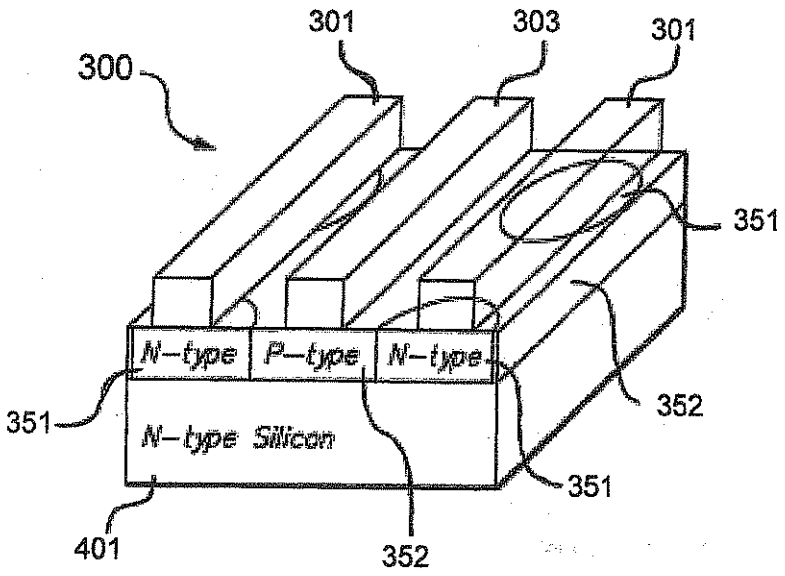

300
301
303
301
351
N–type
P–type
N–type
351
N–type Silicon
352
351
401
352

FIG. 1

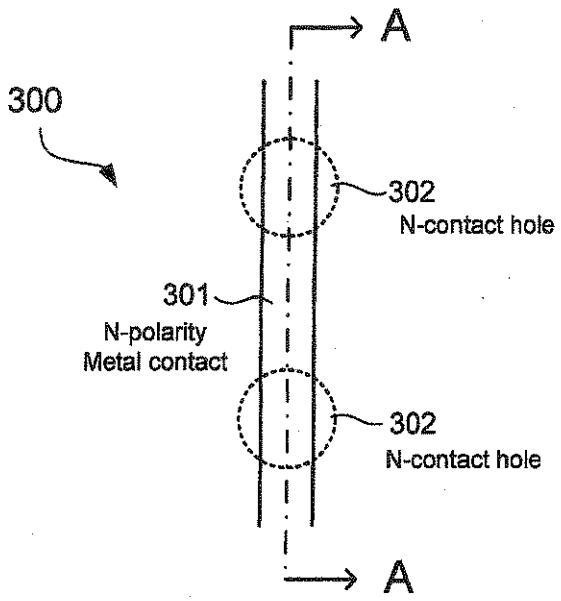

A
300
302
N-contact hole
301
N-polarity
Metal contact
302
N-contact hole
A

FIG. 2

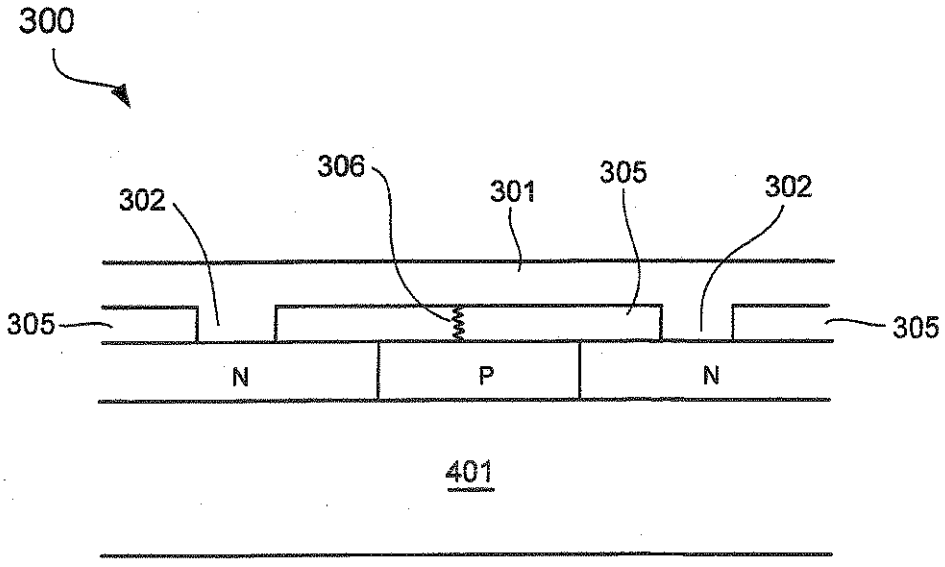

300
306
301
305
302
302
305
305
N
P
N
401

FIG. 3

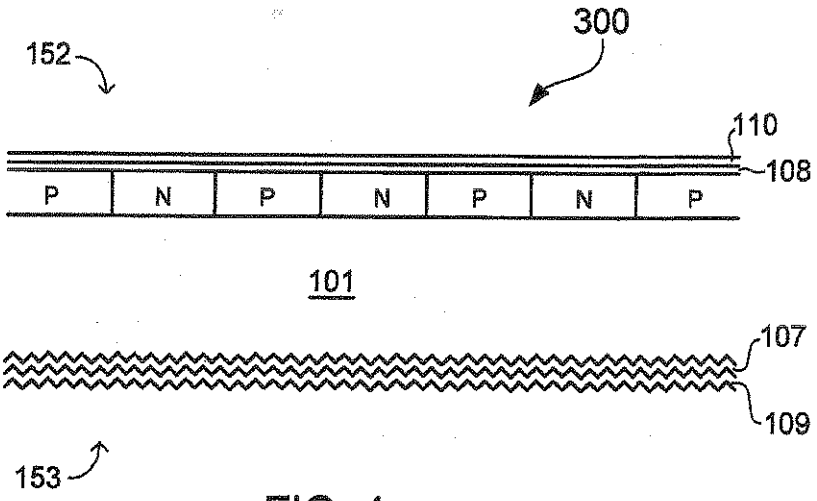

300
152
110
108
P
N
P
N
P
N
P
101
107
109
153

FIG. 4

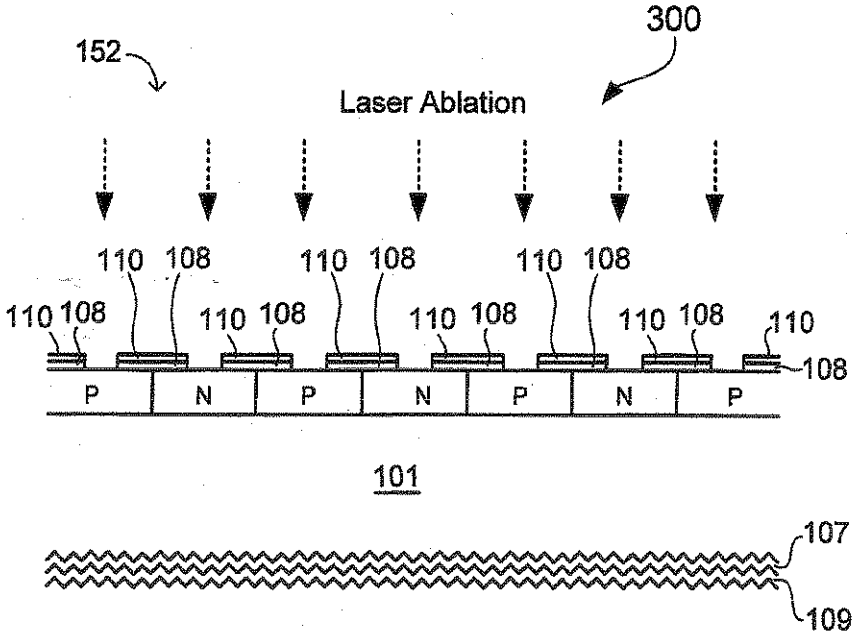

300
152
Laser Ablation
110
108
P
N
P
N
P
N
P
101
107
109

FIG. 5

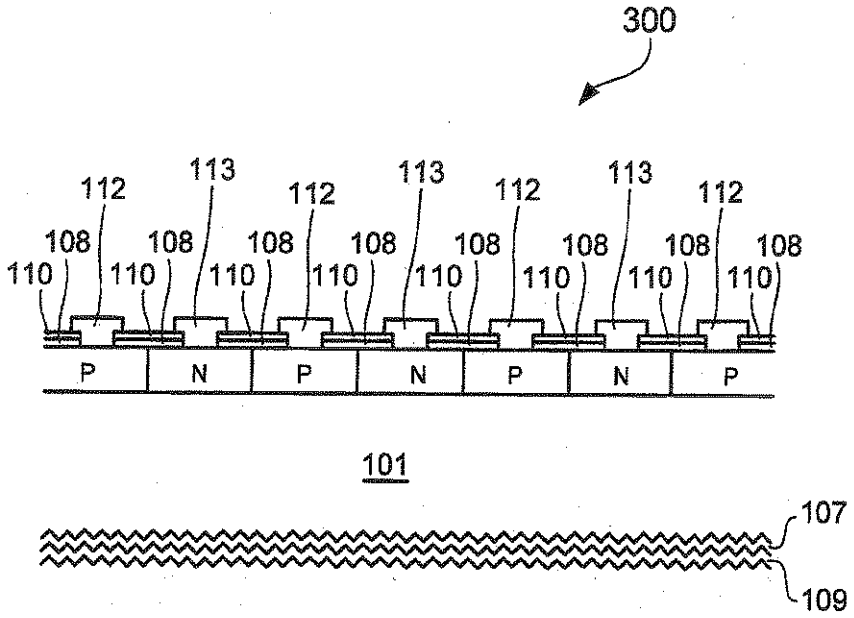


FIG. 6

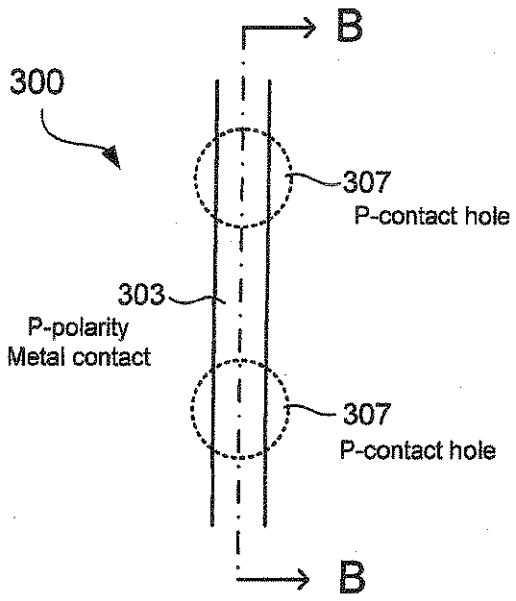

B
300
307
P-contact hole
303
P-polarity
Metal contact
307
P-contact hole
B

FIG. 7

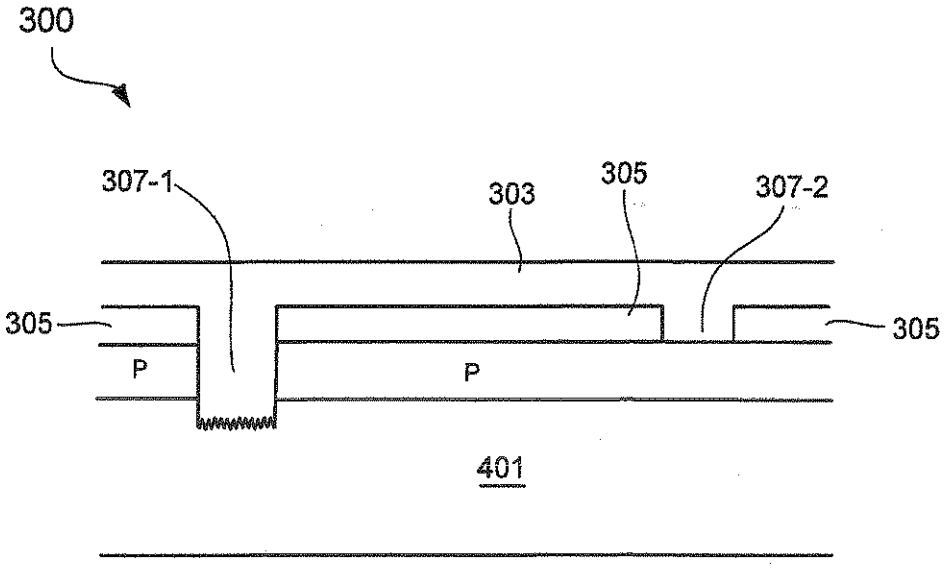

300
307-1
303
305
307-2
305
305
P
P
401

FIG. 8

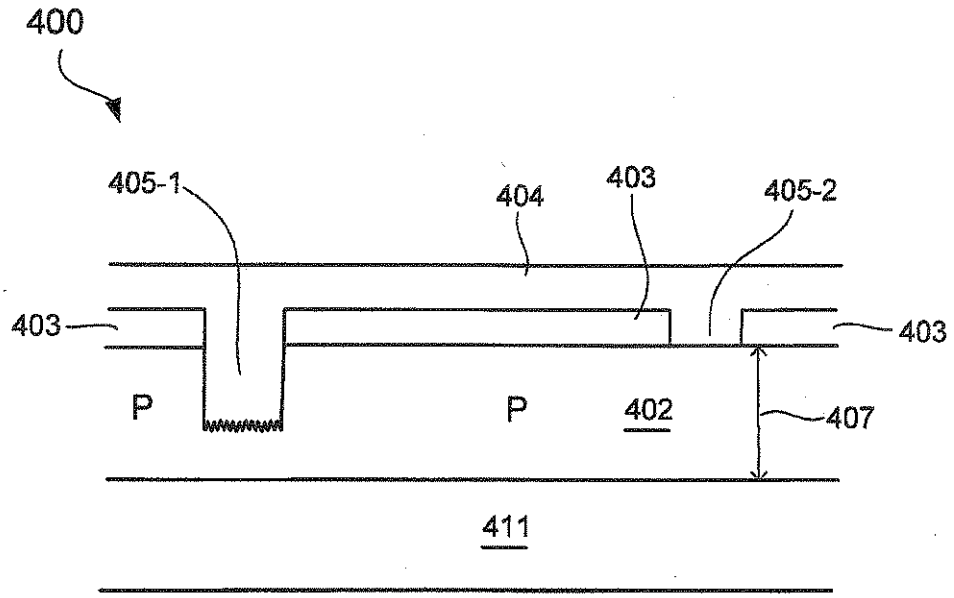


FIG. 9

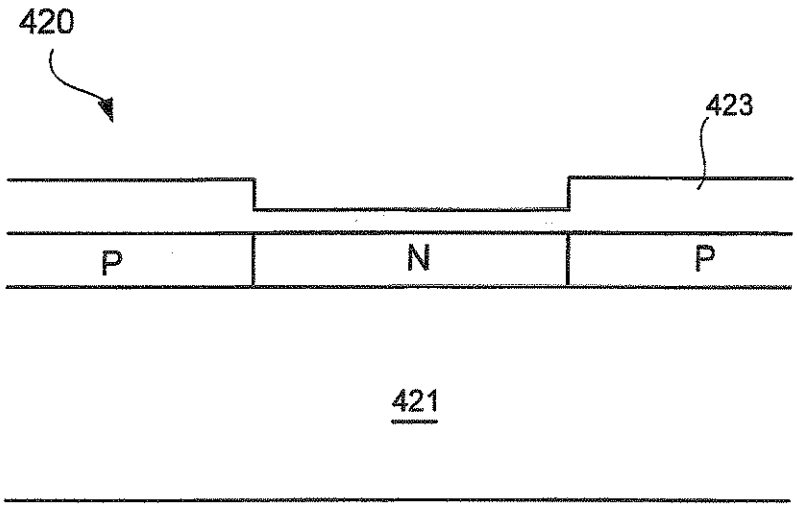


FIG. 10

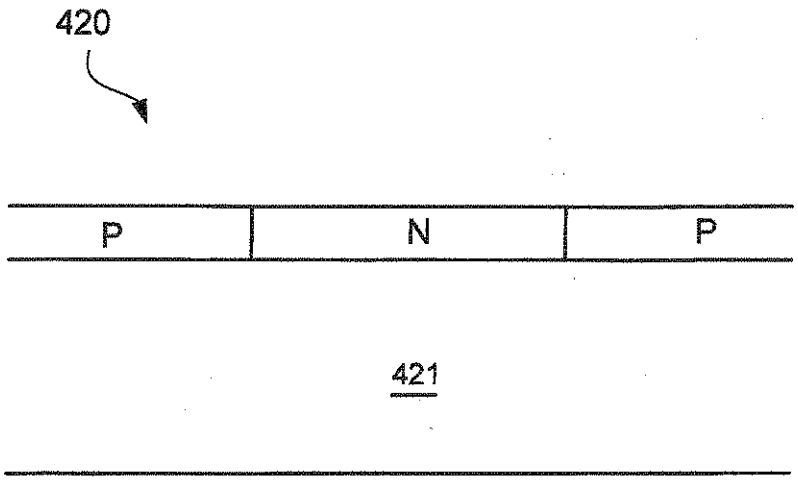


FIG. 11

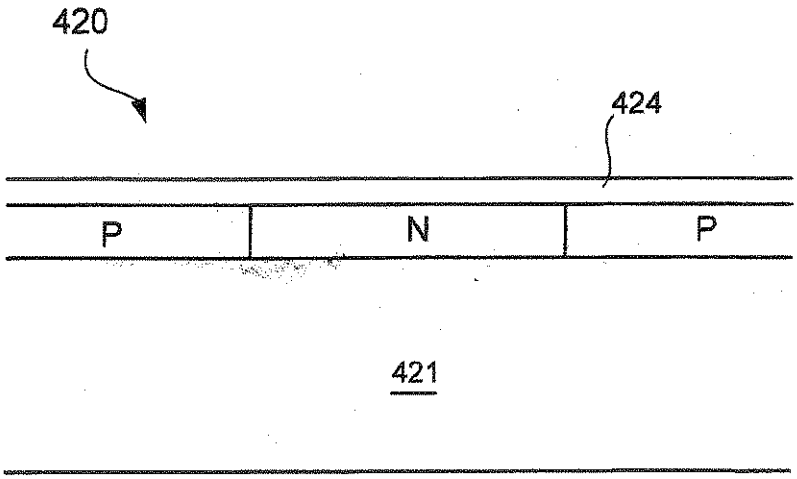


FIG. 12

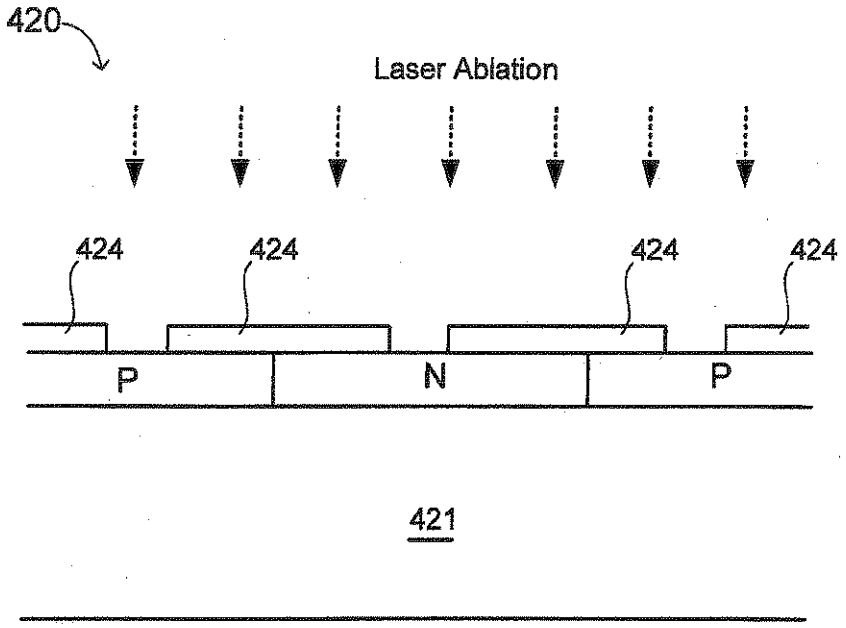


FIG. 13

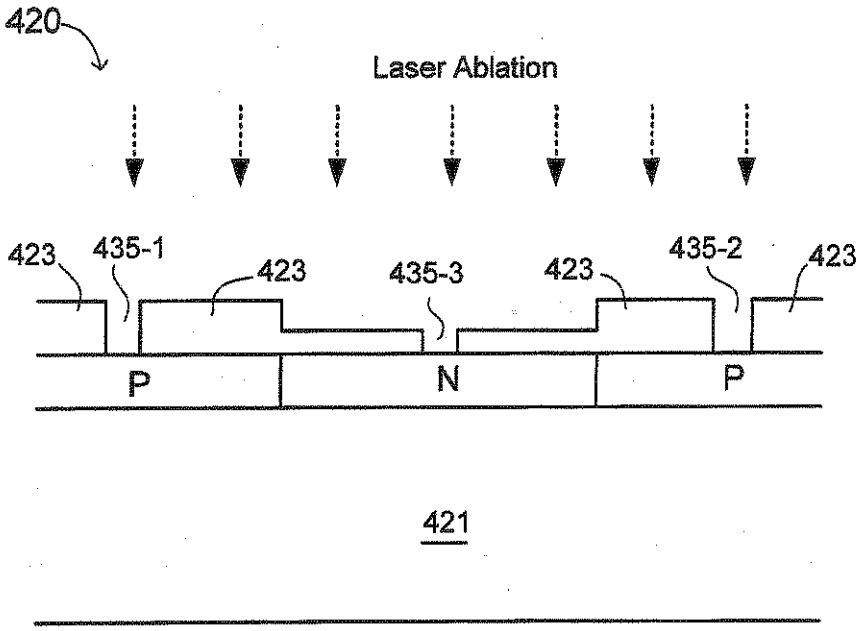


FIG. 14

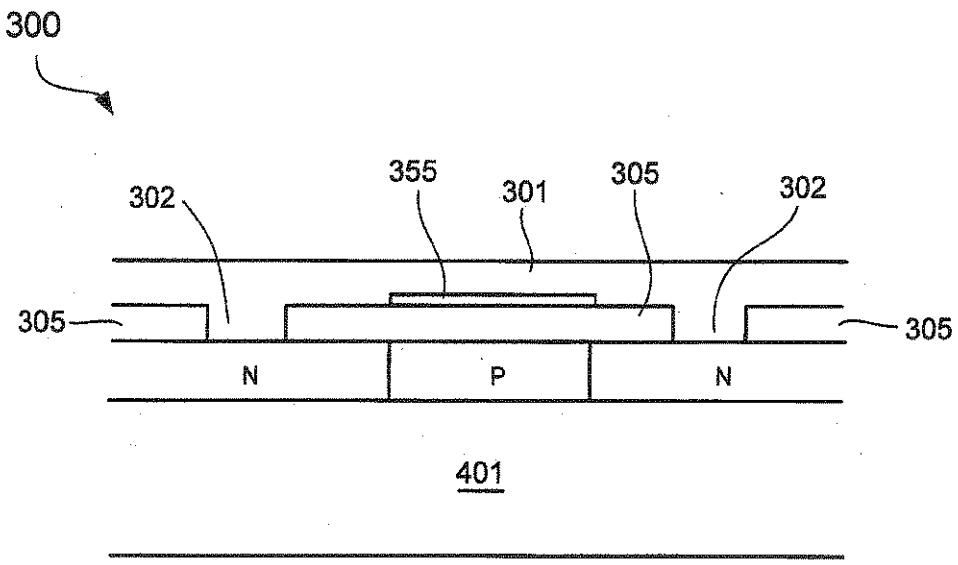


FIG. 15