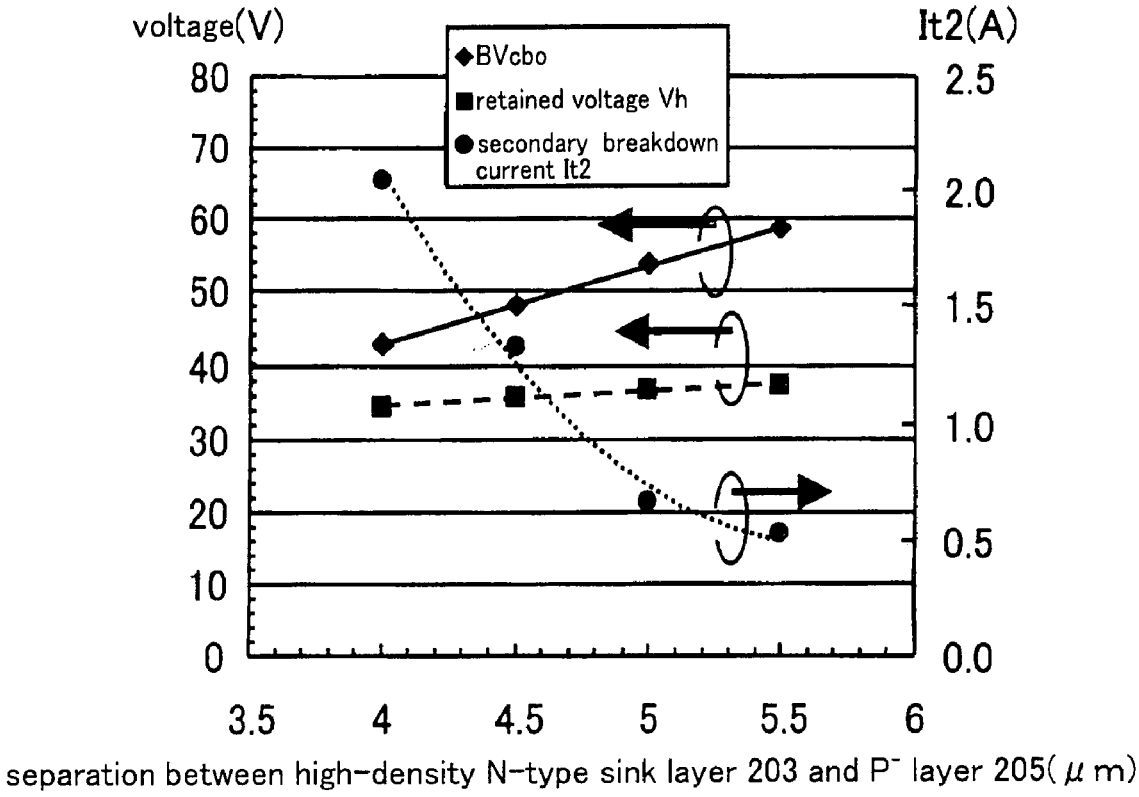
F I G. 8


voltage(V)
It2(A)
◆BVcbo
■retained voltage Vh
●secondary breakdown current It2
80
70
60
50
40
30
20
10
0
2.5
2.0
1.5
1.0
0.5
0.0
3.5
4
4.5
5
5.5
6
separation between high-density N-type sink layer 203 and P⁻ layer 205(μm)