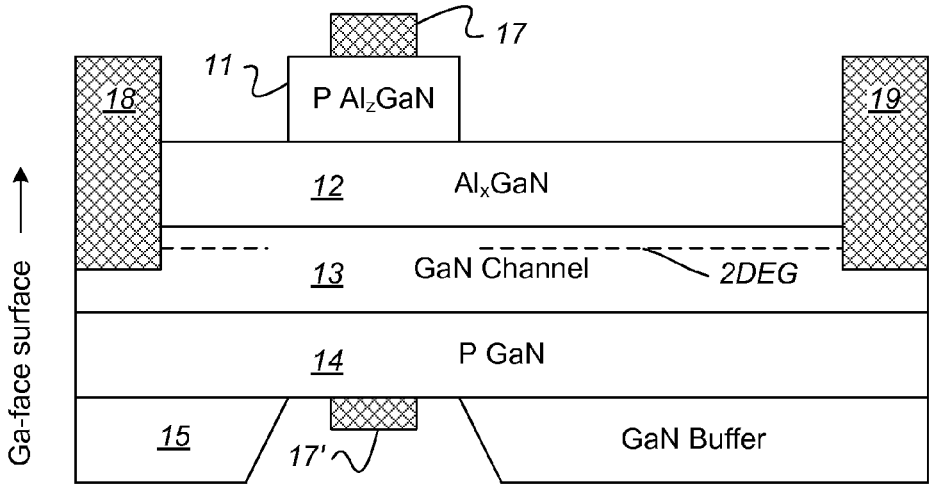
17
11
P Al_zGaN
18
19
12
Al_xGaN
13
GaN Channel
2DEG
14
P GaN
15
17'
GaN Buffer
Ga-face surface

FIG._1

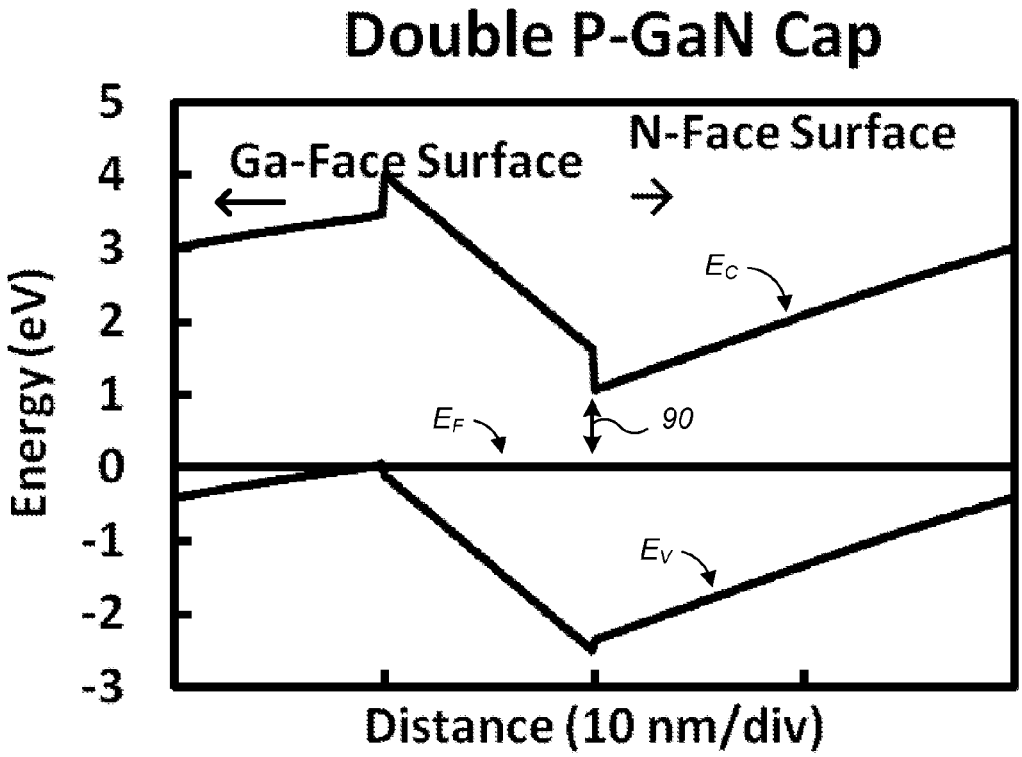
Double P-GaN Cap
Ga-Face Surface
N-Face Surface
E_C
E_F
90
E_V
Energy (eV)
5
4
3
2
1
0
-1
-2
-3
Distance (10 nm/div)

FIG._2