FIG. 1

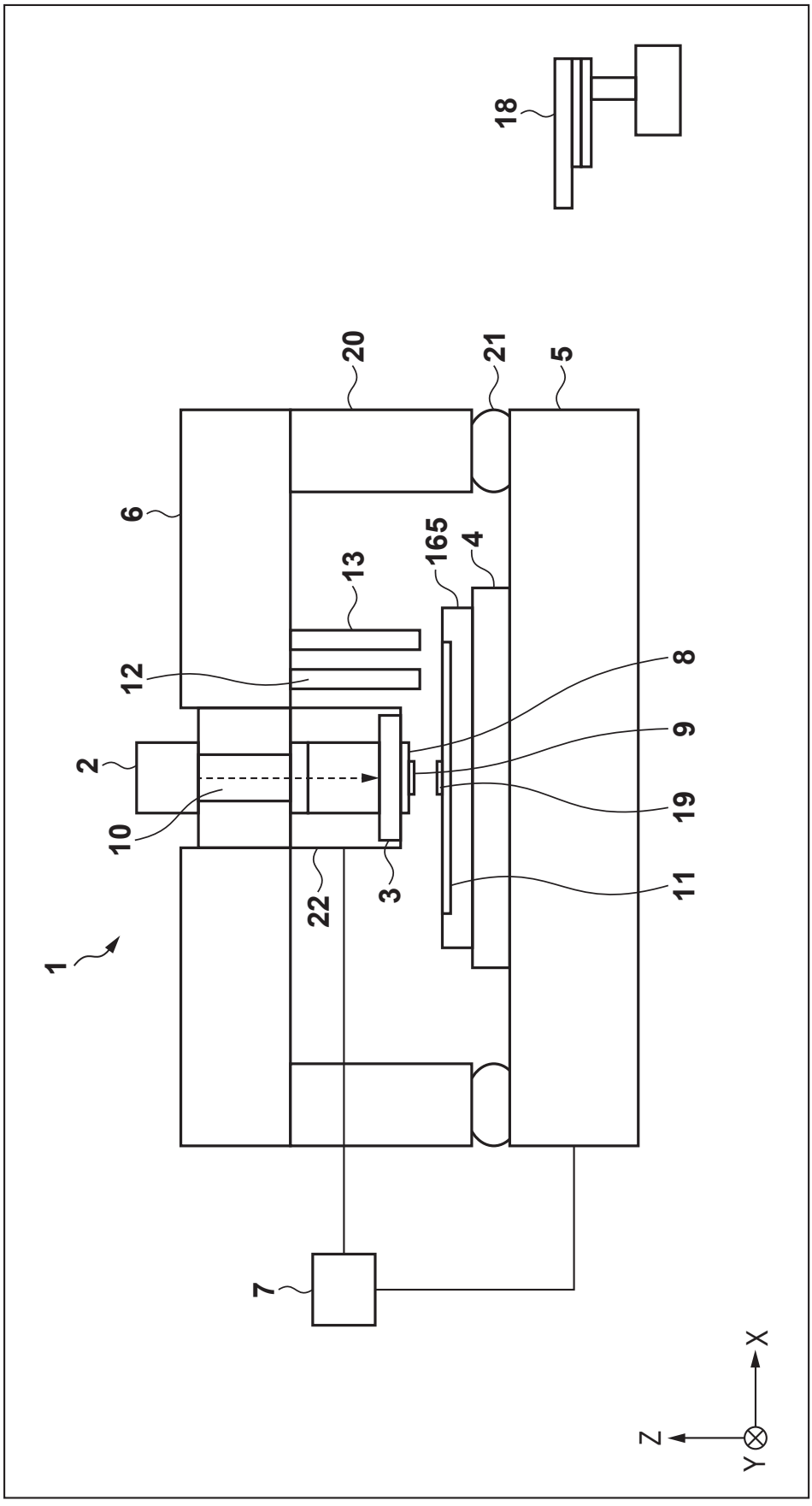

FIG. 2

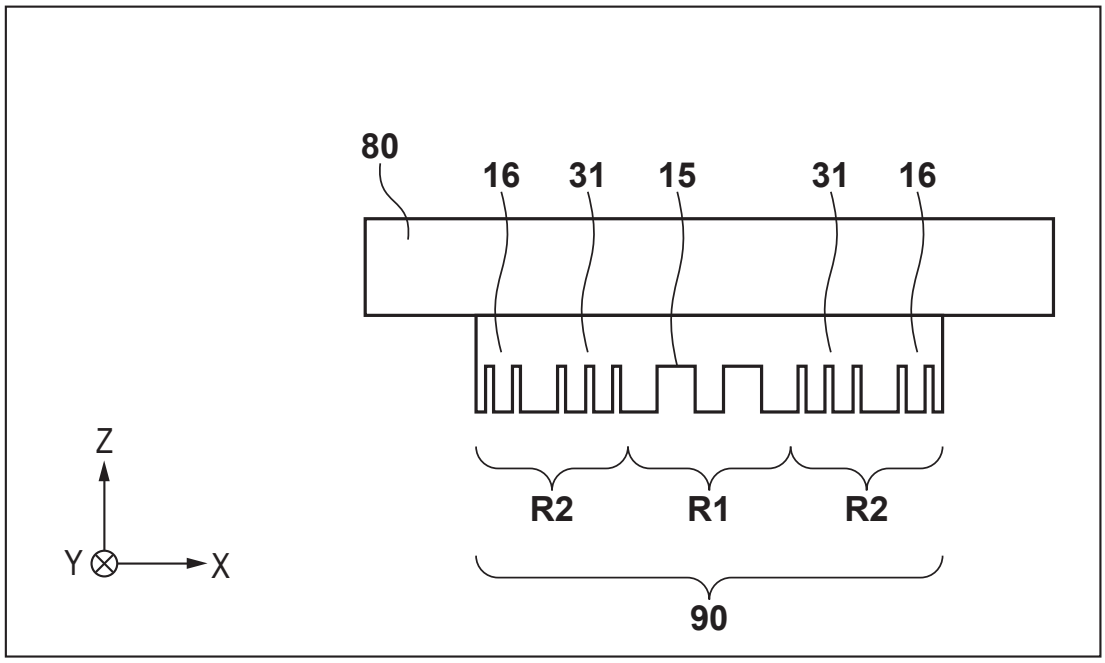

FIG. 3A

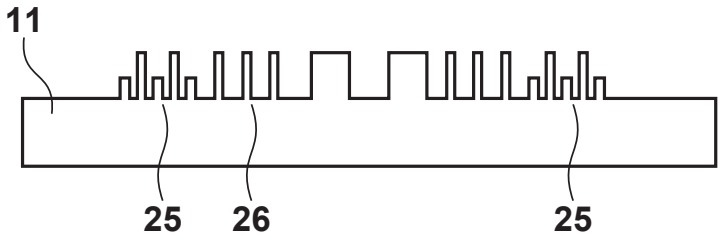

FIG. 3B

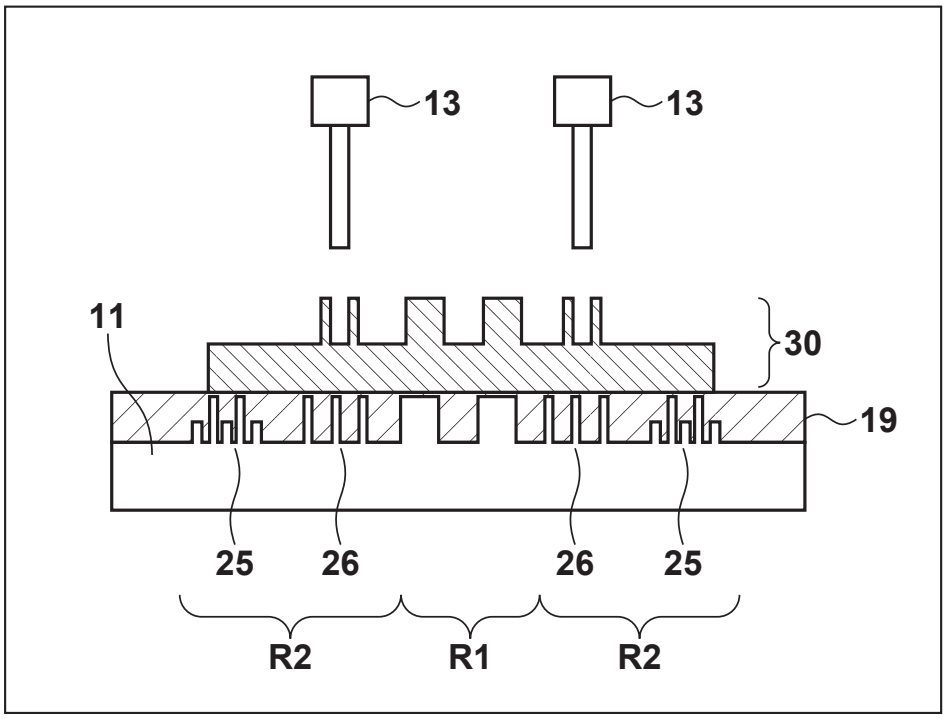

FIG. 4A

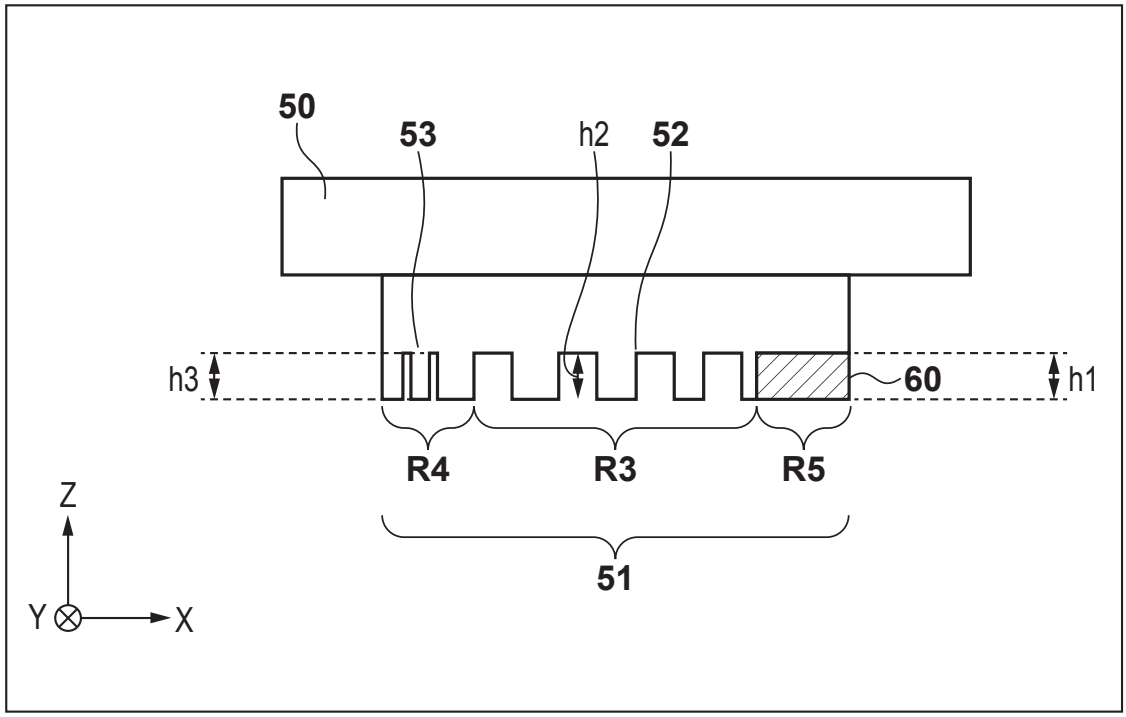

FIG. 4B

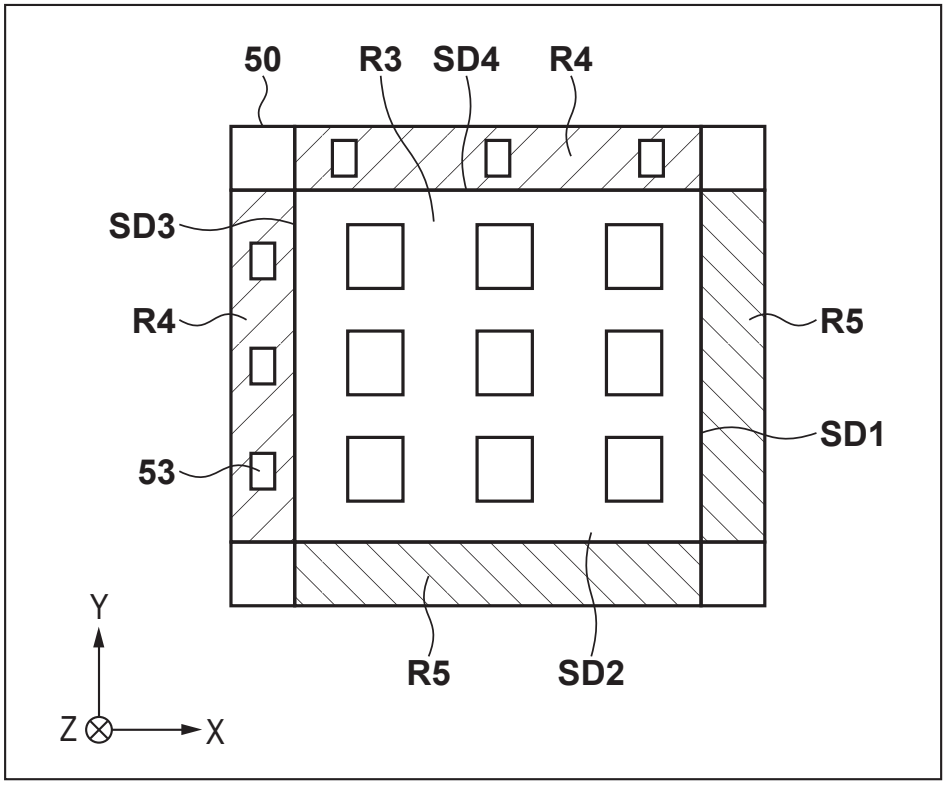

FIG. 4C

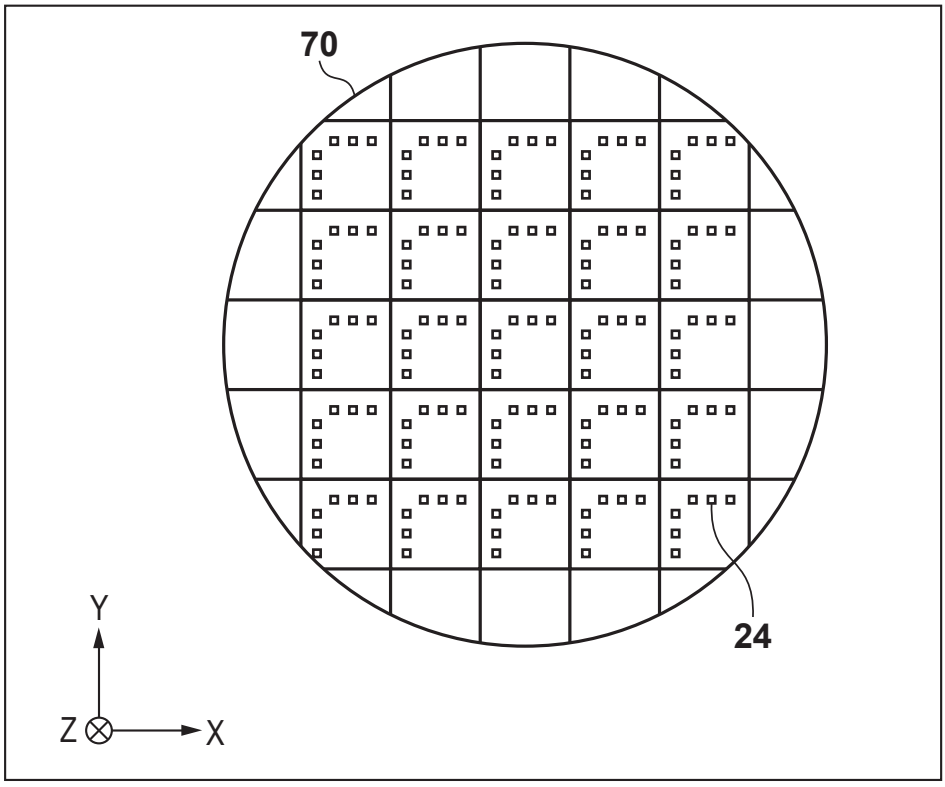

FIG. 5

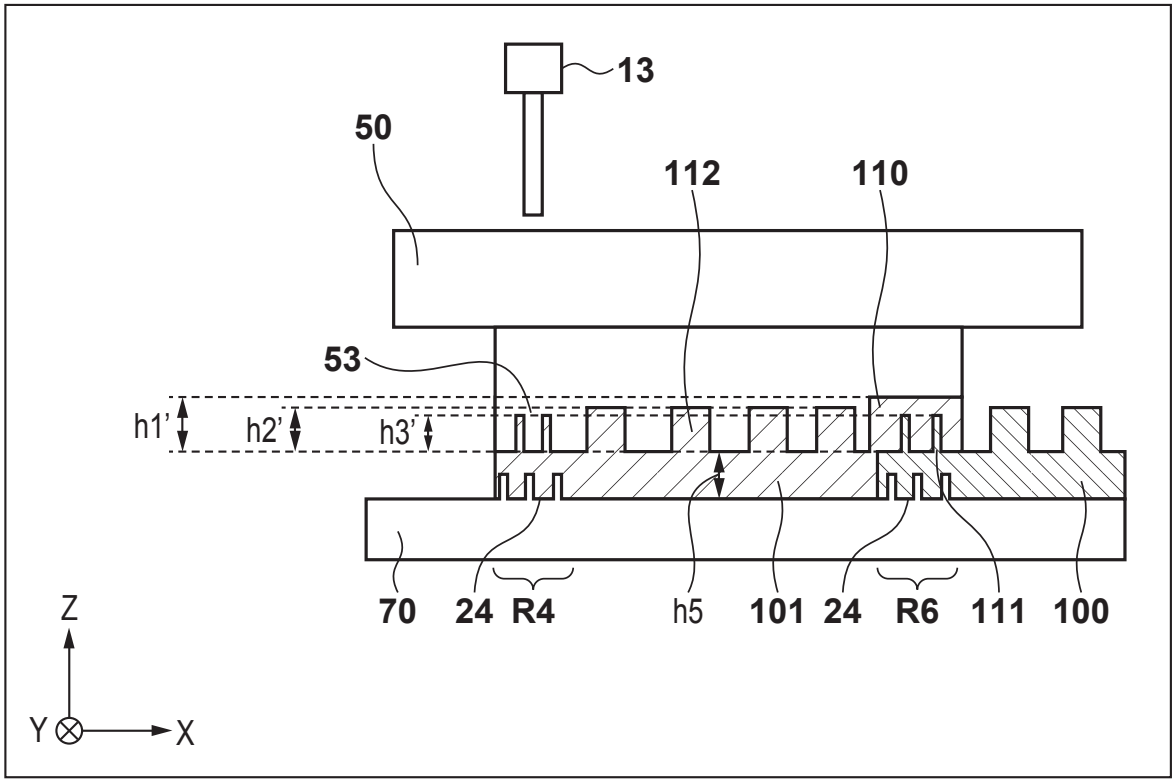
13
50
112
110
53
h1'
h2'
h3'
70
24
R4
h5
101
24
R6
111
100
Z
Y
X

FIG. 6

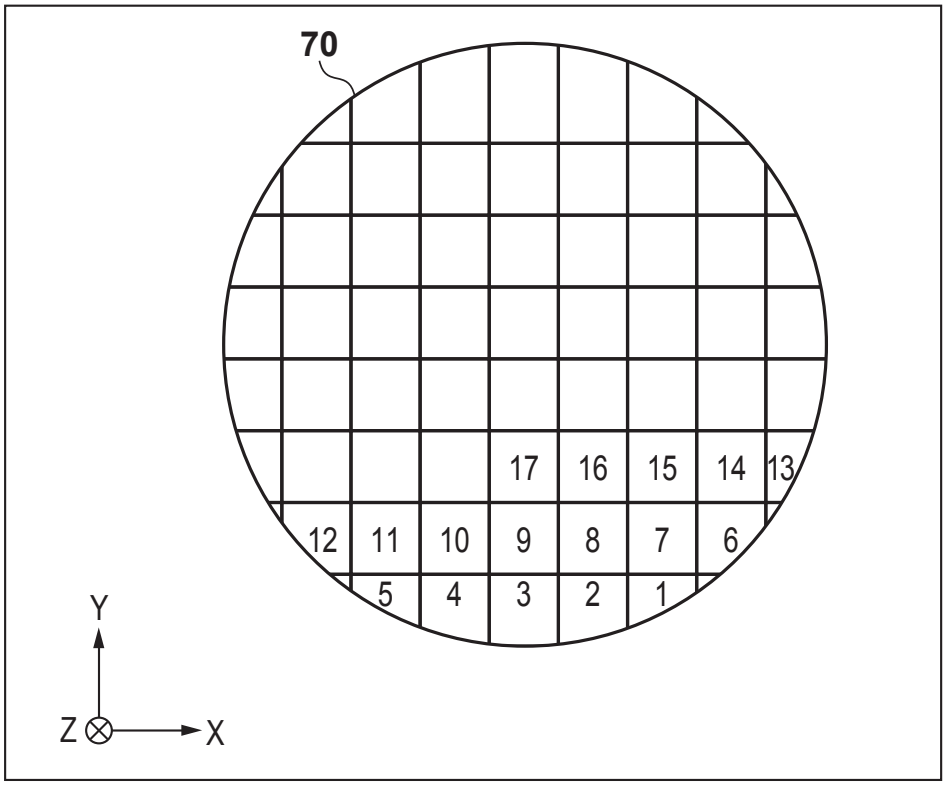
70
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Y
Z
X

FIG. 7

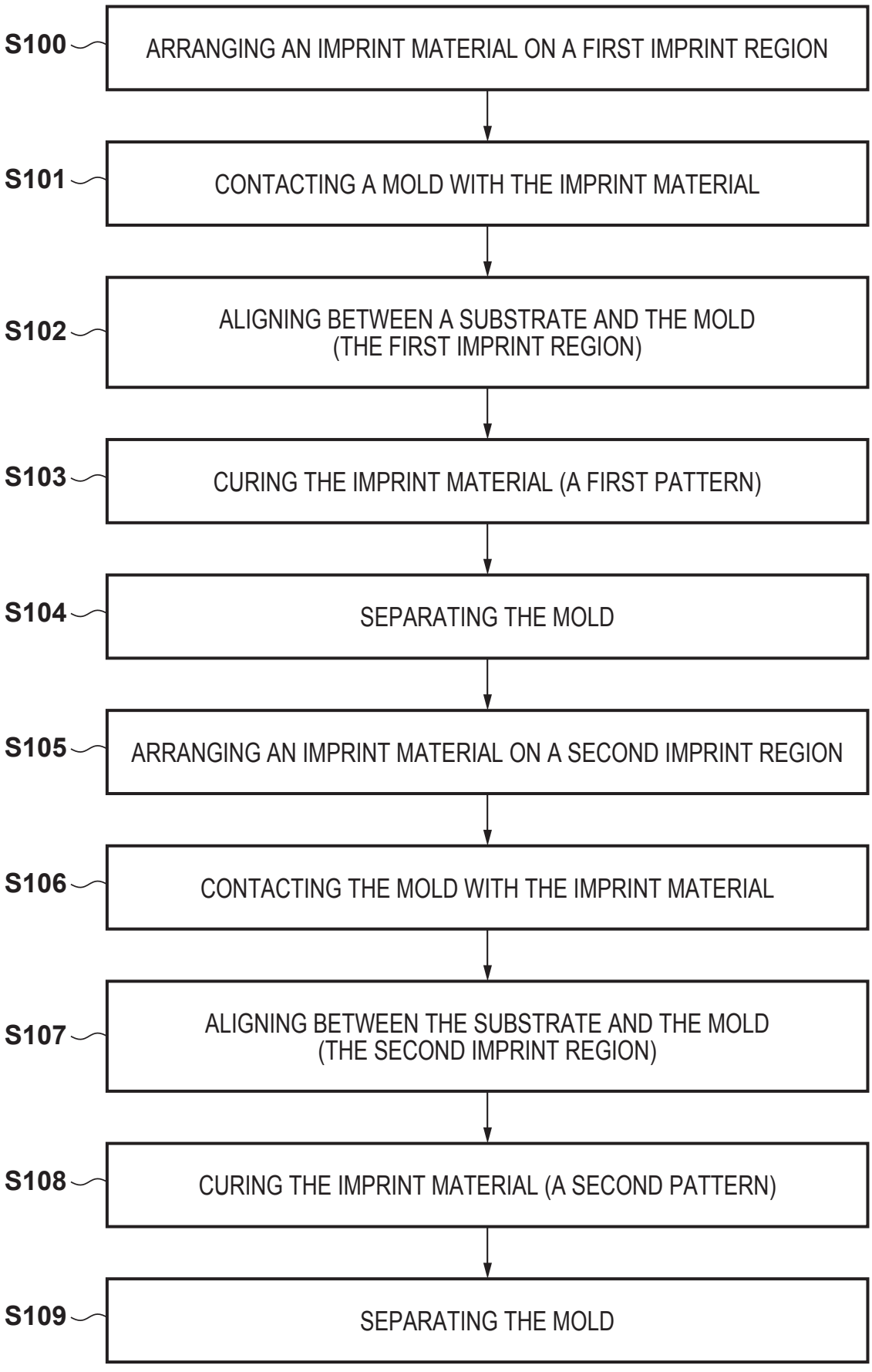
S100
ARRANGING AN IMPRINT MATERIAL ON A FIRST IMPRINT REGION
S101
CONTACTING A MOLD WITH THE IMPRINT MATERIAL
S102
ALIGNING BETWEEN A SUBSTRATE AND THE MOLD (THE FIRST IMPRINT REGION)
S103
CURING THE IMPRINT MATERIAL (A FIRST PATTERN)
S104
SEPARATING THE MOLD
S105
ARRANGING AN IMPRINT MATERIAL ON A SECOND IMPRINT REGION
S106
CONTACTING THE MOLD WITH THE IMPRINT MATERIAL
S107
ALIGNING BETWEEN THE SUBSTRATE AND THE MOLD (THE SECOND IMPRINT REGION)
S108
CURING THE IMPRINT MATERIAL (A SECOND PATTERN)
S109
SEPARATING THE MOLD

FIG. 8A

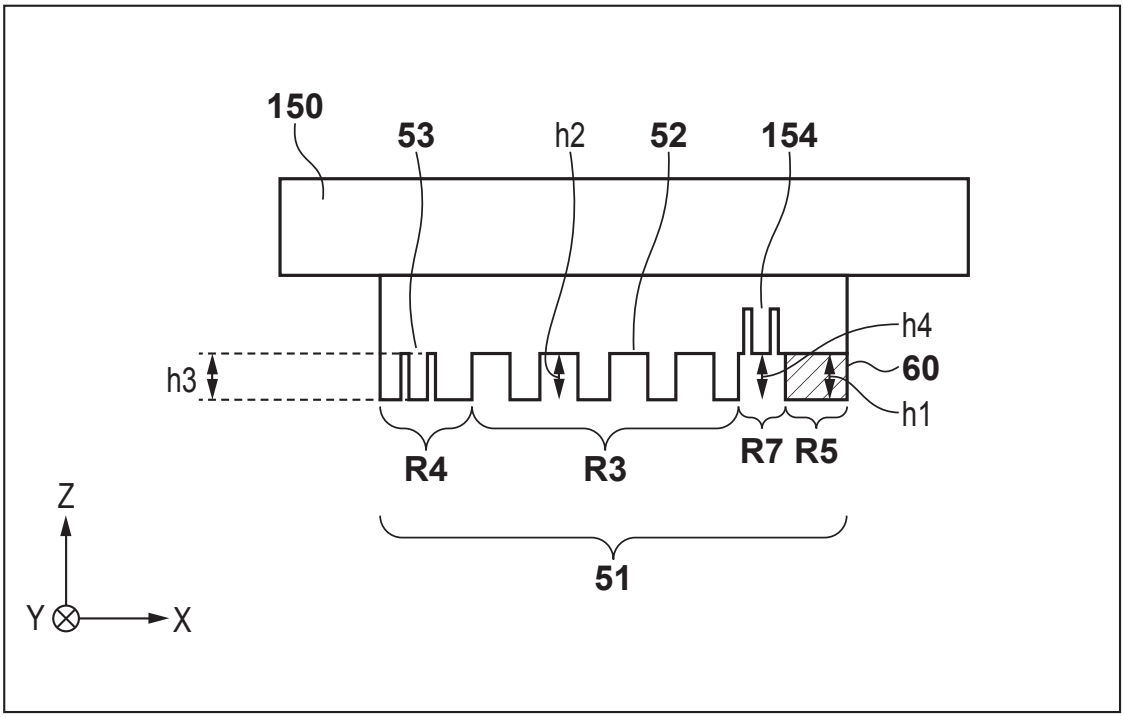

FIG. 8B

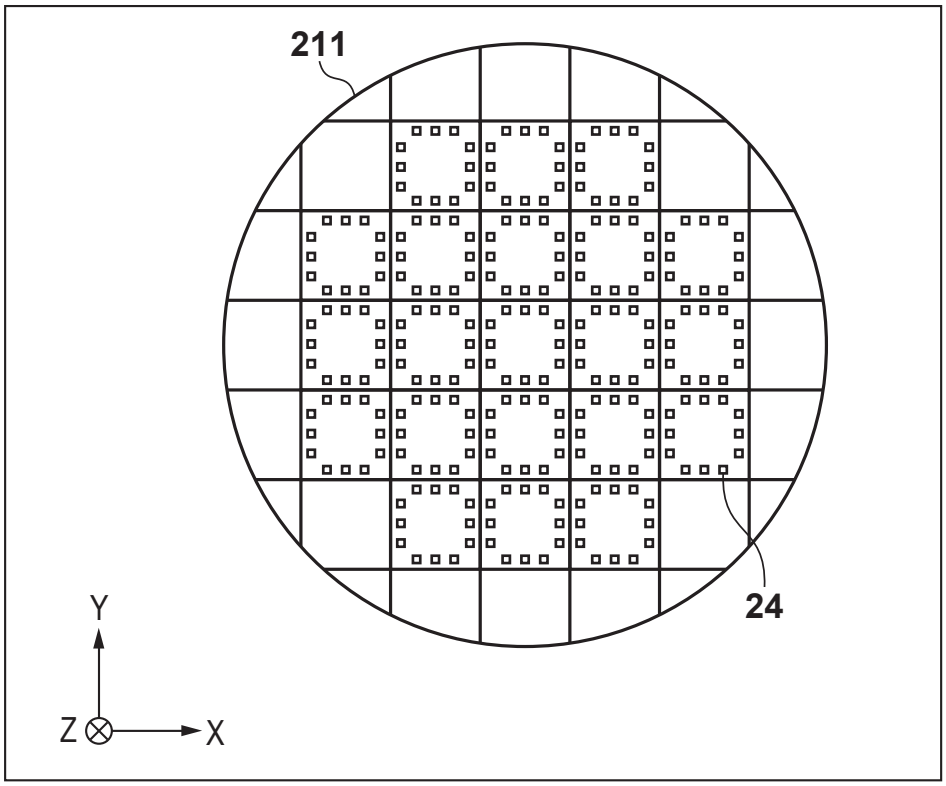

FIG. 9

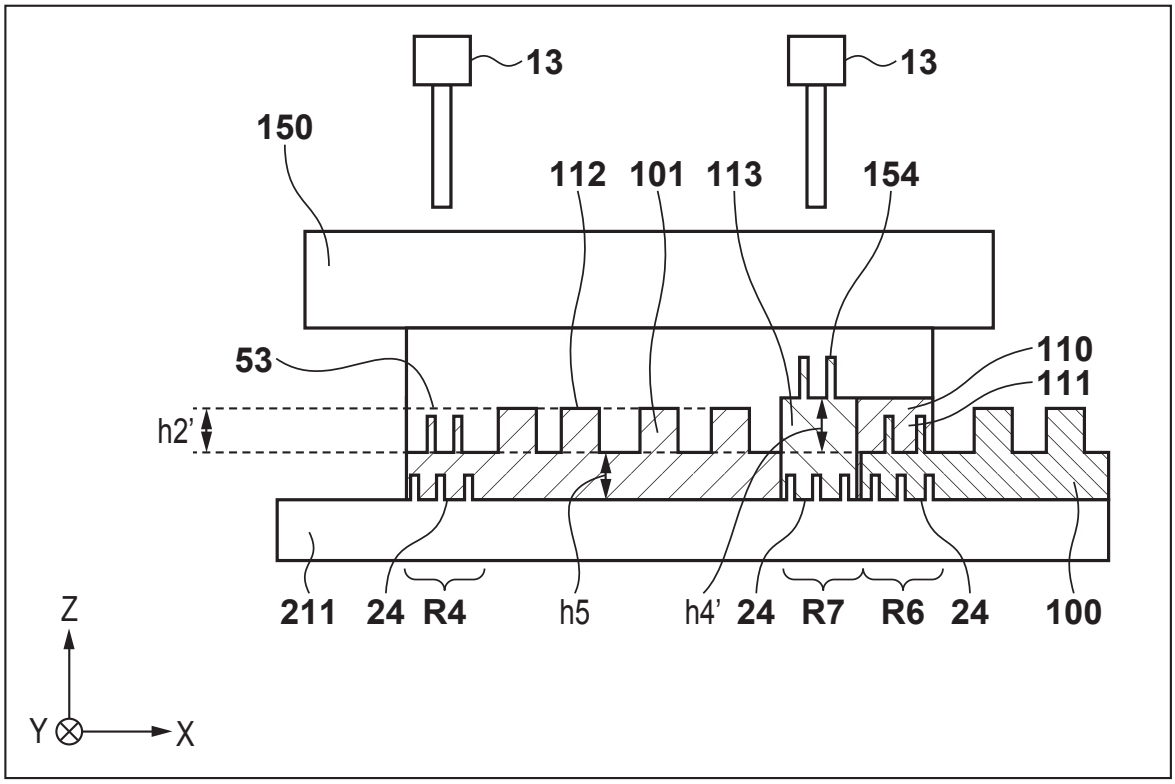
13
13
150
112
101
113
154
53
110
111
h2'
211
24
R4
h5
h4'
24
R7
R6
24
100
Z
Y
X

FIG. 10A

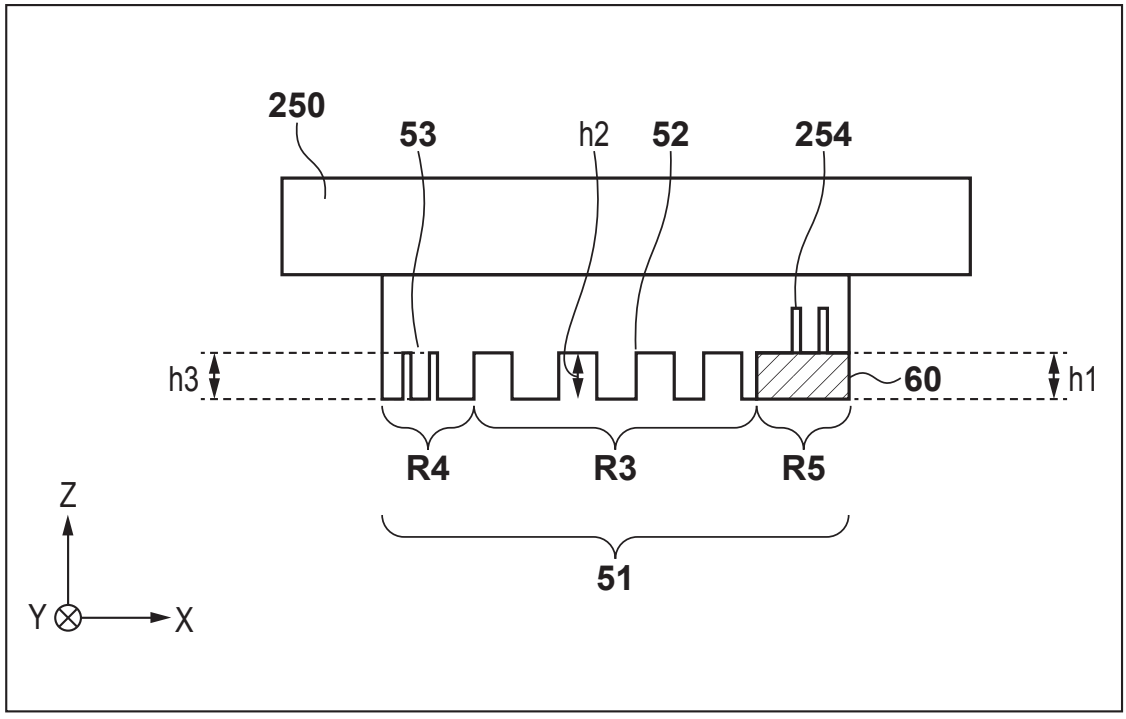
250
53
h2
52
254
h3
60
h1
R4
R3
R5
51
Z
Y
X

FIG. 10B

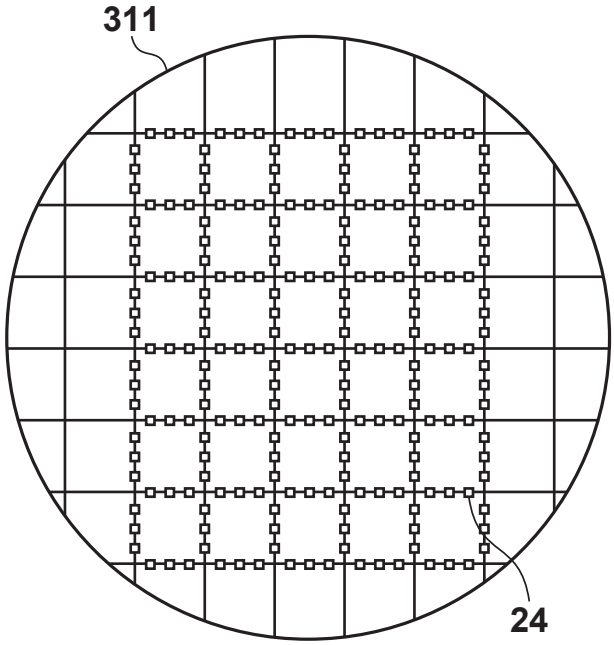

FIG. 11

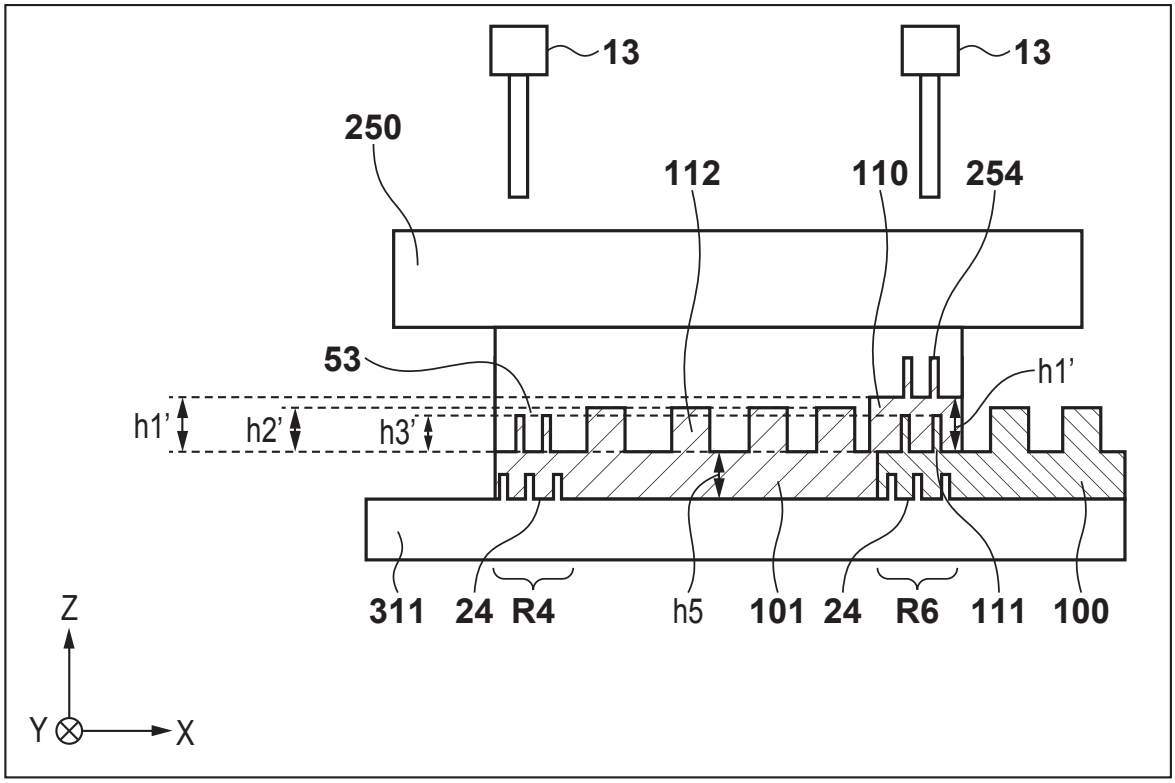

FIG. 12A

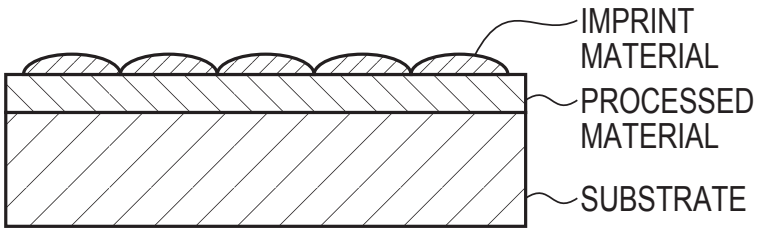

FIG. 12B

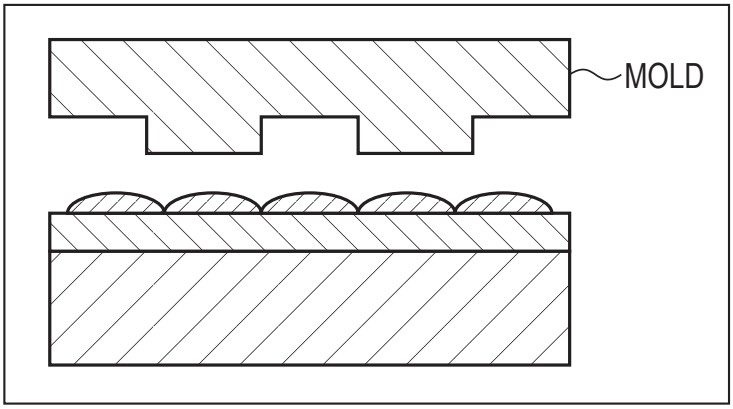

FIG. 12C

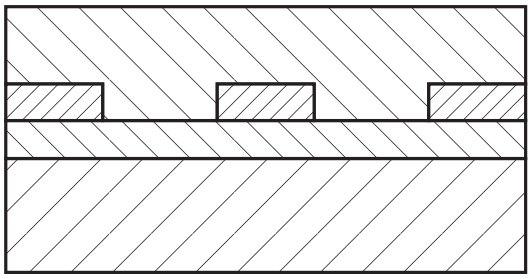

FIG. 12D

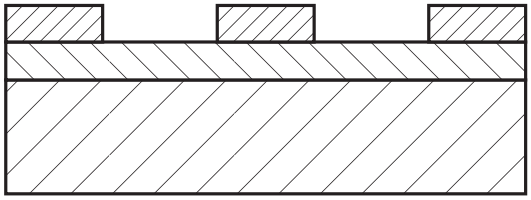

FIG. 12E

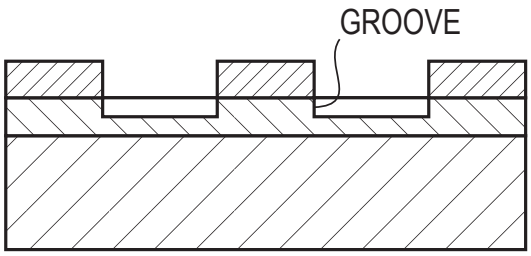

FIG. 12F

