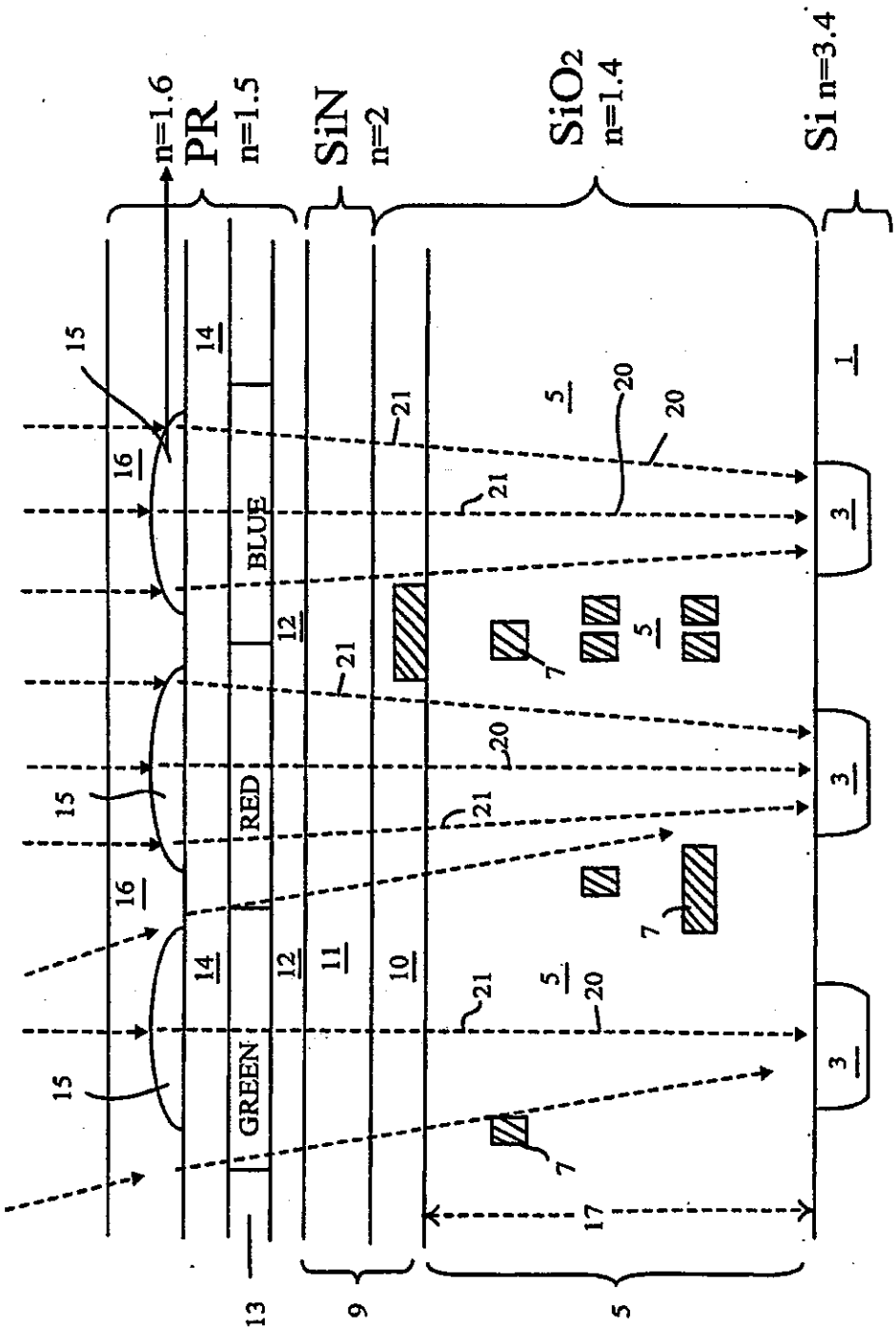
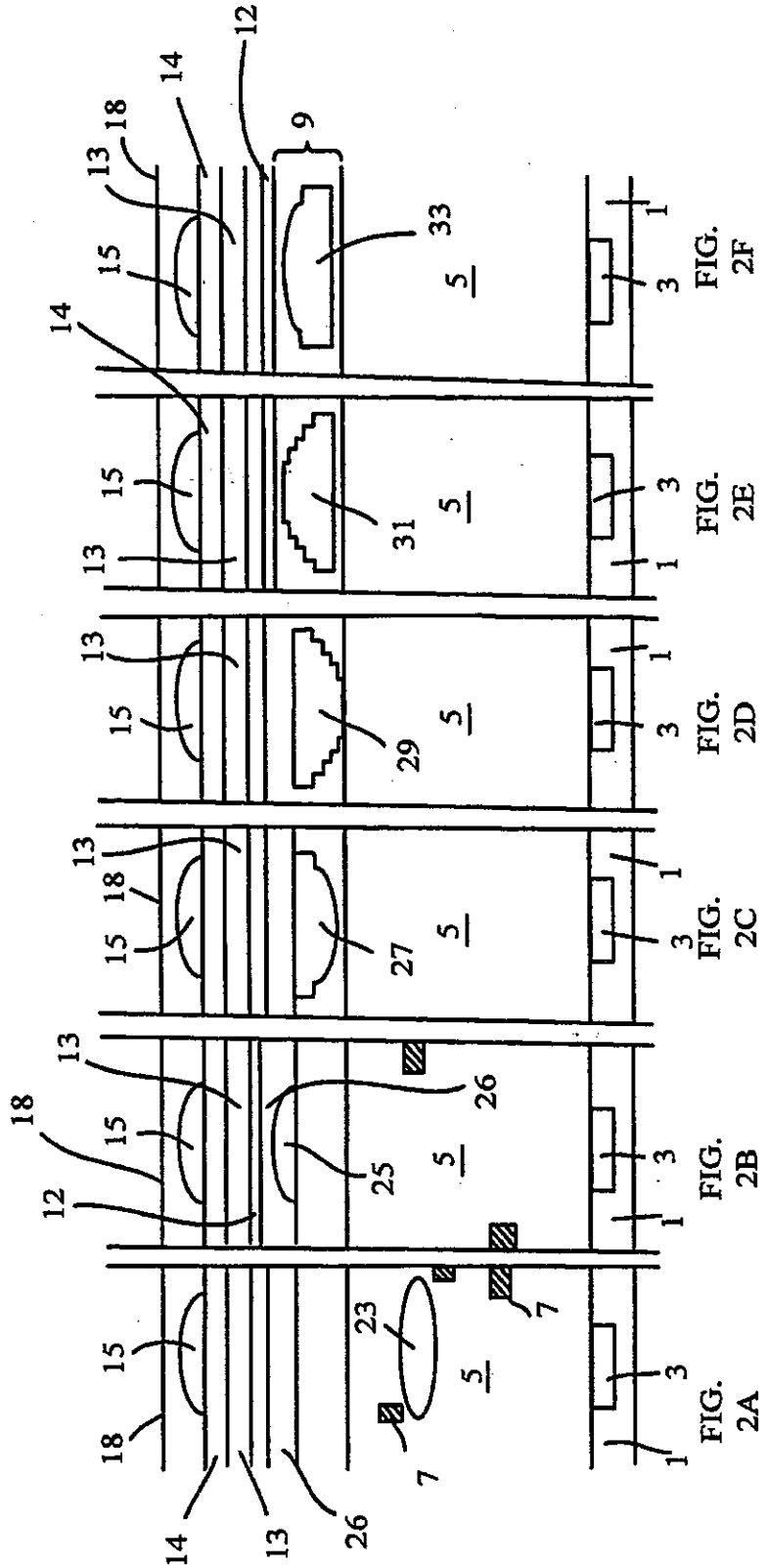
FIGURE 1 - PRIOR ART




18
15
12
13
14
26
13
14
18
15
23
7
5
25
26
7
1
3
FIG. 2A
18
15
13
12
5
25
26
1
3
FIG. 2B
13
18
15
5
27
1
3
FIG. 2C
13
15
5
29
1
3
FIG. 2D
13
15
14
5
31
1
3
FIG. 2E
18
13
15
14
12
9
5
33
1
3
FIG. 2F

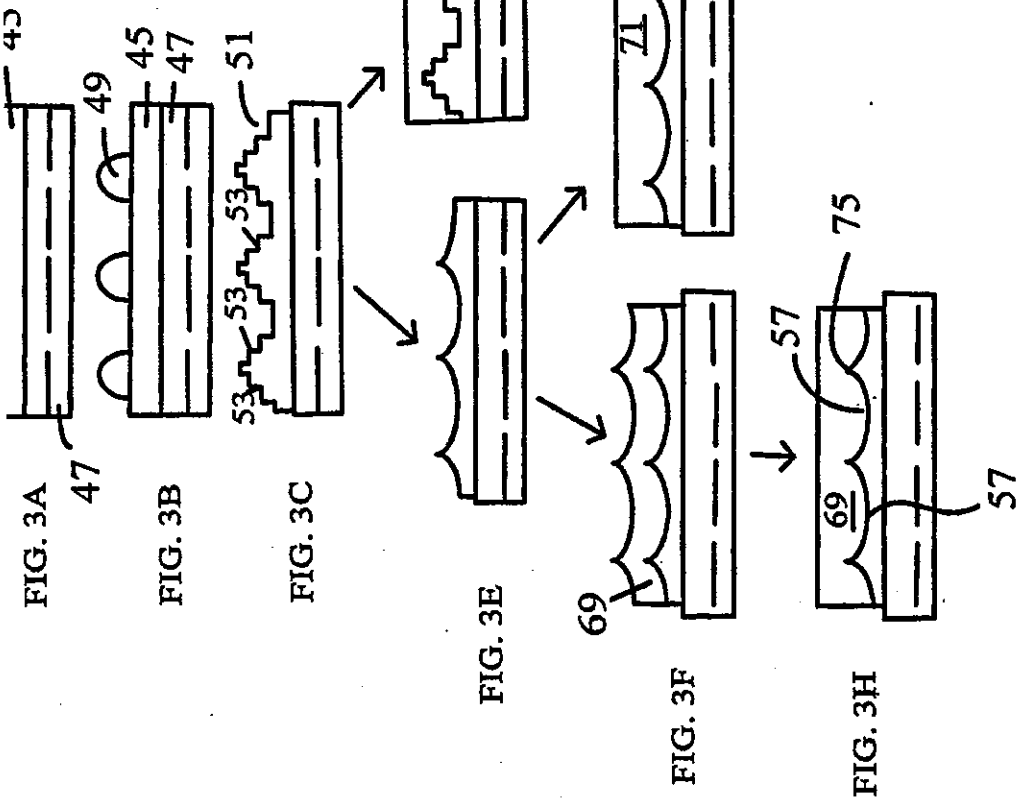
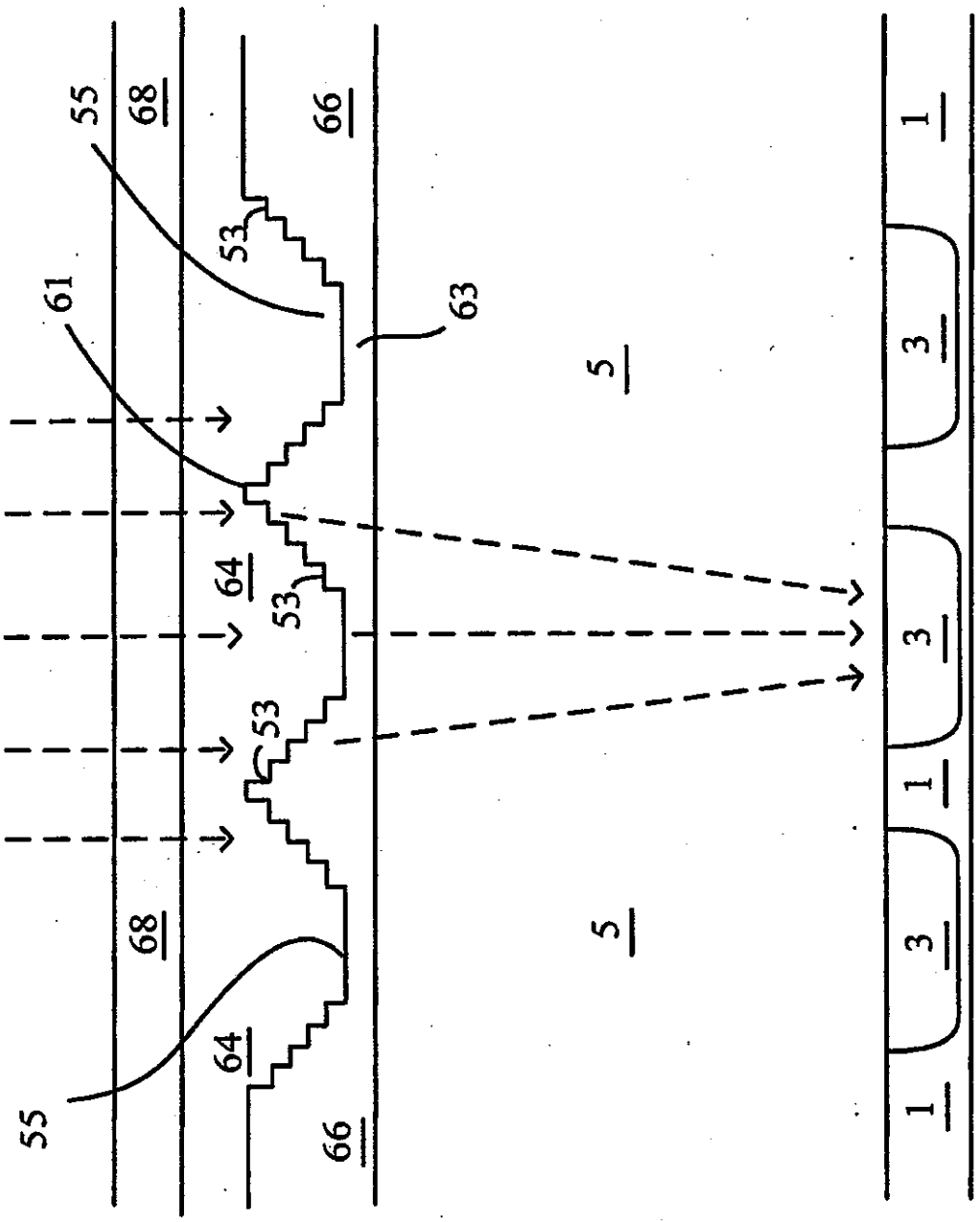


FIG. 3A FIG. 3B FIG. 3C FIG. 3D FIG. 3E FIG. 3F FIG. 3G FIG. 3H

FIG. 4



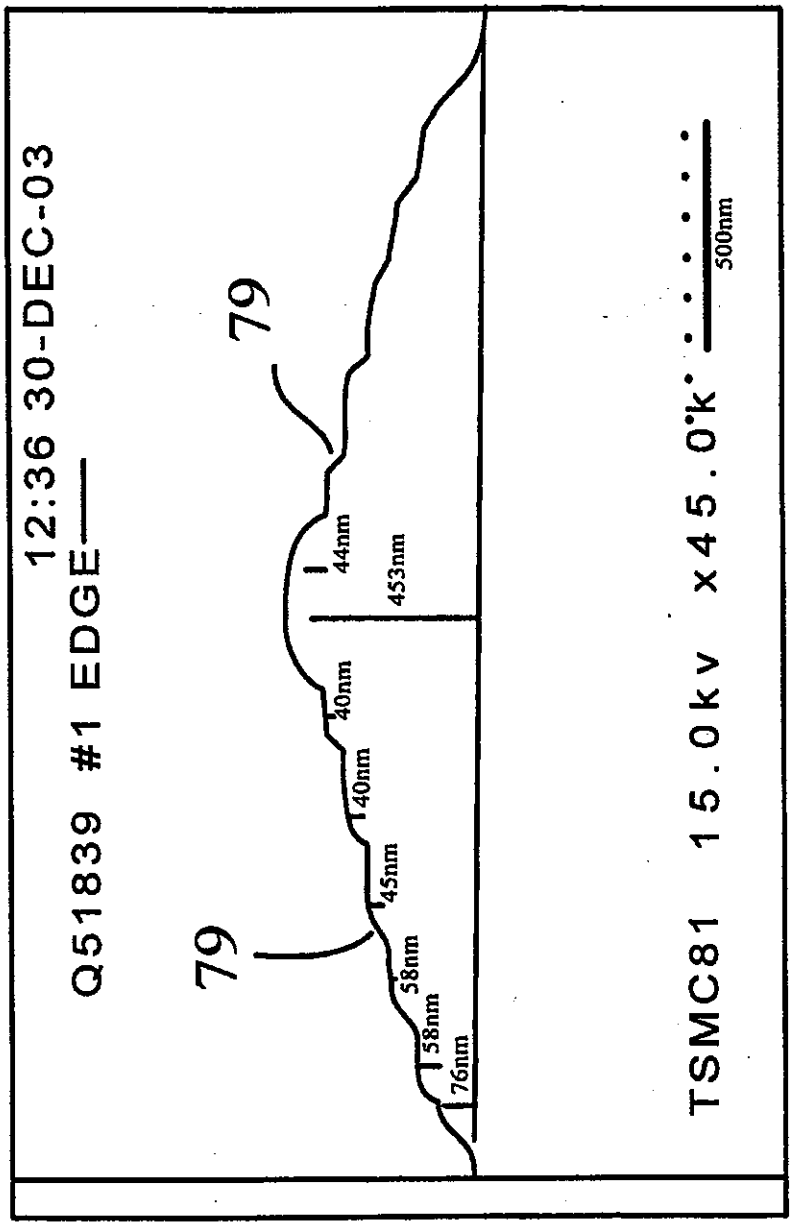

12:36 30-DEC-03
Q51839 #1 EDGE
79
79
44nm
453nm
40nm
40nm
45nm
58nm
58nm
76nm
TSMC81 15.0kv x45.0k
500nm

FIG. 5

FIG. 6

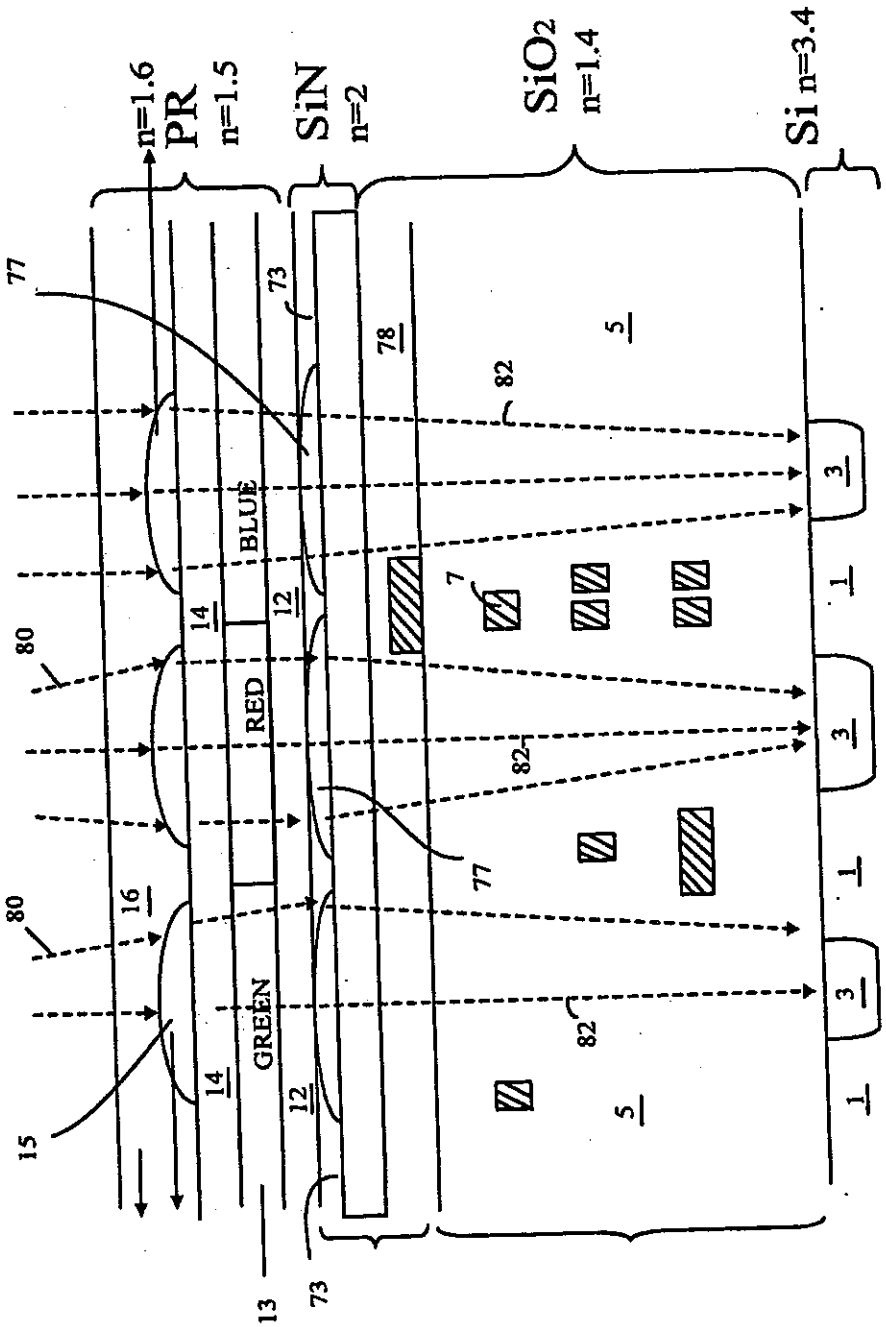

n=1.6
PR
n=1.5
SiN
n=2
SiO2
n=1.4
Si n=3.4
BLUE
RED
GREEN
77
73
78
82
5
3
1
7
80
14
12
16
15
13

FIG. 7A

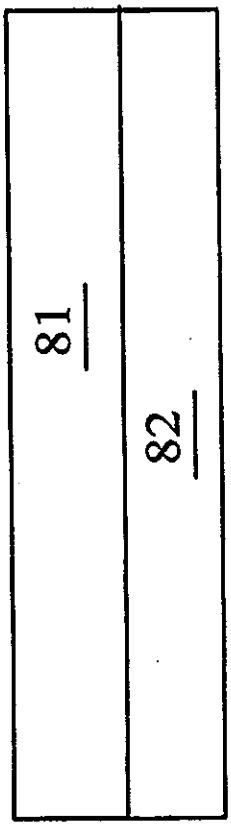


FIG. 7B

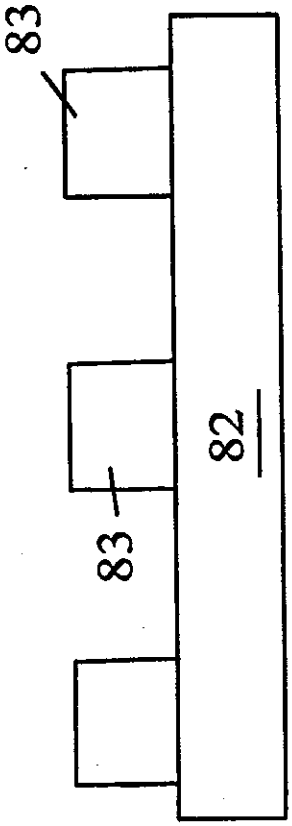
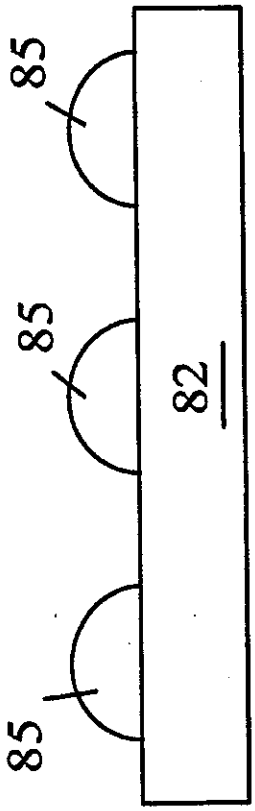


FIG. 7C



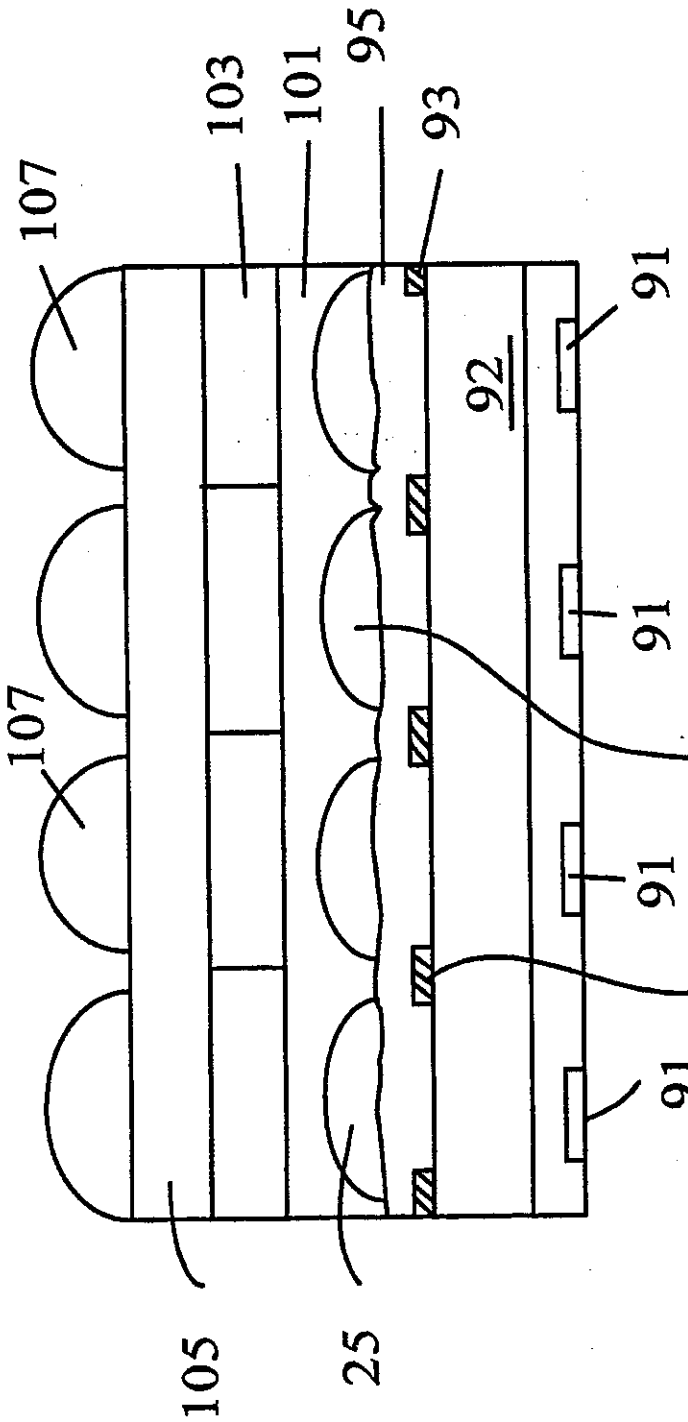


FIG. 8

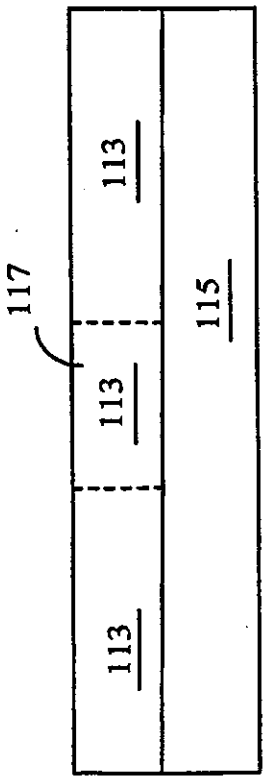


FIG. 9A

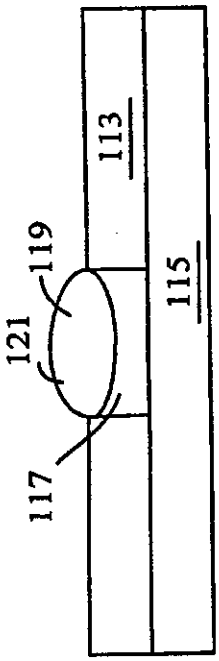


FIG. 9B

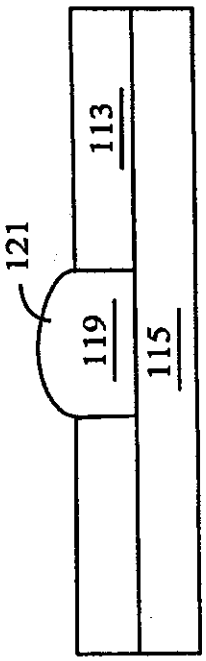


FIG. 9C

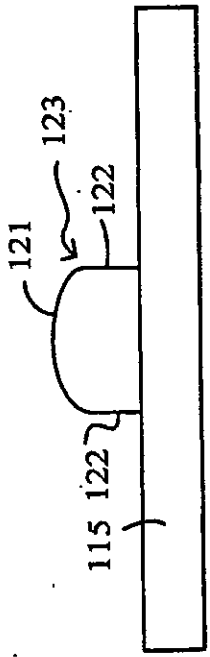


FIG. 9D