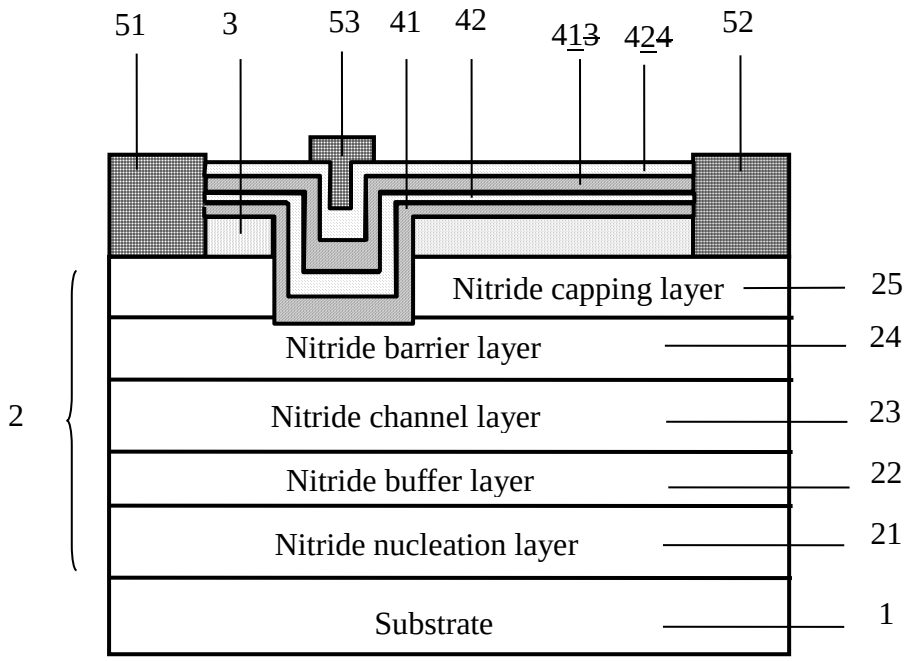

51
3
53
41
42
413
424
52
Nitride capping layer
25
Nitride barrier layer
24
2
Nitride channel layer
23
Nitride buffer layer
22
Nitride nucleation layer
21
Substrate
1

FIG. 7

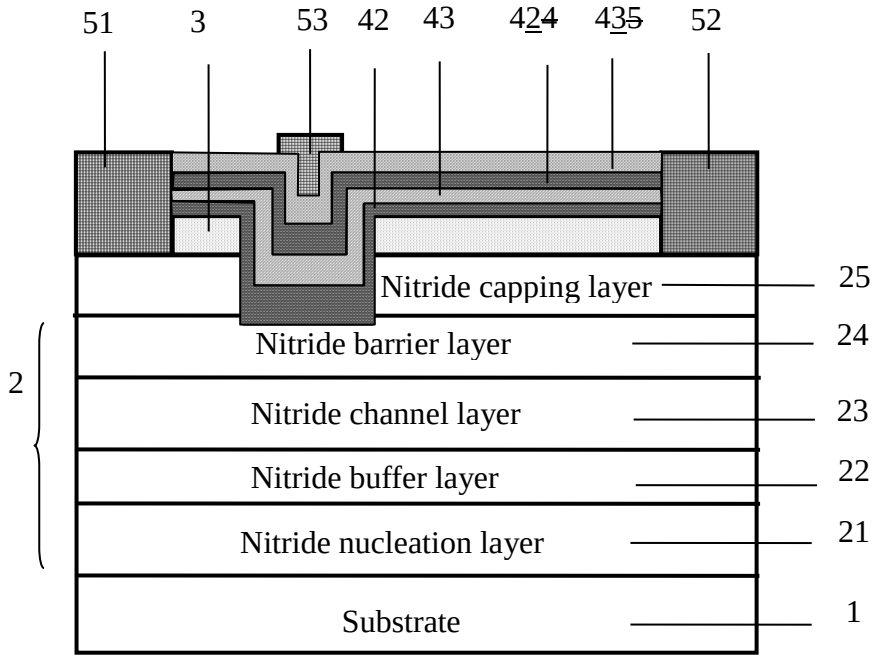

51
3
53
42
43
424
435
52
Nitride capping layer
25
Nitride barrier layer
24
2
Nitride channel layer
23
Nitride buffer layer
22
Nitride nucleation layer
21
Substrate
1

FIG. 8

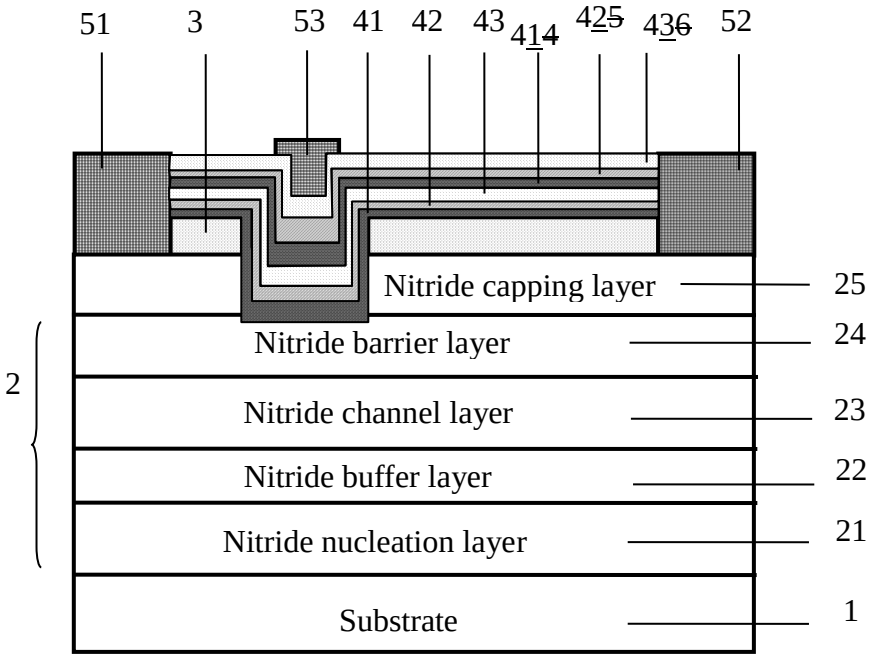

51
3
53
41
42
43
414
425
436
52
Nitride capping layer
25
Nitride barrier layer
24
2
Nitride channel layer
23
Nitride buffer layer
22
Nitride nucleation layer
21
Substrate
1

FIG. 9

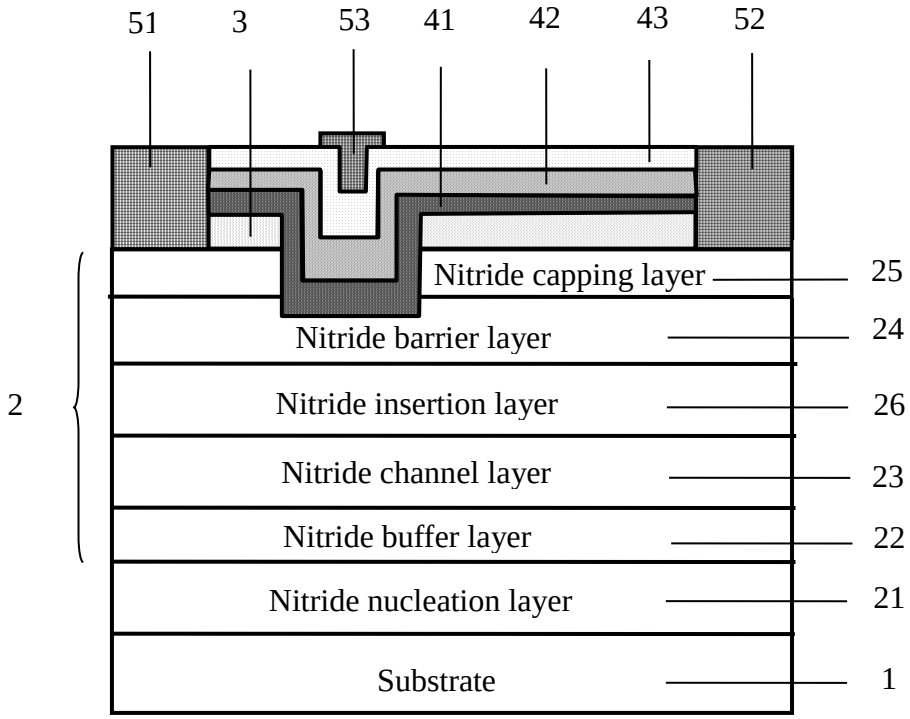

51
3
53
41
42
43
52
Nitride capping layer
25
Nitride barrier layer
24
2
Nitride insertion layer
26
Nitride channel layer
23
Nitride buffer layer
22
Nitride nucleation layer
21
Substrate
1

FIG. 10