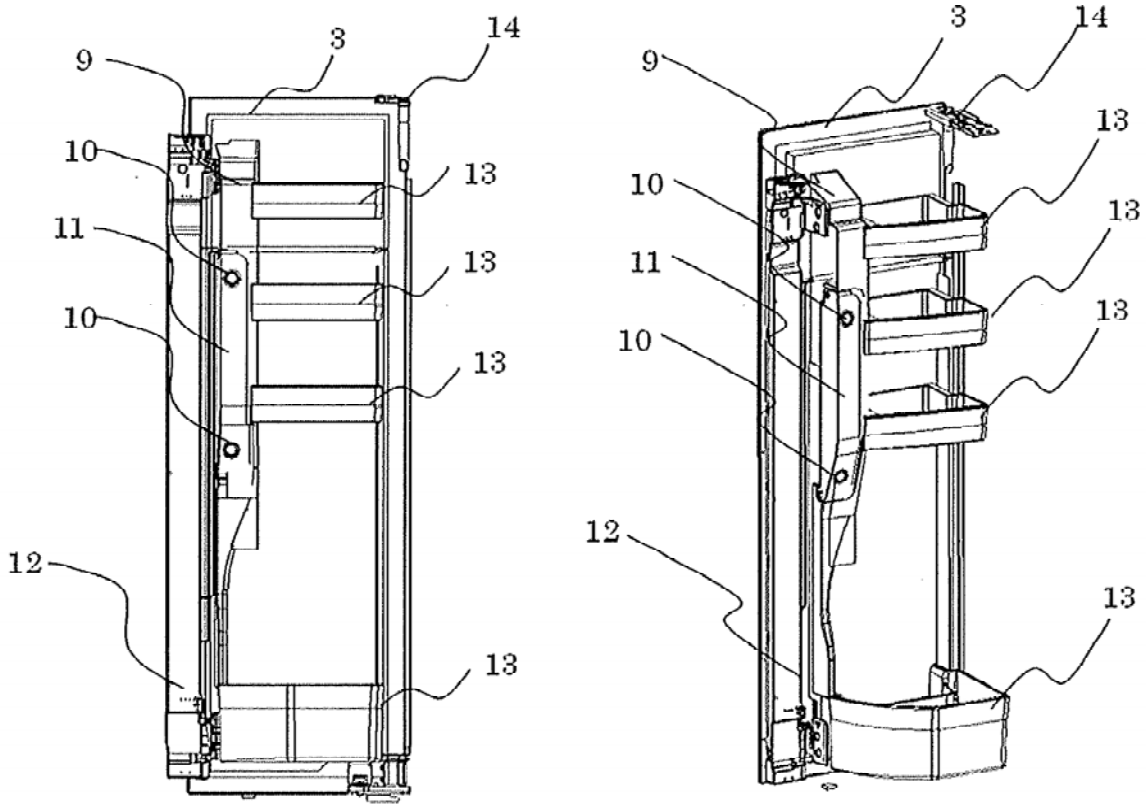


FIG. 3

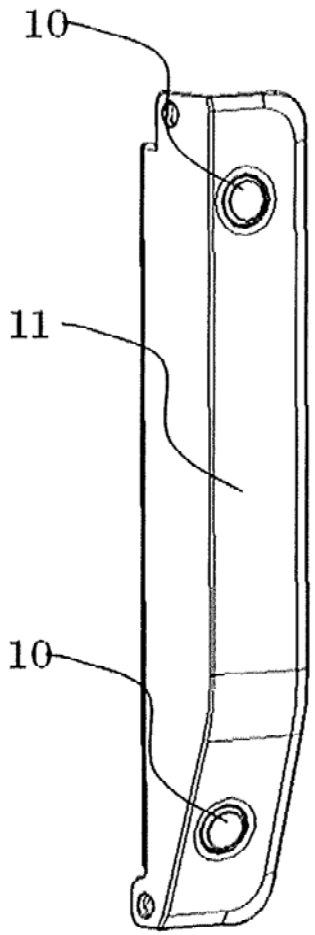


FIG. 4

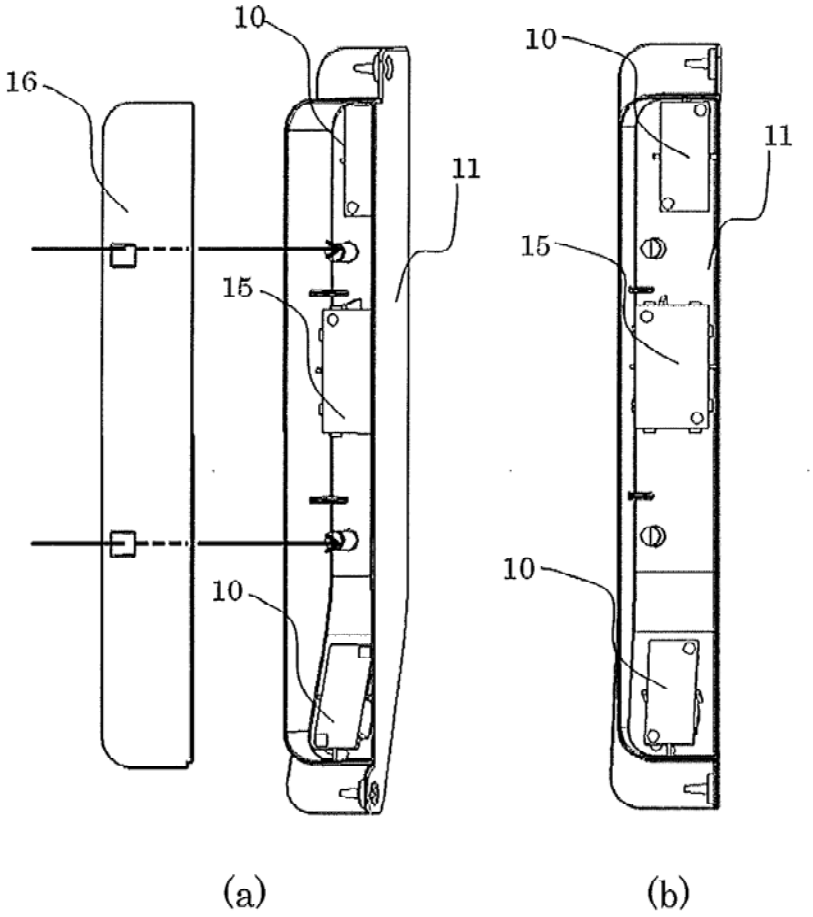


FIG. 5

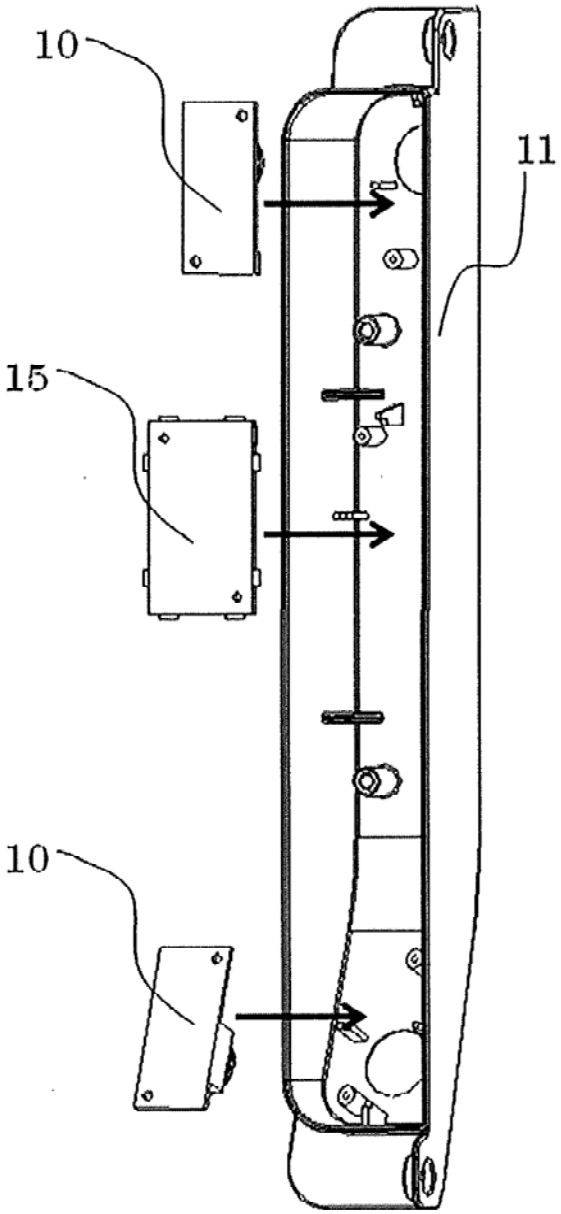


FIG. 6

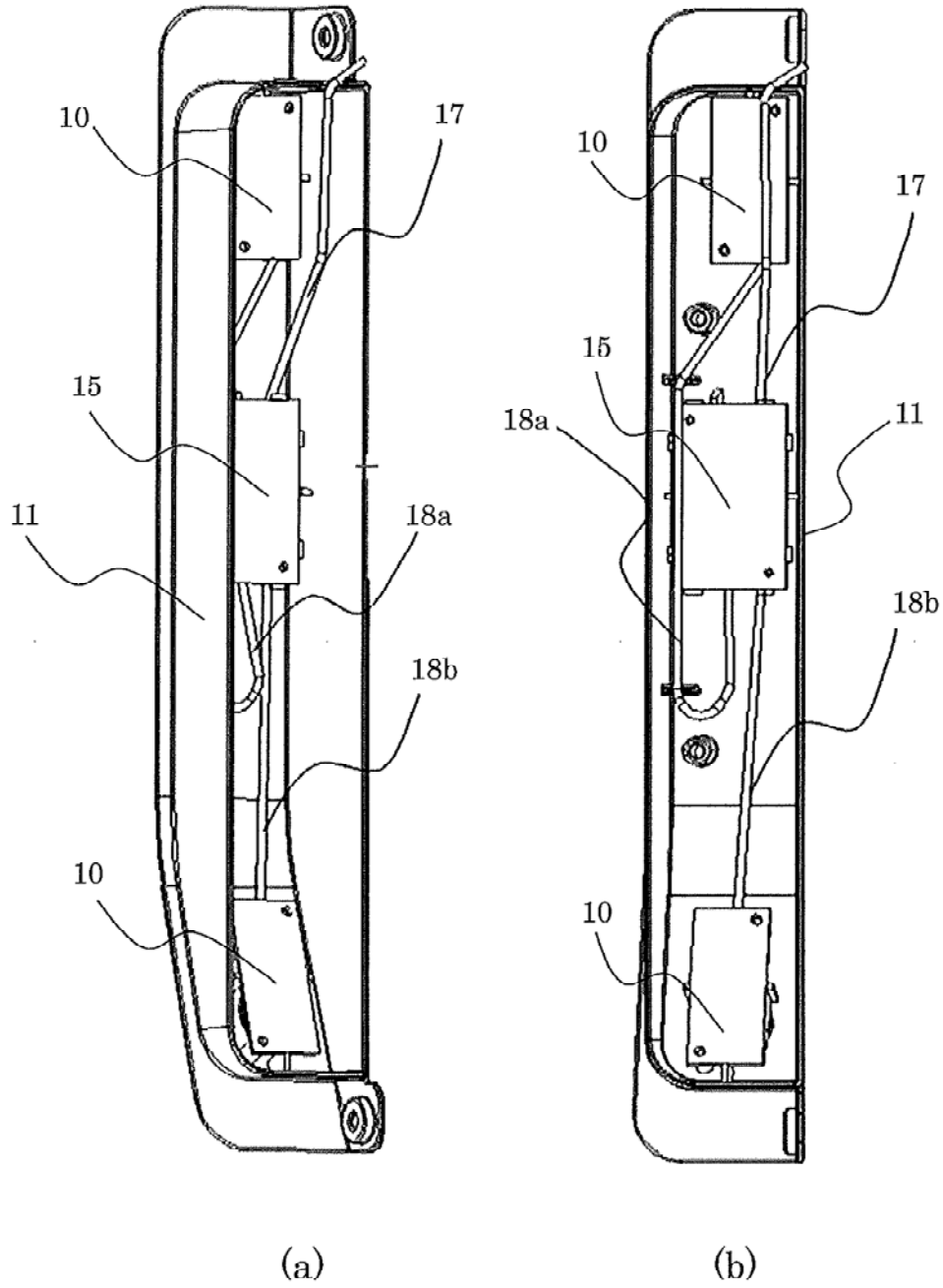
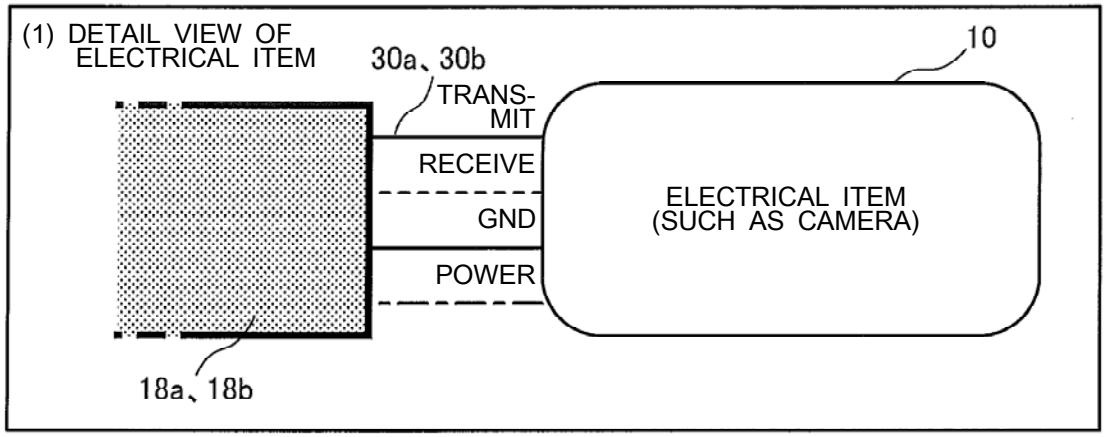
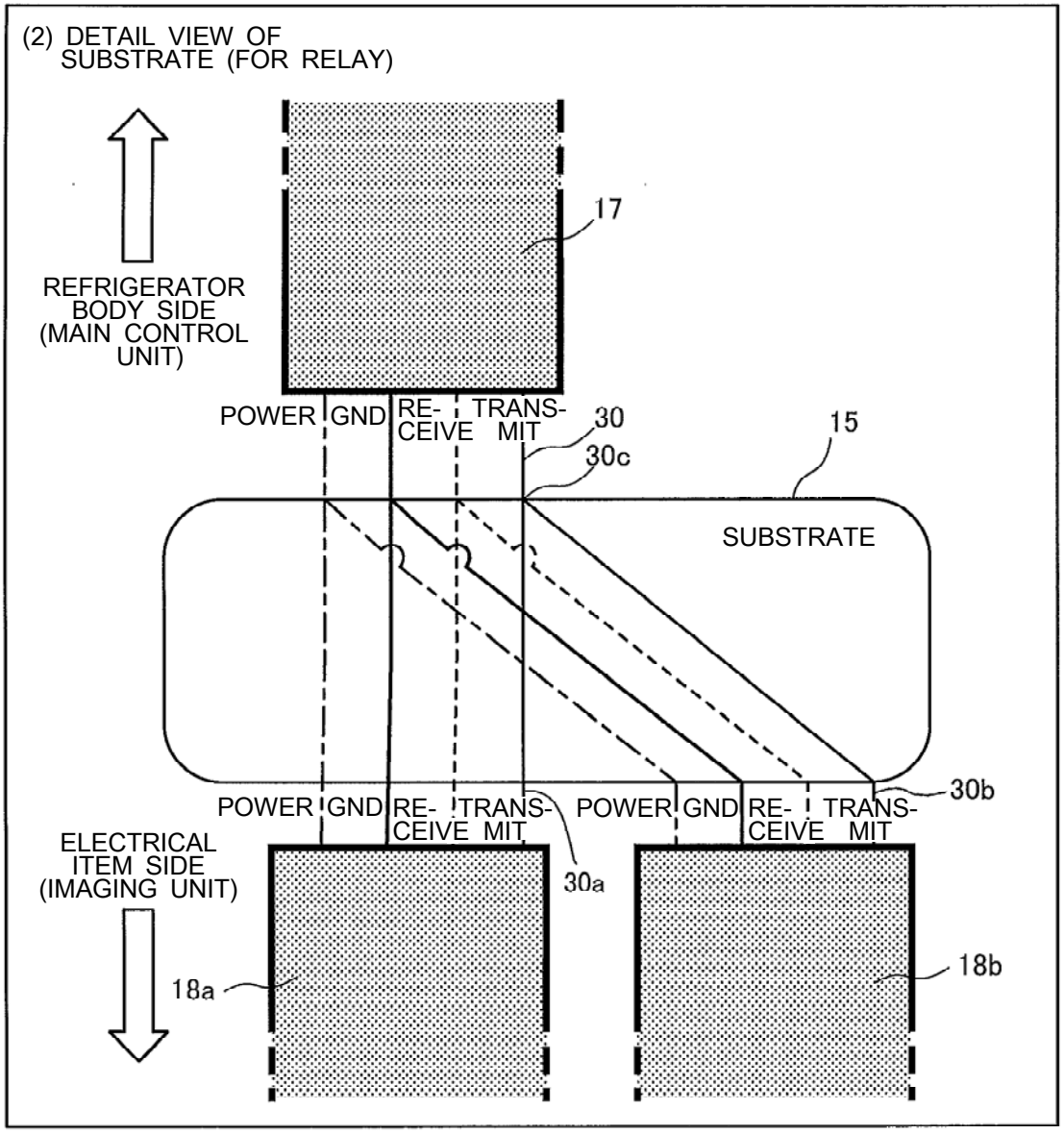


FIG. 7


(1) DETAIL VIEW OF ELECTRICAL ITEM
30a、30b
TRANS-MIT
RECEIVE
GND
POWER
10
ELECTRICAL ITEM (SUCH AS CAMERA)
18a、18b

(a)


(2) DETAIL VIEW OF SUBSTRATE (FOR RELAY)
REFRIGERATOR BODY SIDE (MAIN CONTROL UNIT)
17
POWER
GND
RE-CEIVE
TRANS-MIT
30
30c
15
SUBSTRATE
30b
POWER
GND
RE-CEIVE
TRANS-MIT
POWER
GND
RE-CEIVE
TRANS-MIT
ELECTRICAL ITEM SIDE (IMAGING UNIT)
30a
18a
18b

(b)

FIG. 8

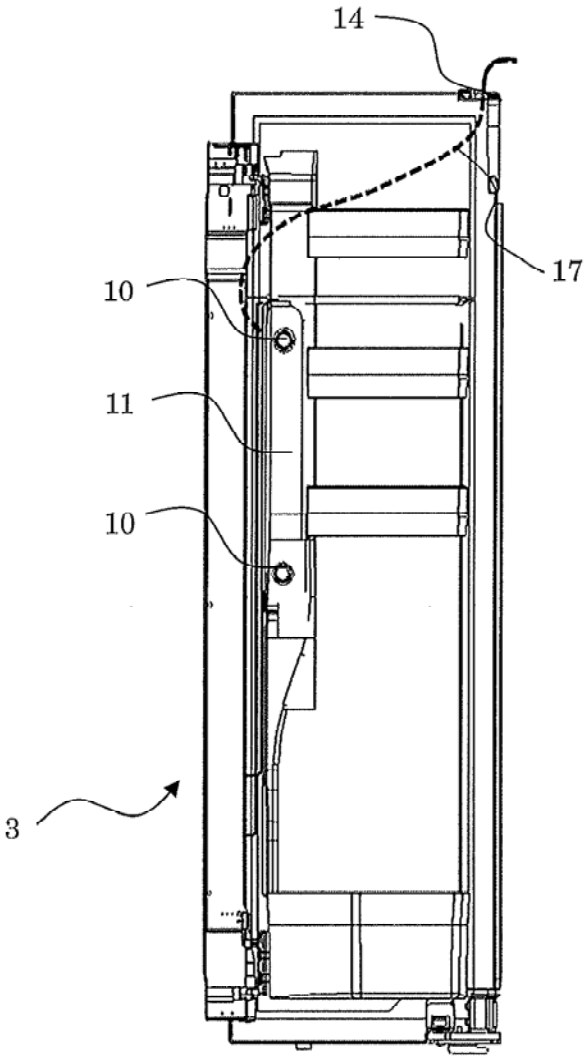
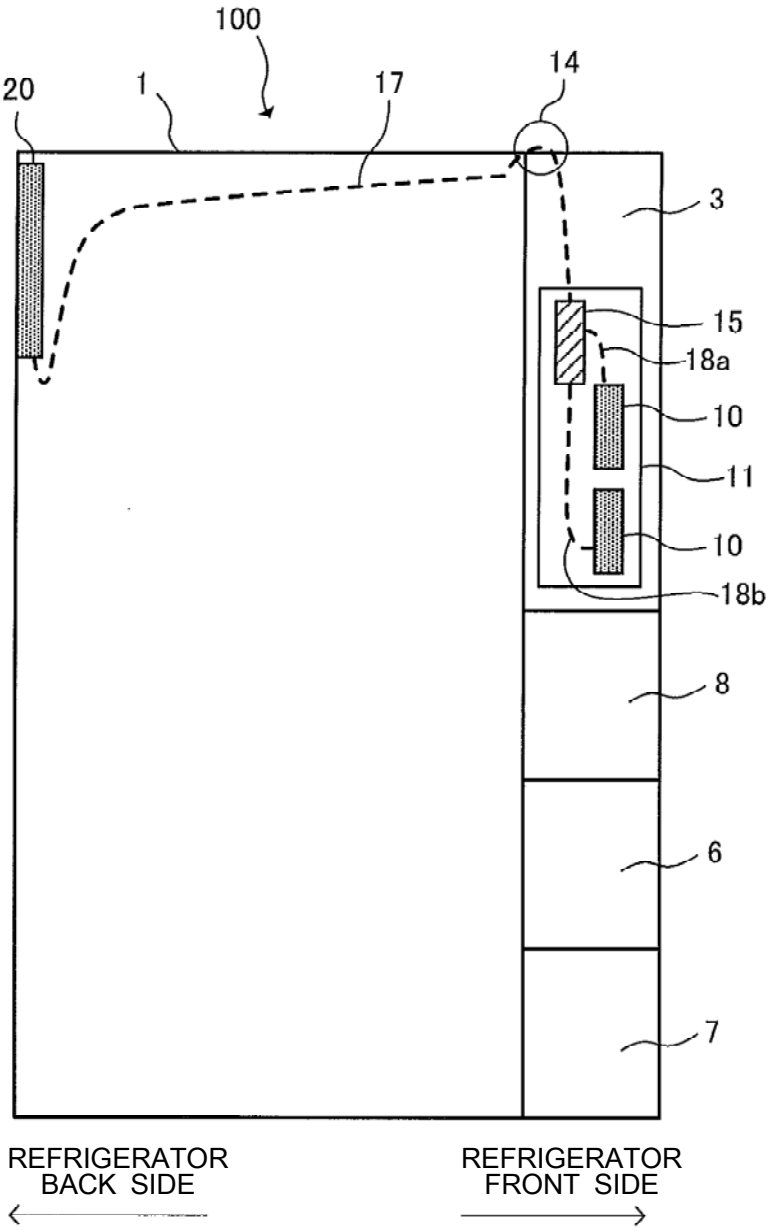


FIG. 9


100
20
1
17
14
3
15
18a
10
11
10
18b
8
6
7
REFRIGERATOR BACK SIDE
REFRIGERATOR FRONT SIDE