FIG. 1

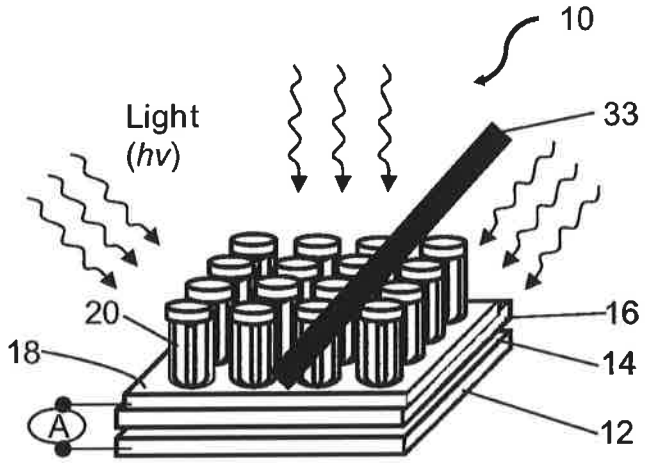
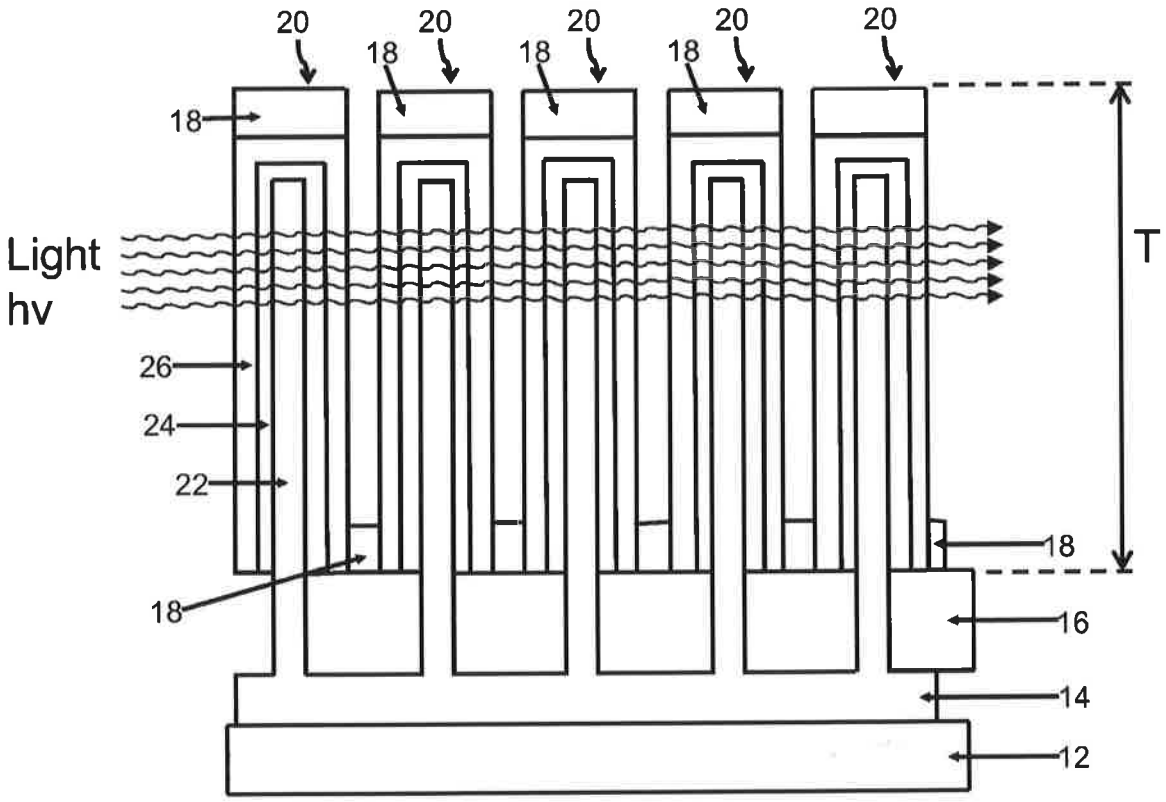


FIG. 2



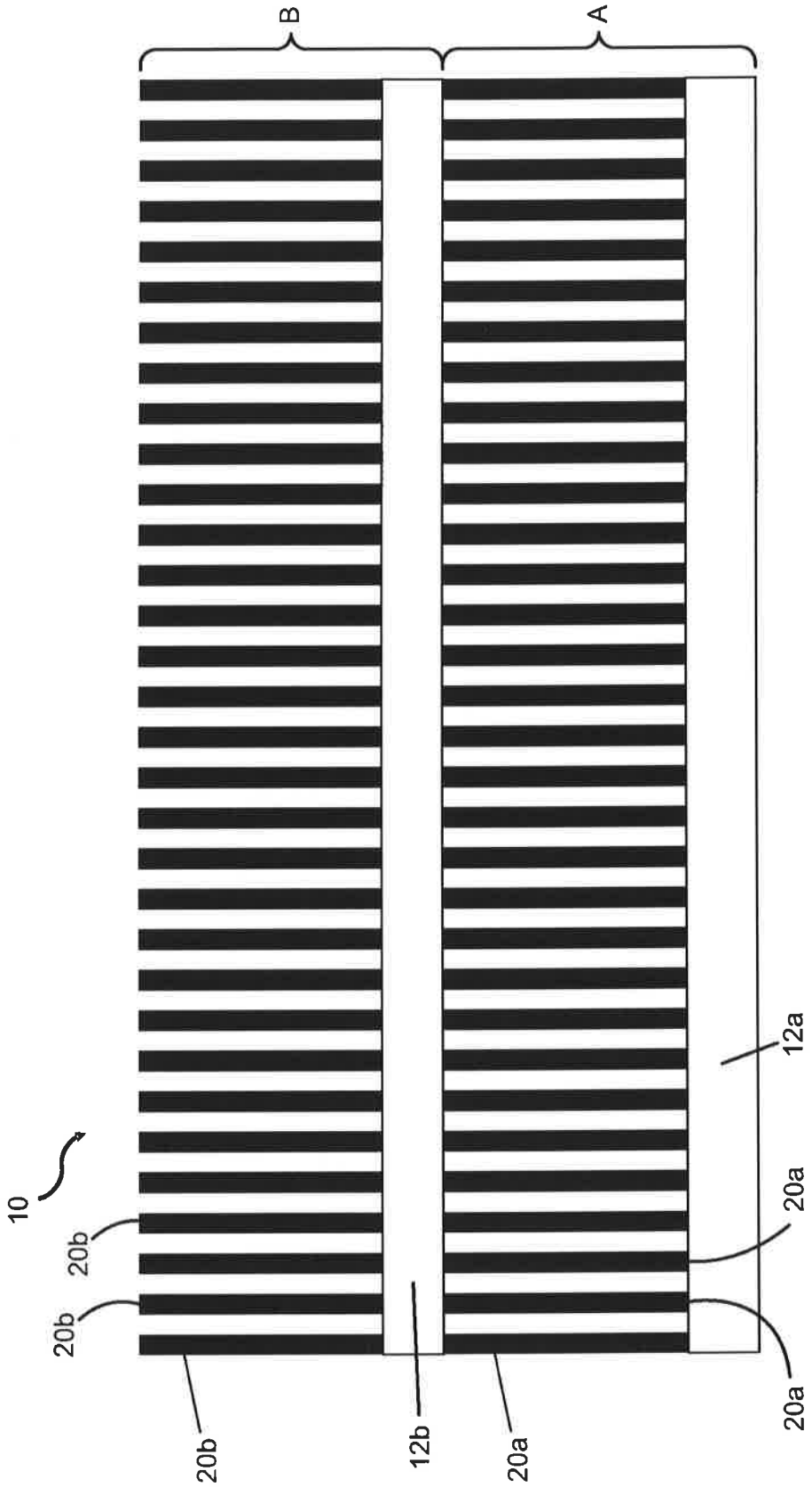


FIG. 3A

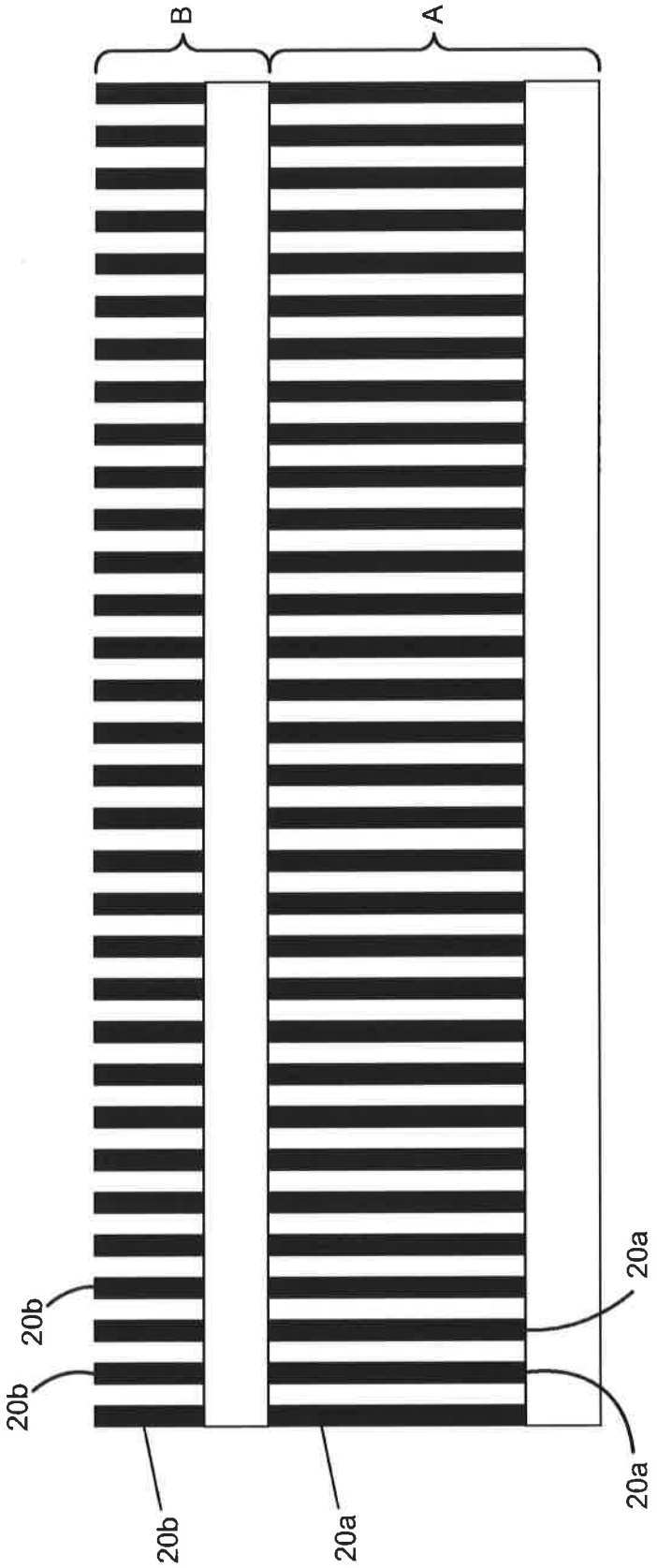


FIG. 3B

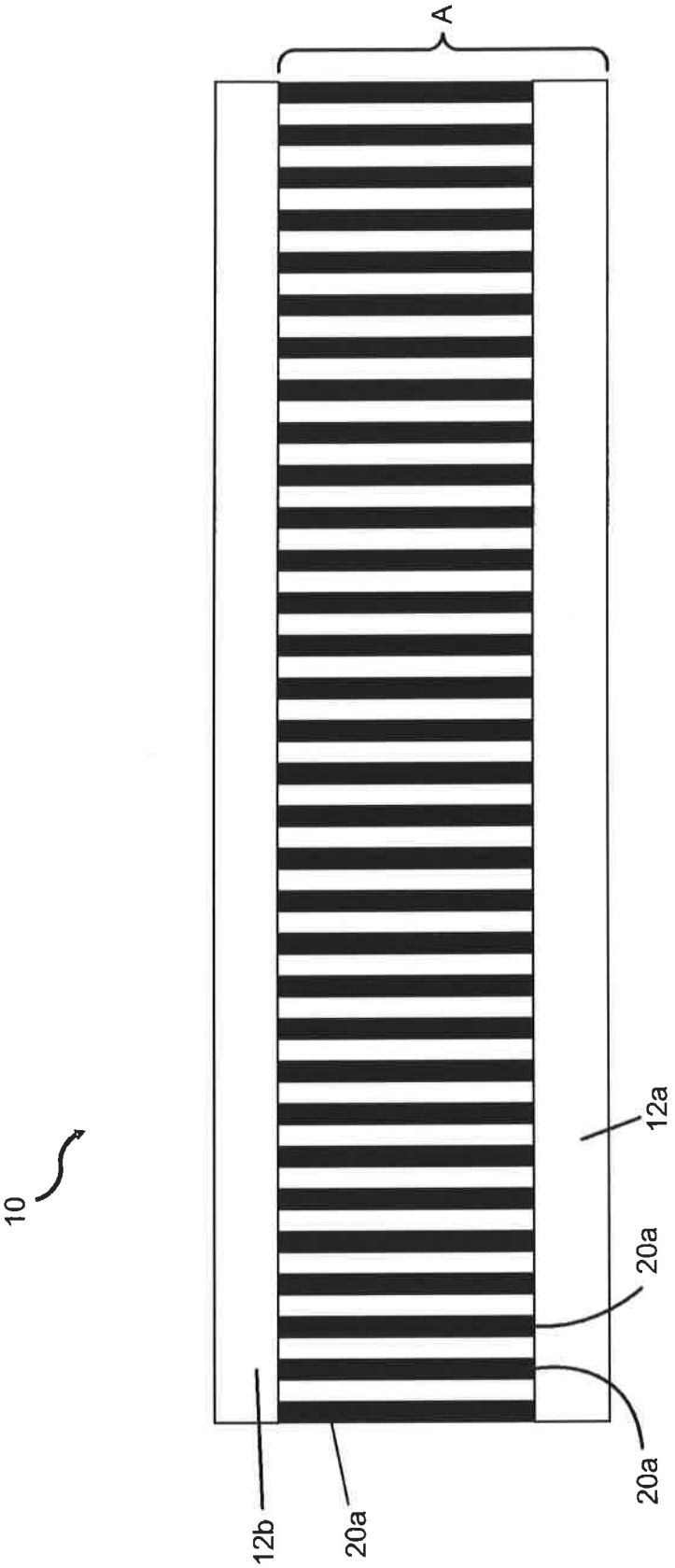


FIG. 3C

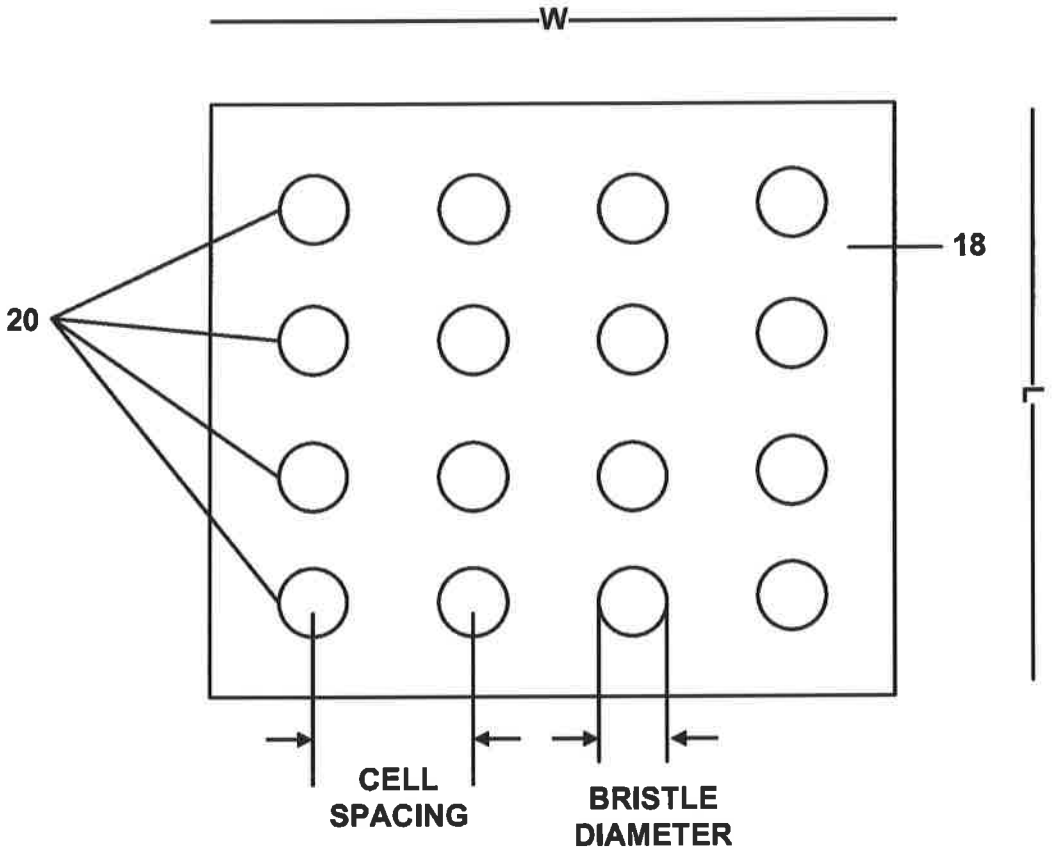


FIG. 4

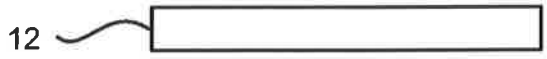


FIG. 5A

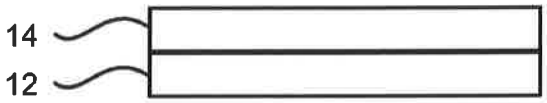


FIG. 5B

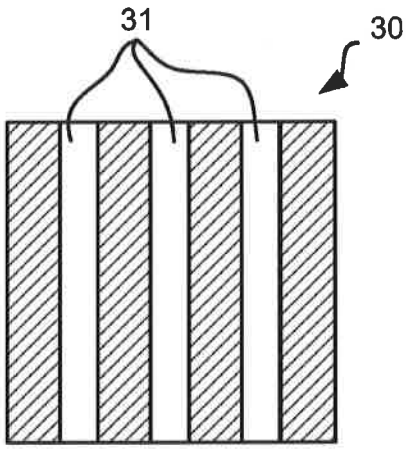


FIG. 5C

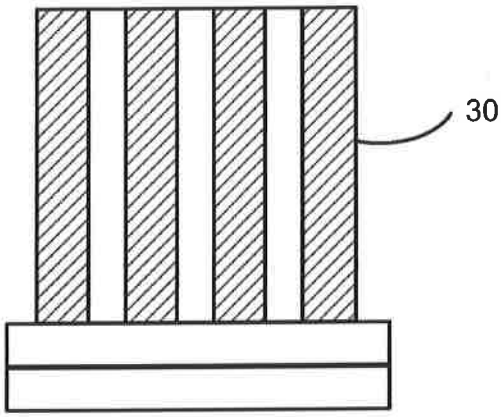


FIG. 5D

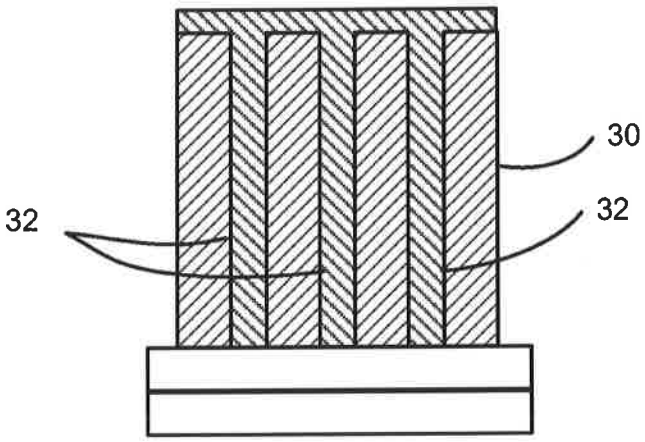


FIG. 5E

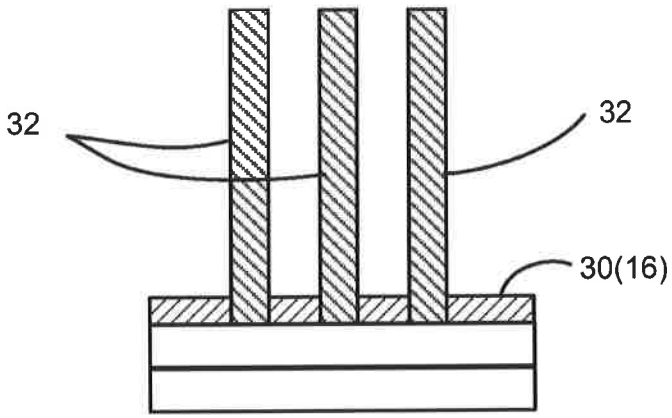


FIG. 5F

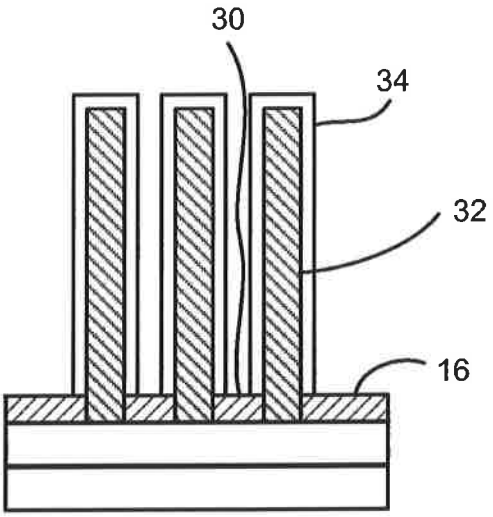


FIG. 5G

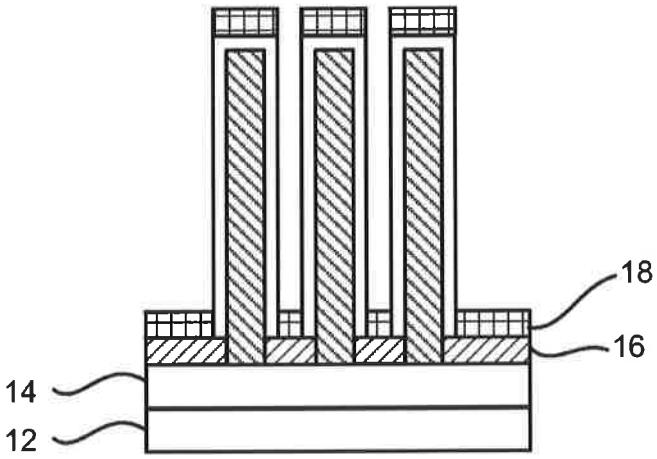


FIG. 5H

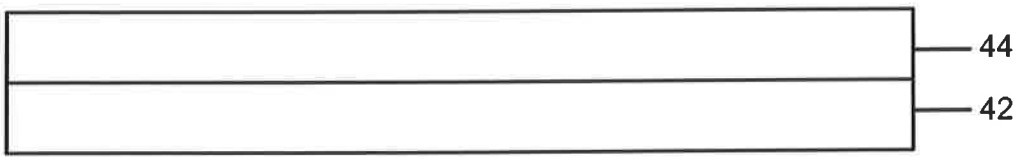


FIG. 6A

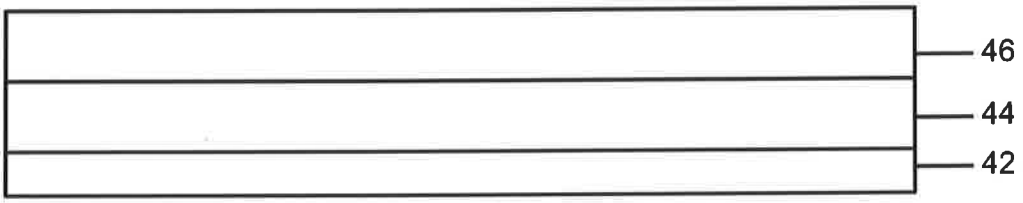


FIG. 6B

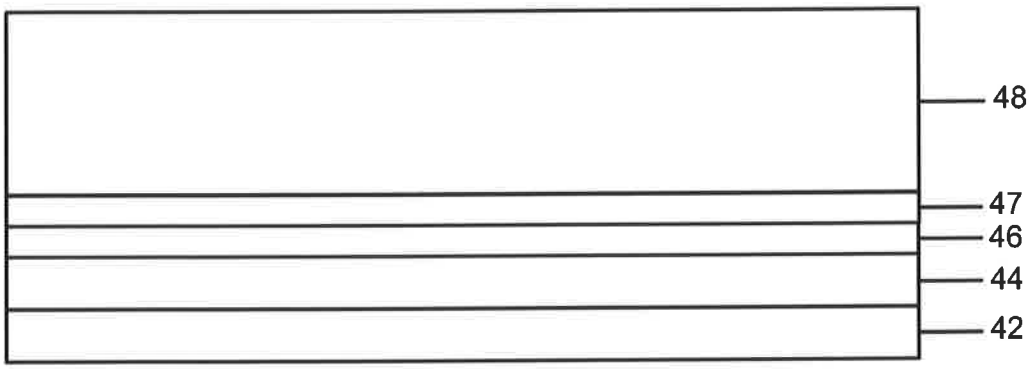


FIG. 6C

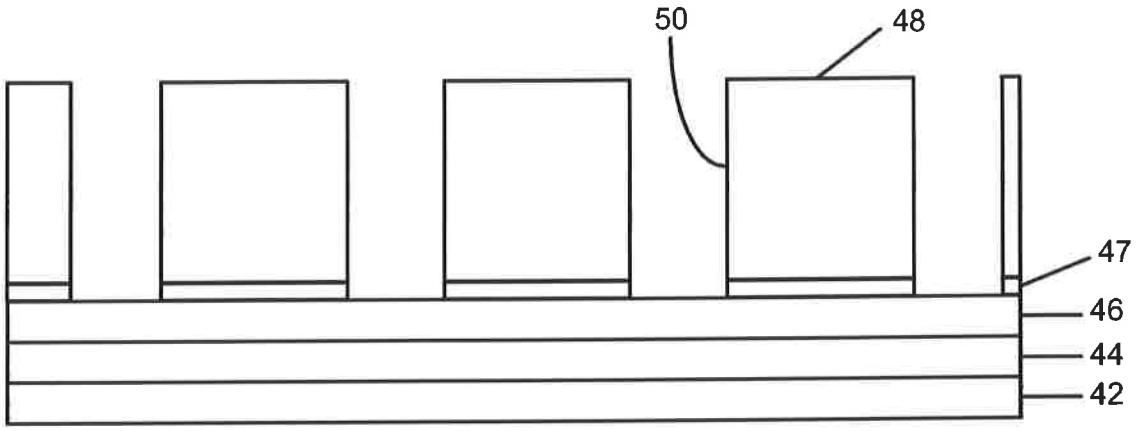


FIG. 6D

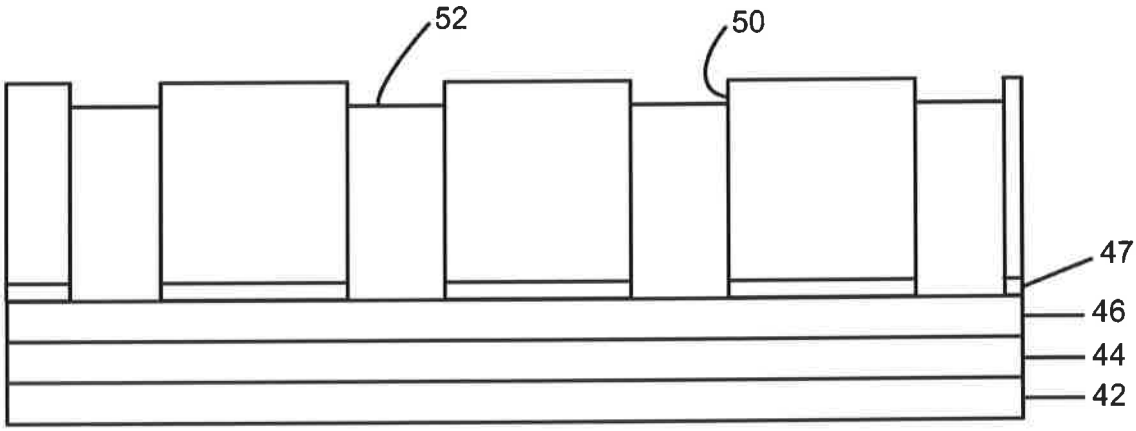


FIG. 6E

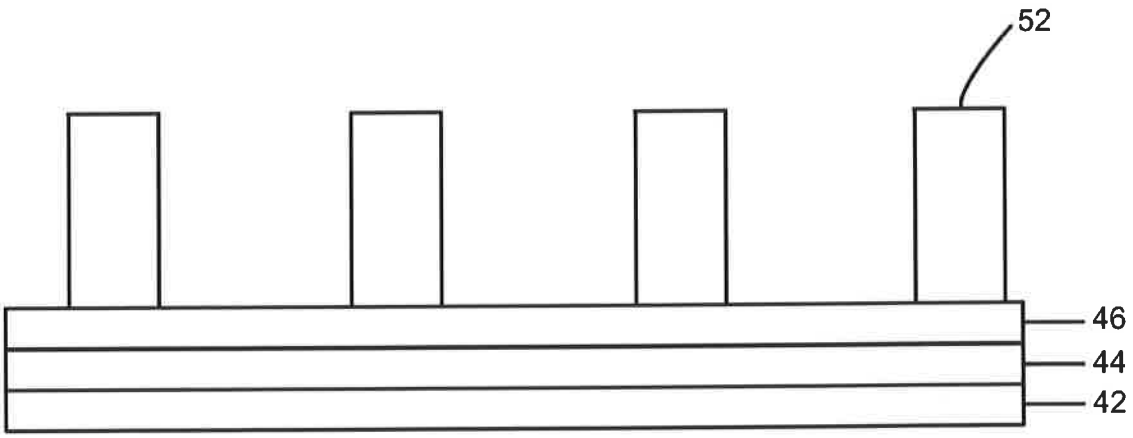


FIG. 6F

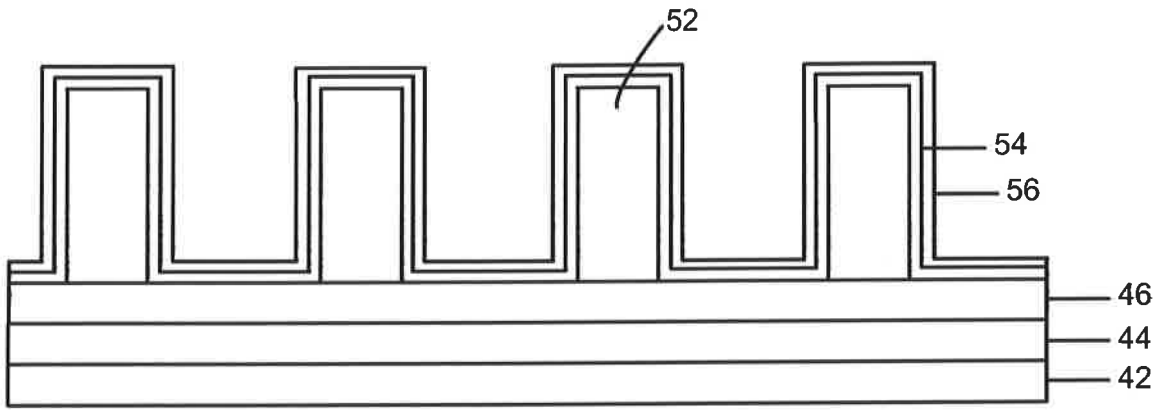


FIG. 6G

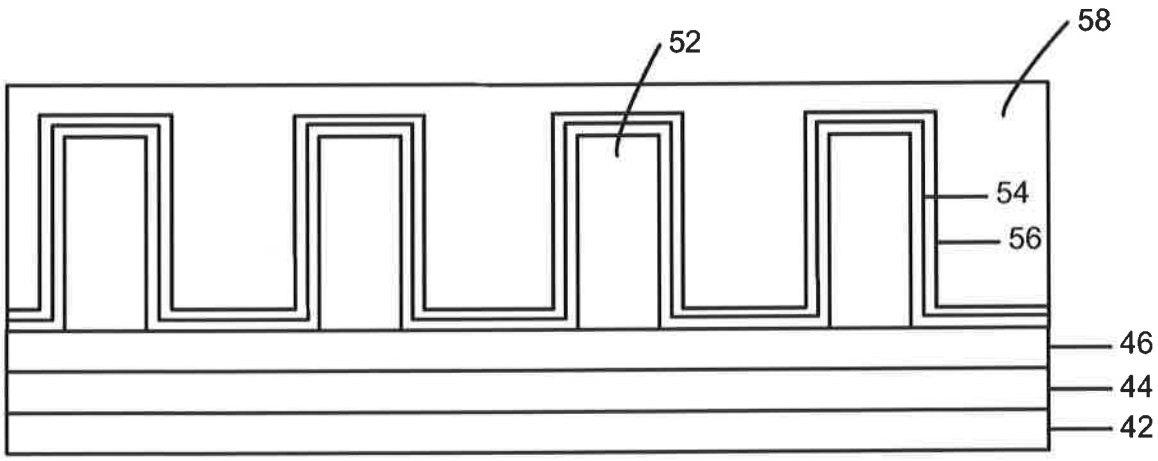


FIG. 6H

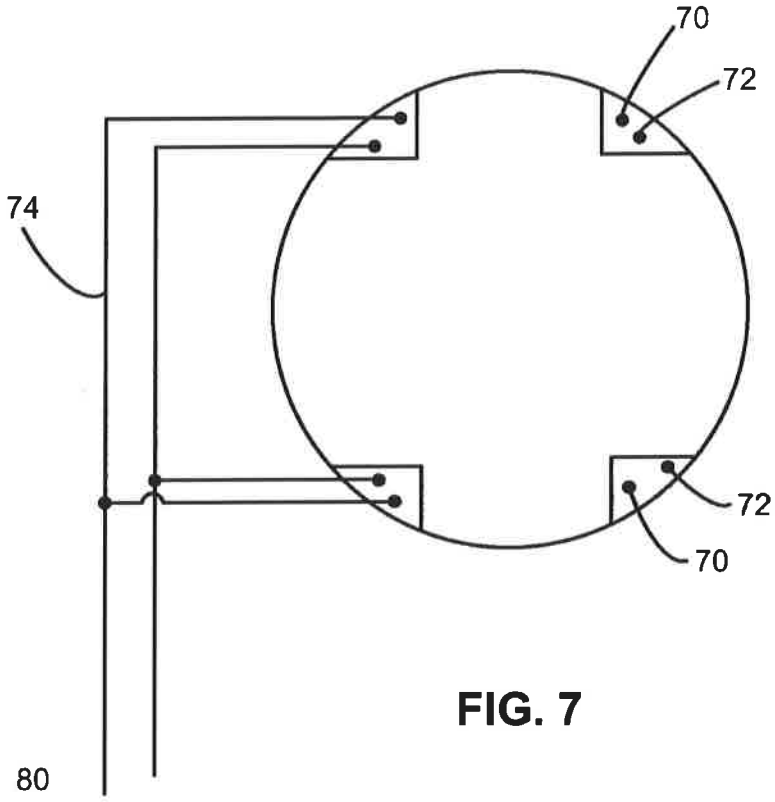

70
72
74
72
70

FIG. 7

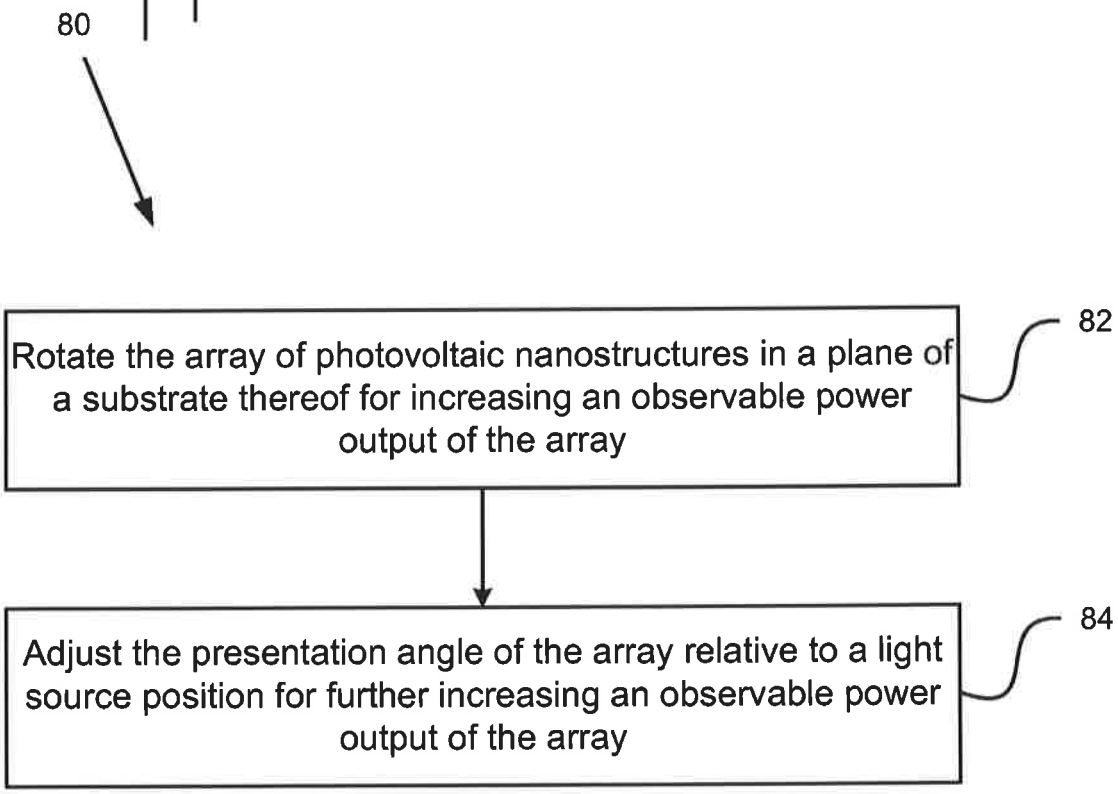

80
Rotate the array of photovoltaic nanostructures in a plane of a substrate thereof for increasing an observable power output of the array
82
Adjust the presentation angle of the array relative to a light source position for further increasing an observable power output of the array
84

FIG. 8

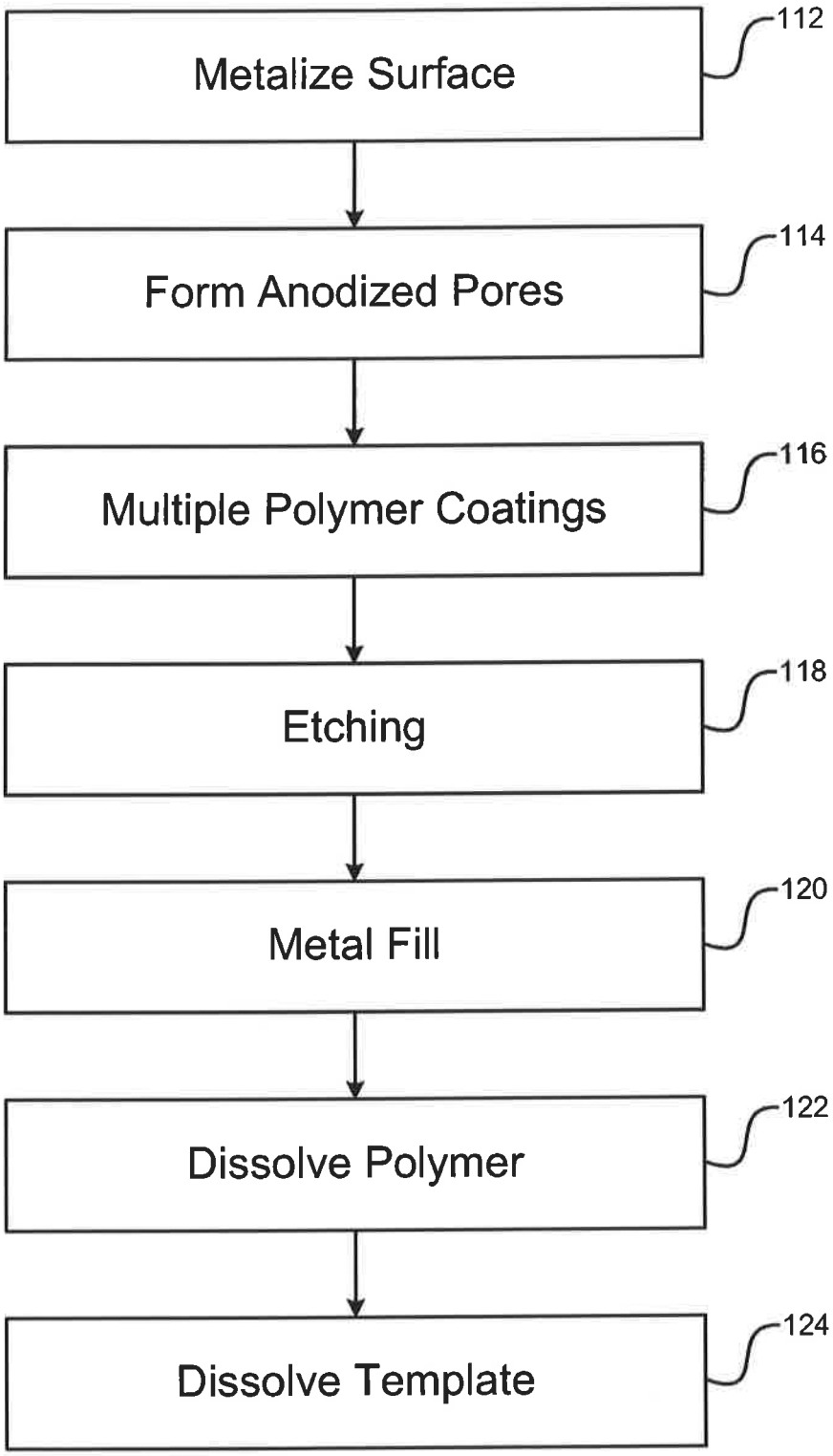

Metalize Surface
112
Form Anodized Pores
114
Multiple Polymer Coatings
116
Etching
118
Metal Fill
120
Dissolve Polymer
122
Dissolve Template
124

FIG. 9

FIG. 10A

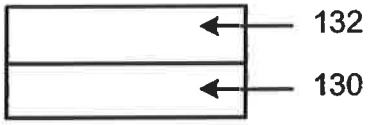


FIG. 10B

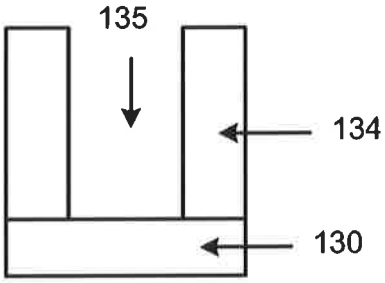


FIG. 10C

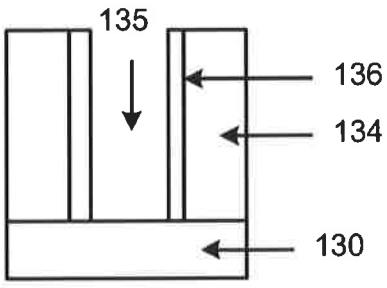


FIG. 10D

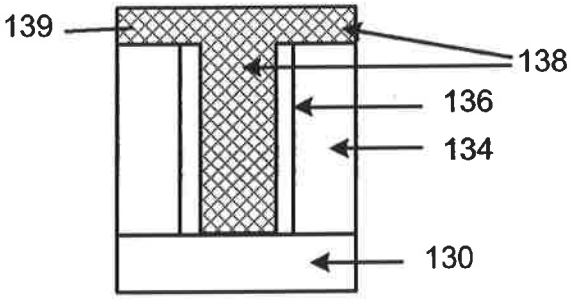


FIG. 10E

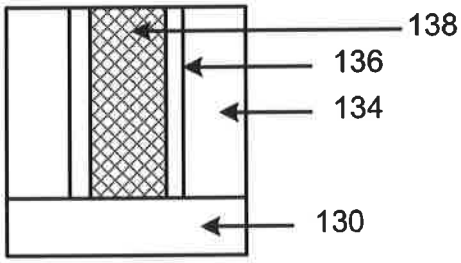


FIG. 10F

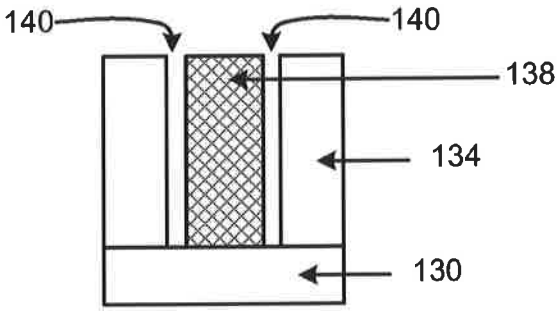


FIG. 10G

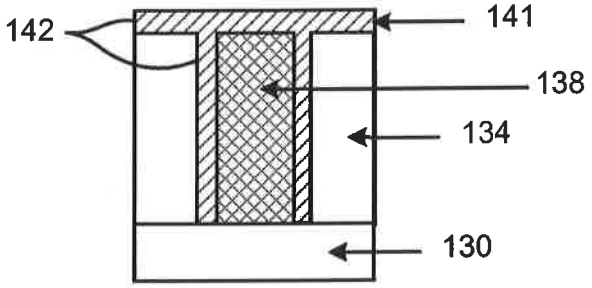


FIG. 10H

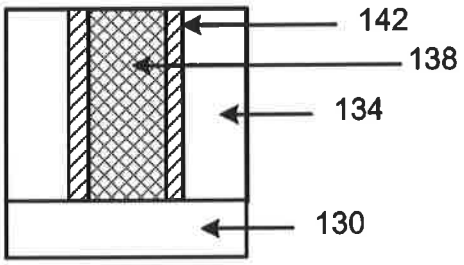


FIG. 10I

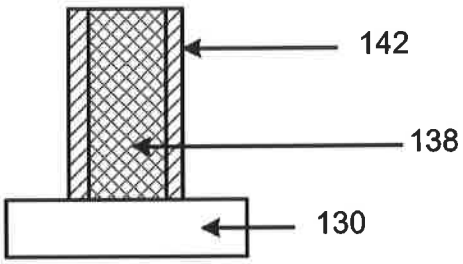


FIG. 11A

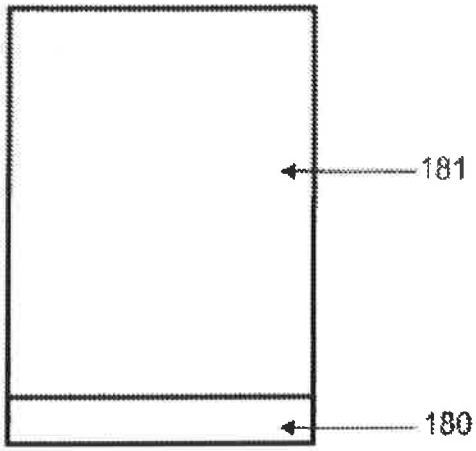


FIG. 11B

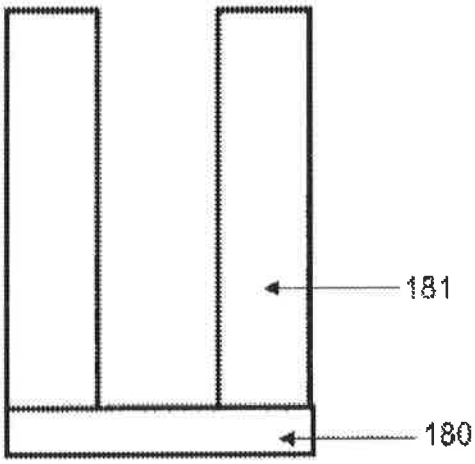


FIG. 11C

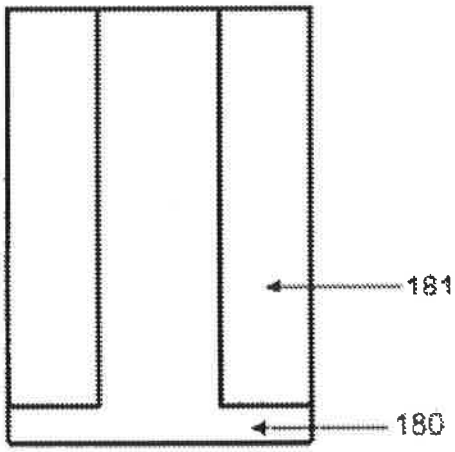


FIG. 11D

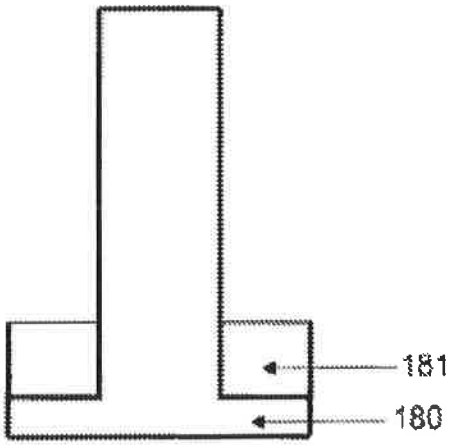
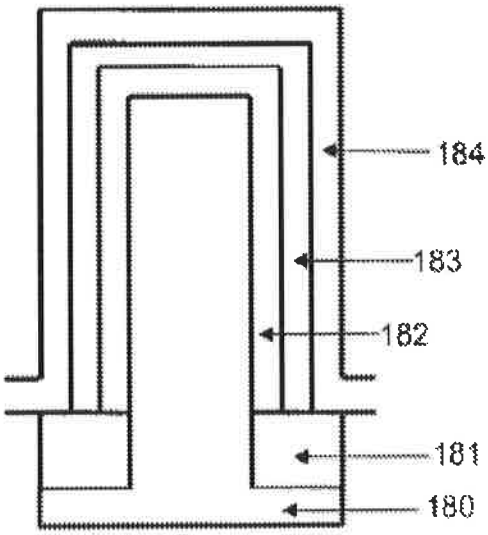


FIG. 11E



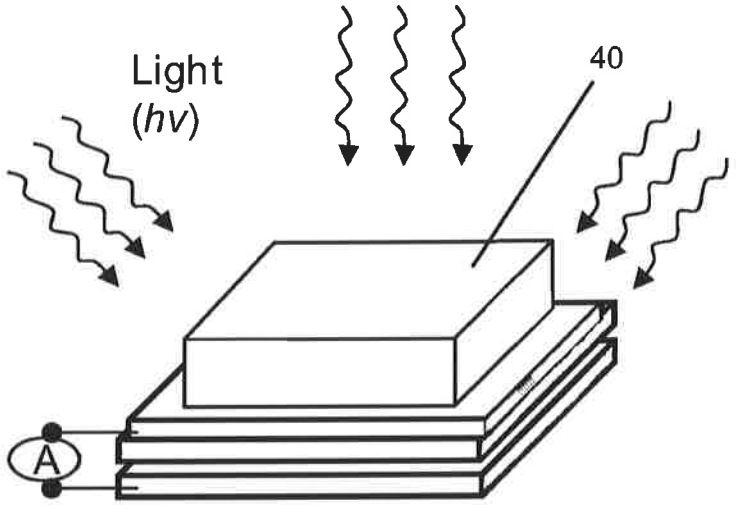

Light
(hv)
40
A

FIG. 12

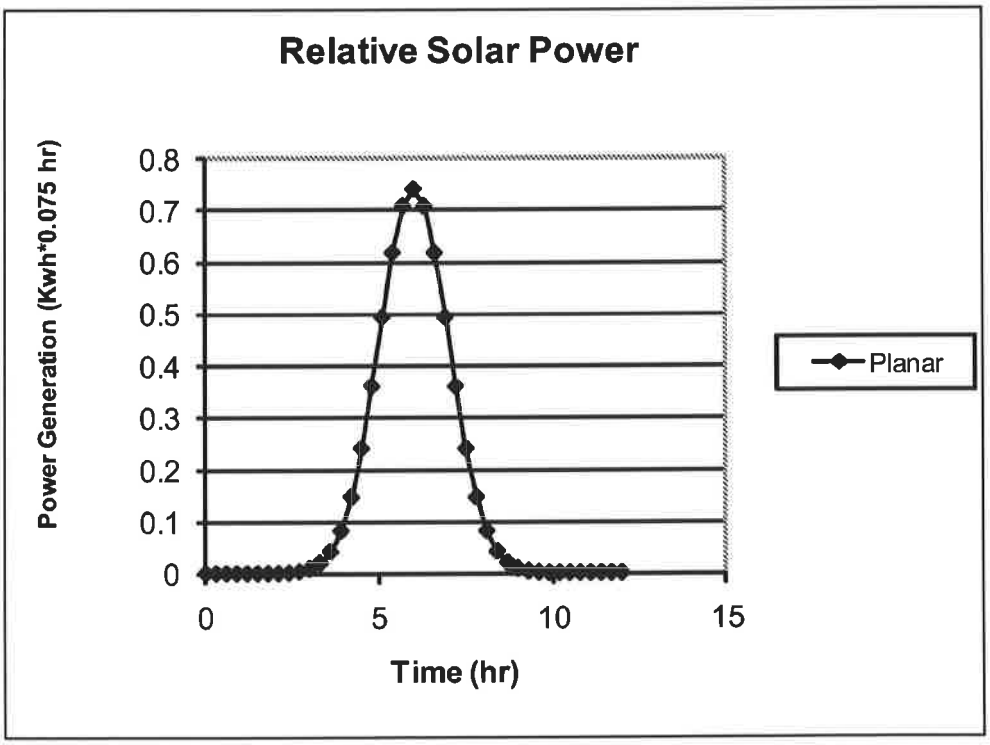

Relative Solar Power
Power Generation (Kwh*0.075 hr)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
Time (hr)
Planar

FIG. 13