Fig. 1

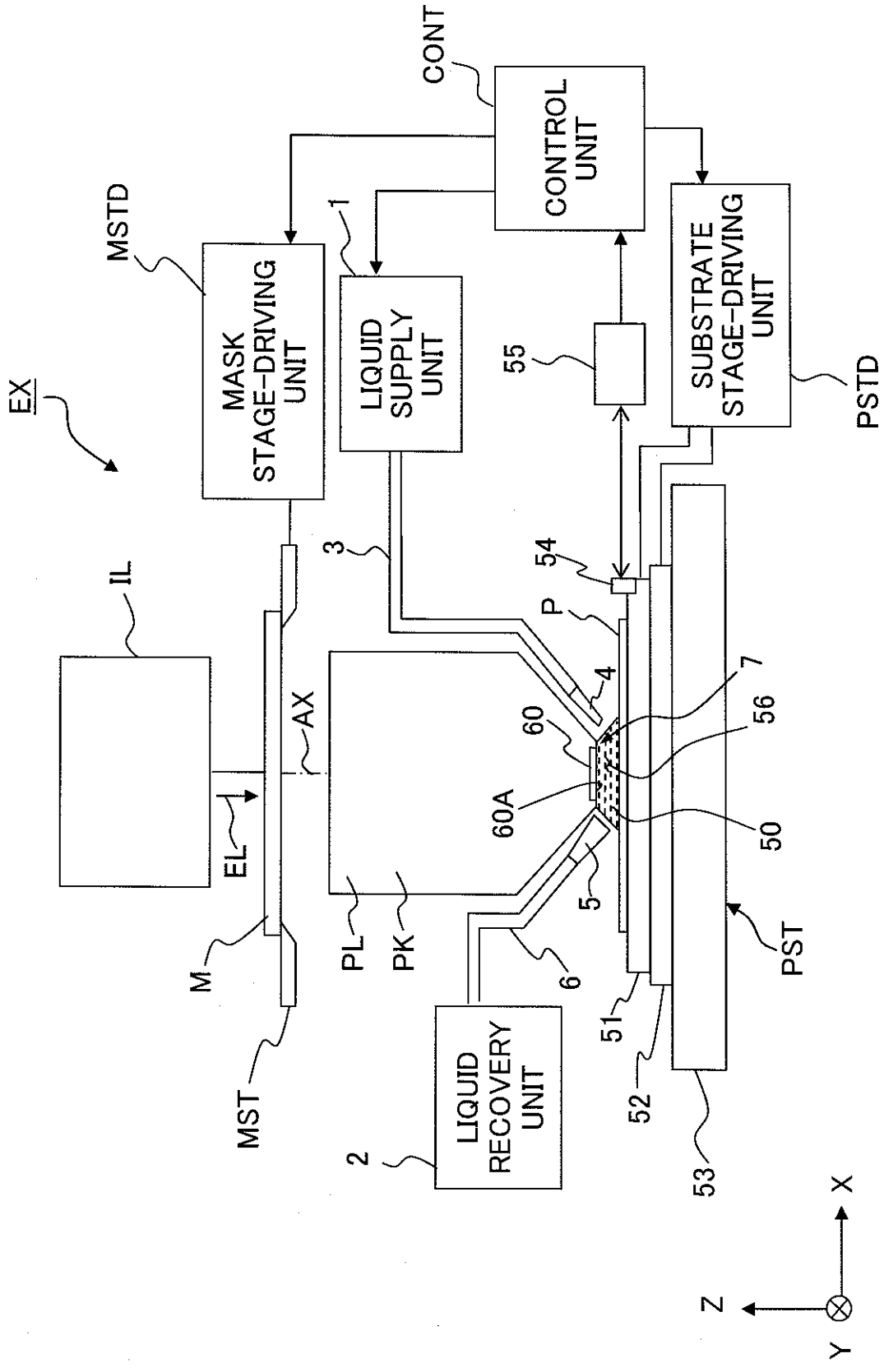

CONT
CONTROL UNIT
MSTD
MASK STAGE-DRIVING UNIT
1
LIQUID SUPPLY UNIT
55
SUBSTRATE STAGE-DRIVING UNIT
PSTD
EX
IL
3
54
P
4
7
56
60
60A
50
AX
EL
5
PL
PK
6
M
MST
LIQUID RECOVERY UNIT
2
51
52
53
PST
Z
X
Y

Fig. 2

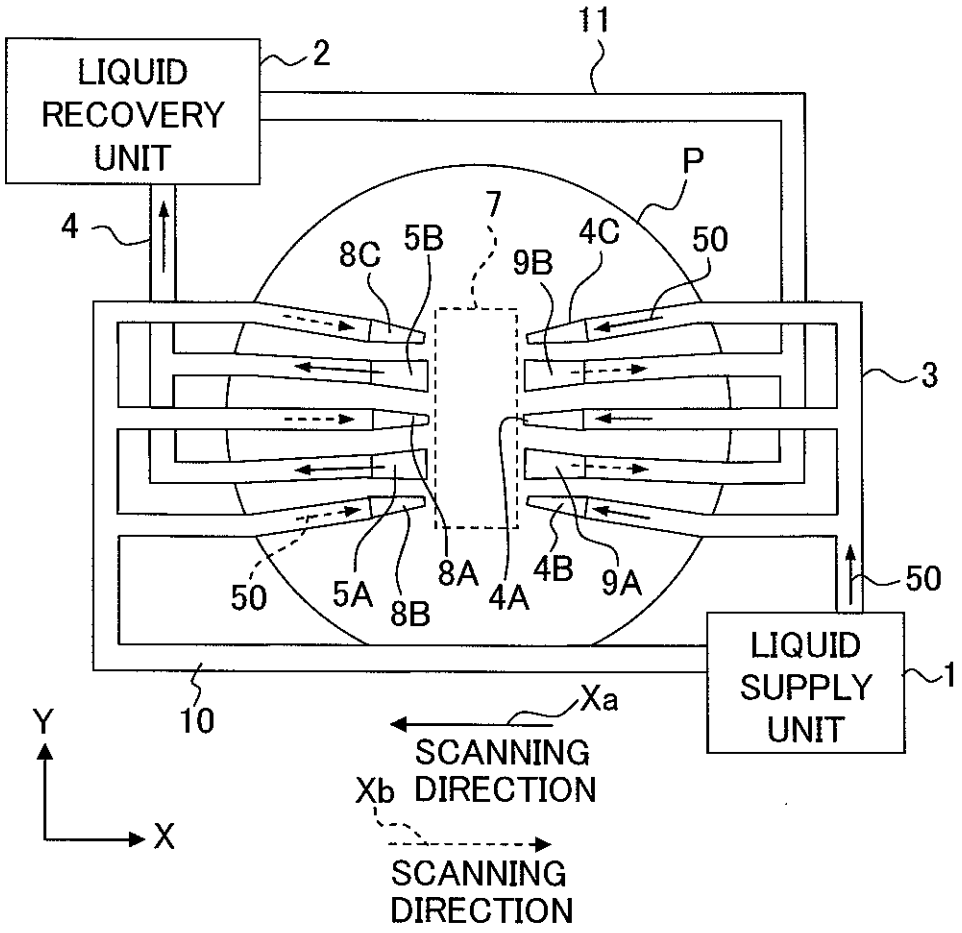

LIQUID RECOVERY UNIT
2
11
P
4
7
8C
5B
9B
4C
50
3
50
5A
8B
8A
4A
4B
9A
50
LIQUID SUPPLY UNIT
1
10
Xa
SCANNING DIRECTION
Xb
SCANNING DIRECTION
Y
X

Fig. 3

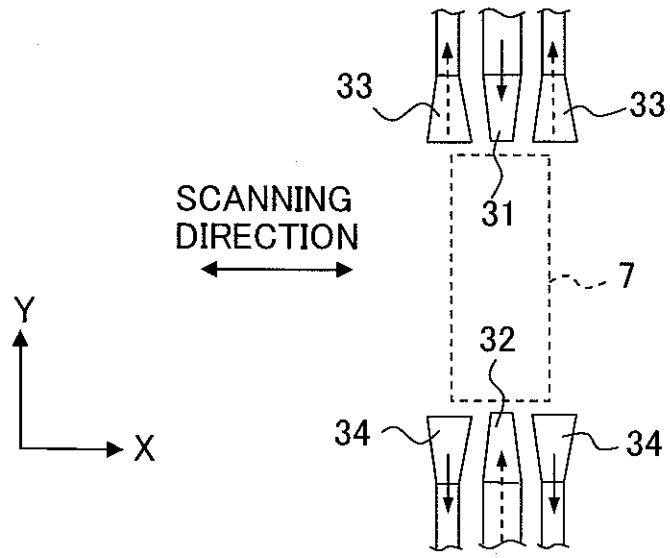

33
33
SCANNING DIRECTION
31
7
32
34
34
Y
X

Fig. 4

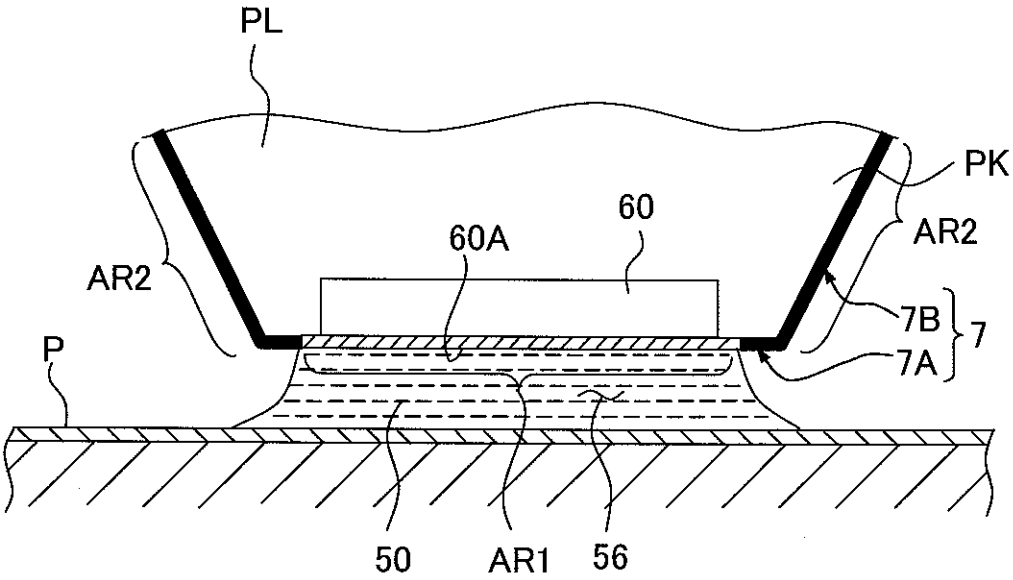


Fig. 5

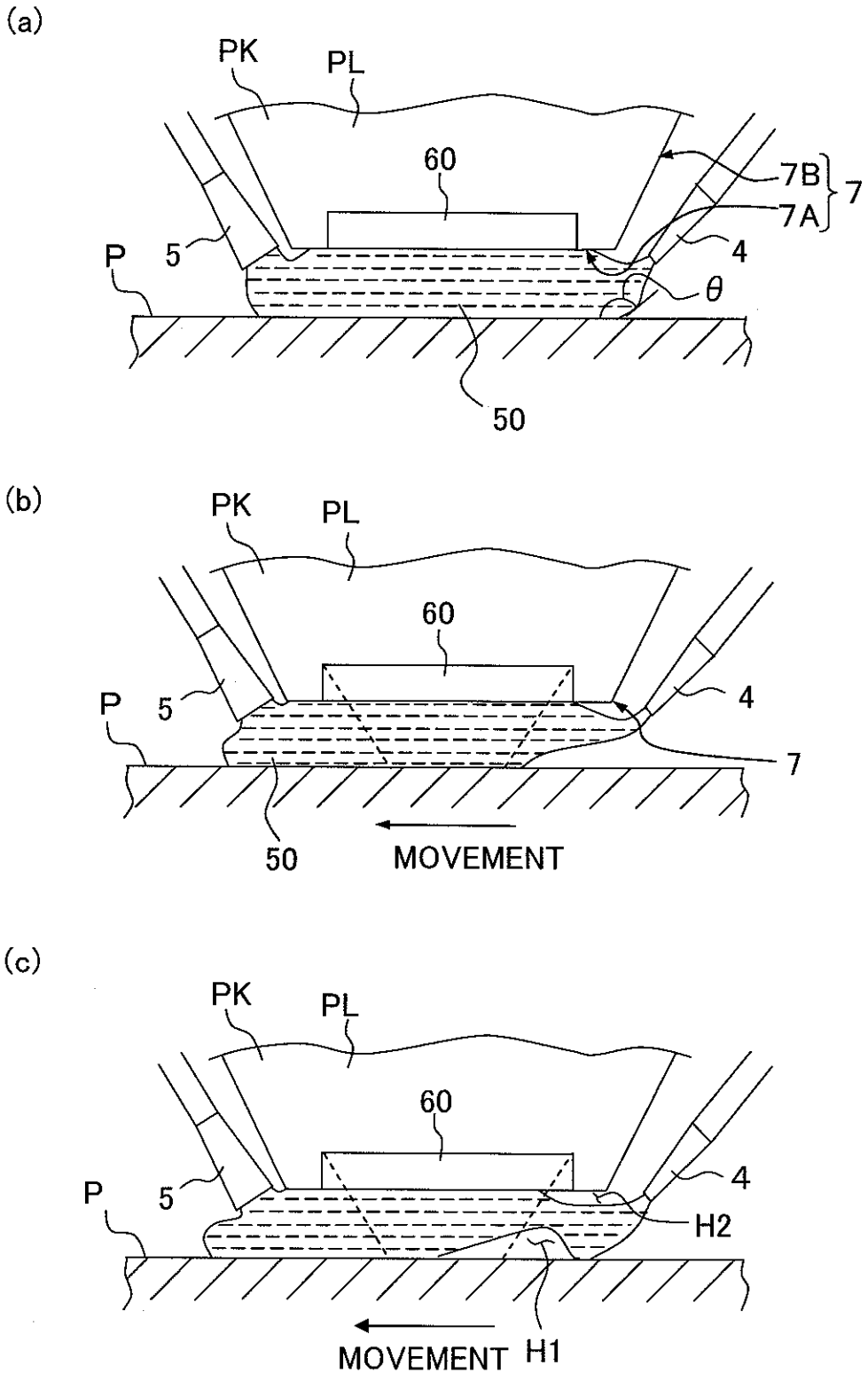
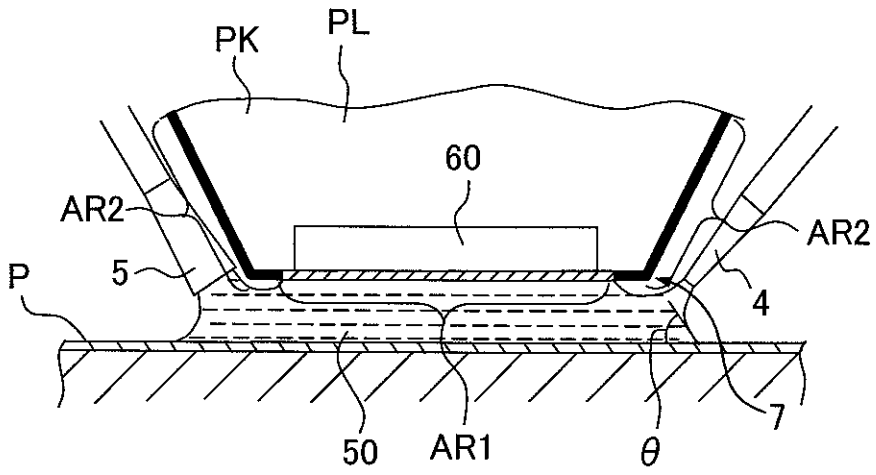
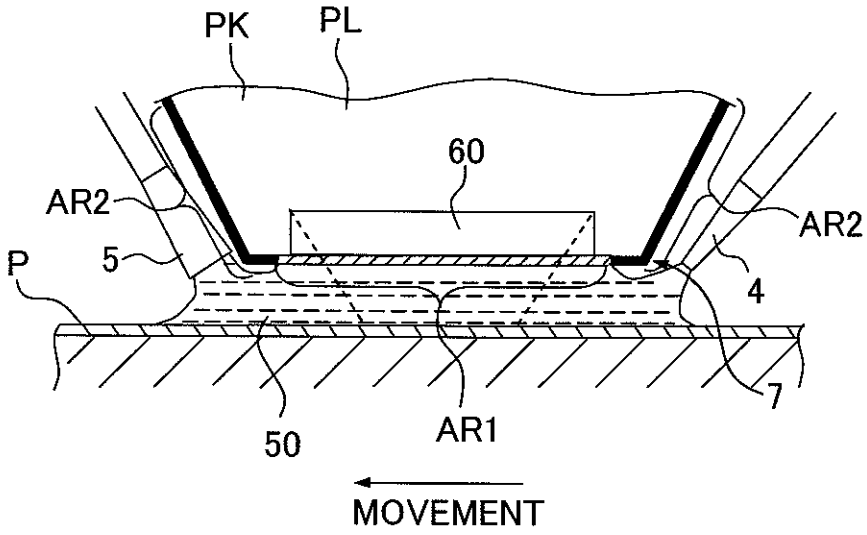

(a)
PK
PL
60
7B
7A
7
P
5
4
θ
50
(b)
PK
PL
60
P
5
4
7
50
MOVEMENT
(c)
PK
PL
60
P
5
4
H2
MOVEMENT
H1

Fig. 6

(a)


PK
PL
60
AR2
AR2
5
P
4
7
50
AR1
θ

(b)


PK
PL
60
AR2
AR2
5
P
4
7
50
AR1
MOVEMENT

(c)

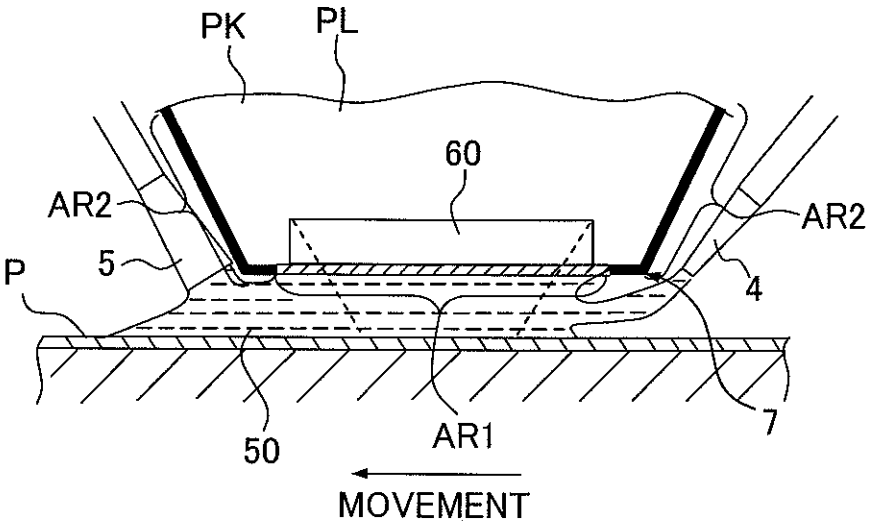

PK
PL
60
AR2
AR2
5
P
4
7
50
AR1
MOVEMENT

Fig. 7

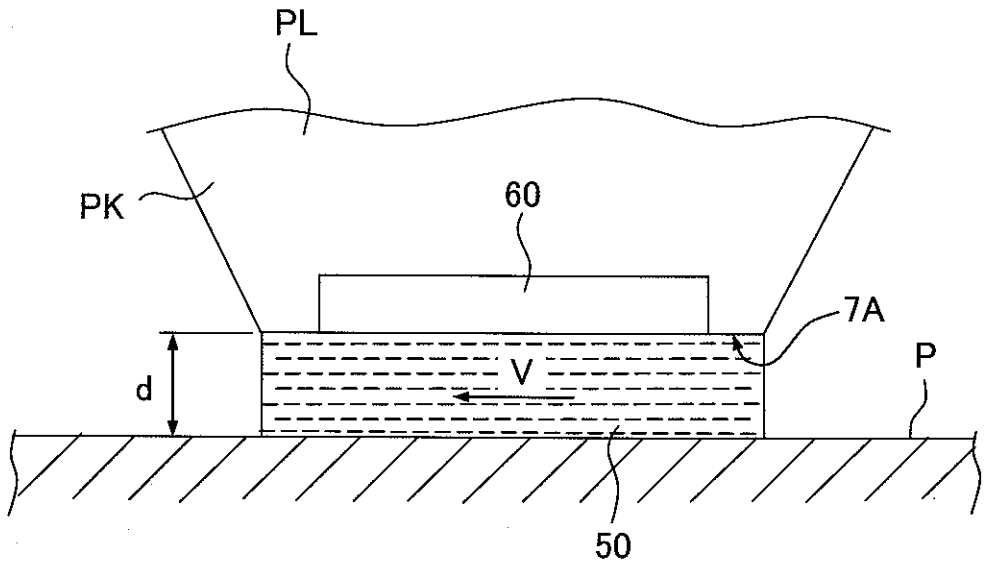
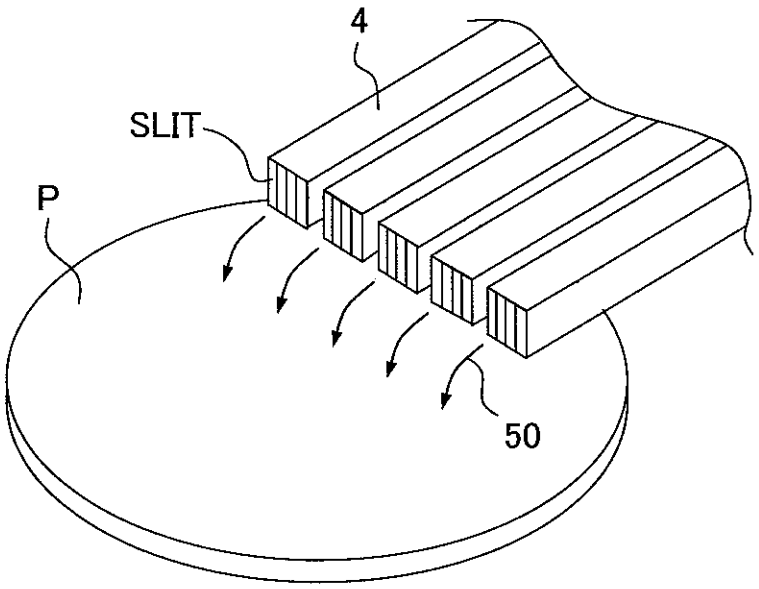


Fig. 8

(a)



(b)

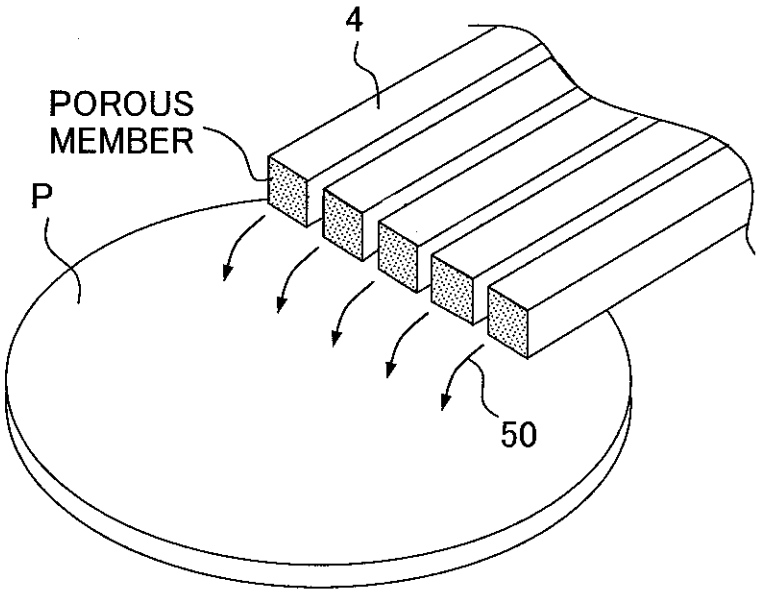


Fig. 9

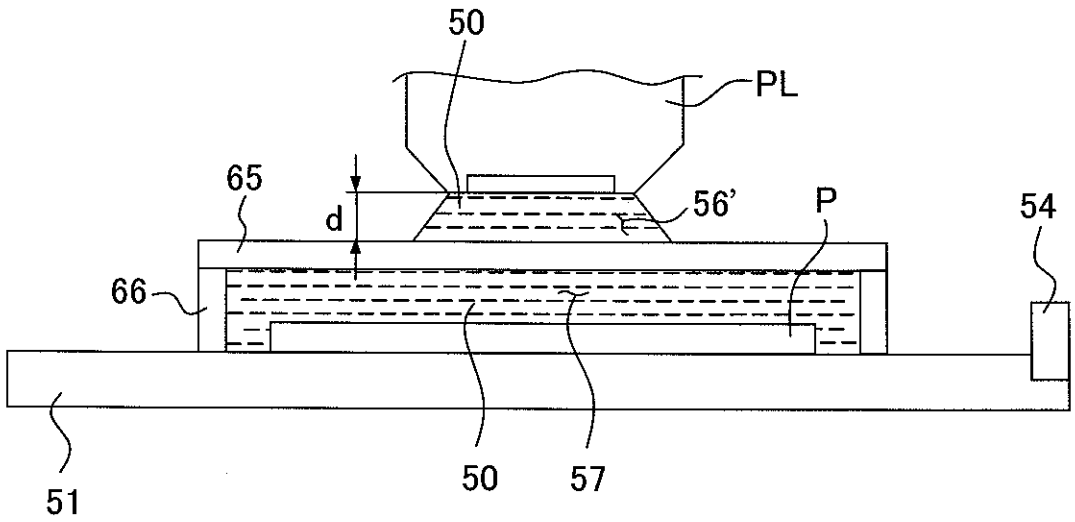
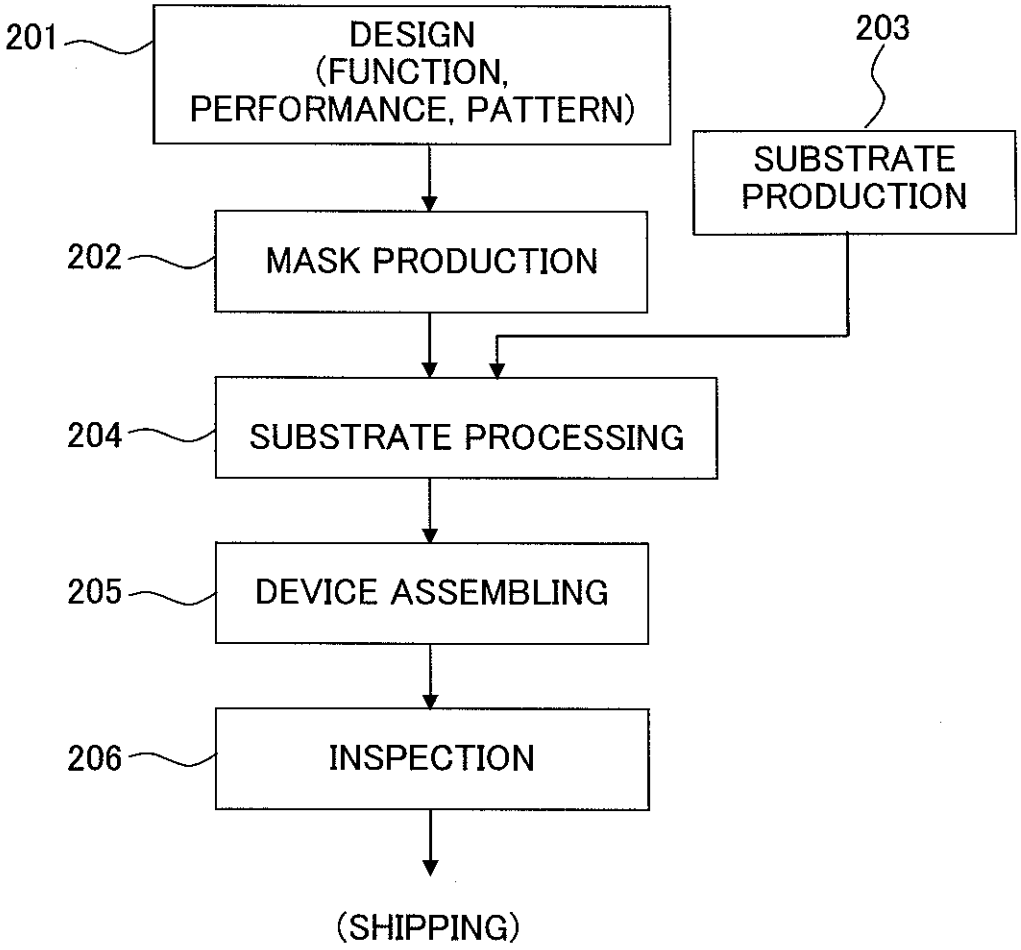


Fig. 10


201
DESIGN
(FUNCTION,
PERFORMANCE, PATTERN)
203
SUBSTRATE
PRODUCTION
202
MASK PRODUCTION
204
SUBSTRATE PROCESSING
205
DEVICE ASSEMBLING
206
INSPECTION
(SHIPPING)