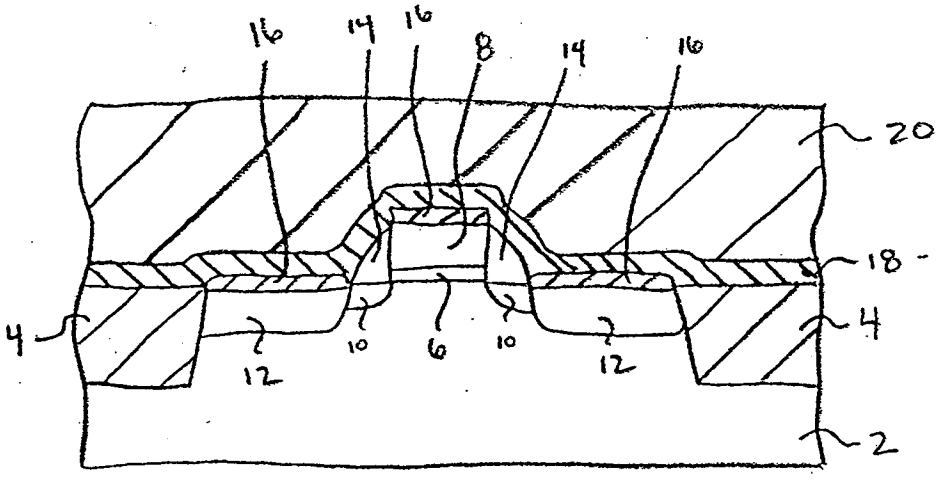


FIG. 1 (prior art)

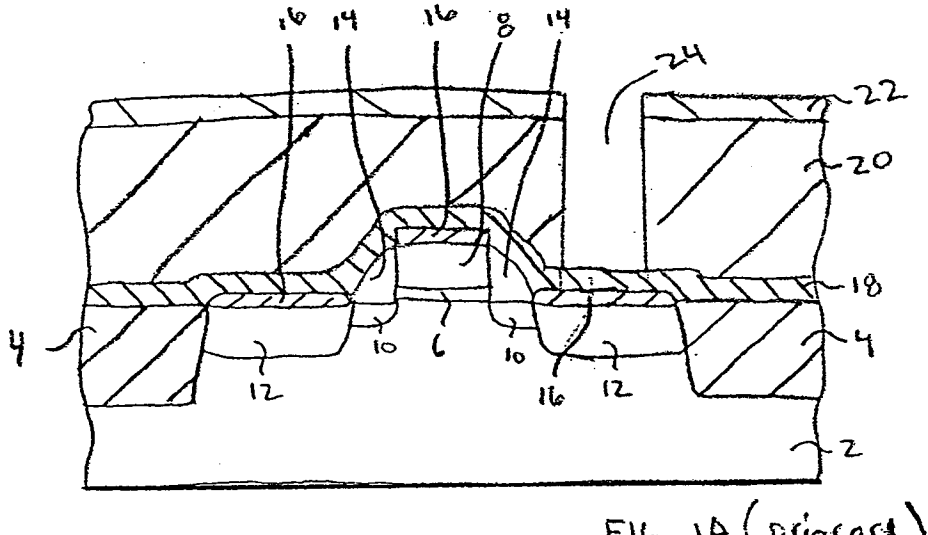


FIG. 1A (prior art)

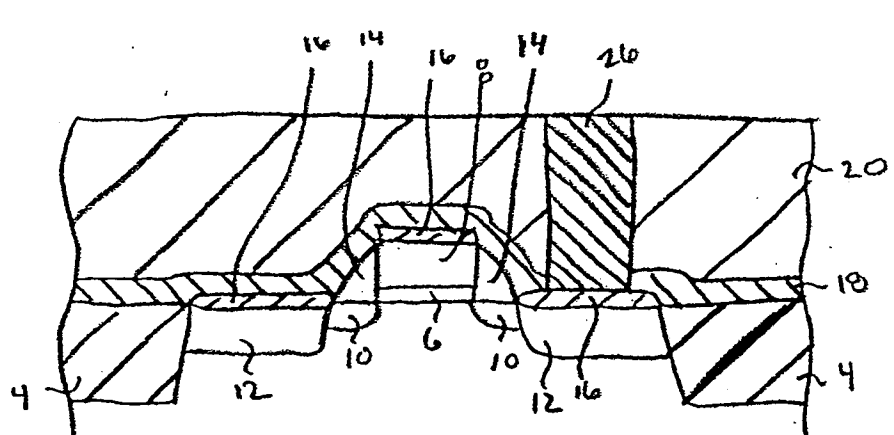


FIG. 1B (prior art)

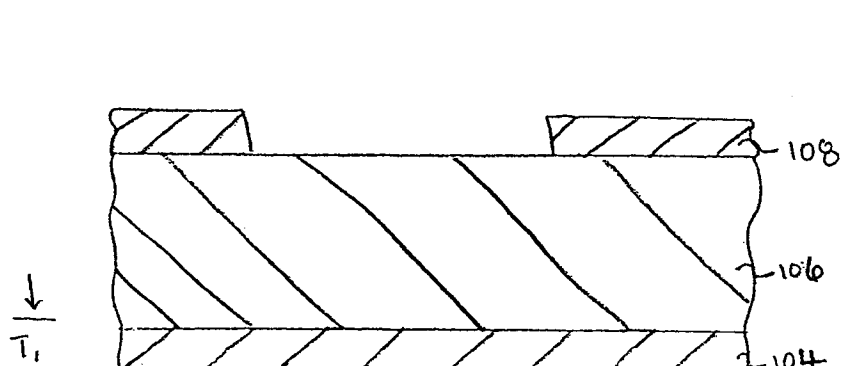


FIG. 2

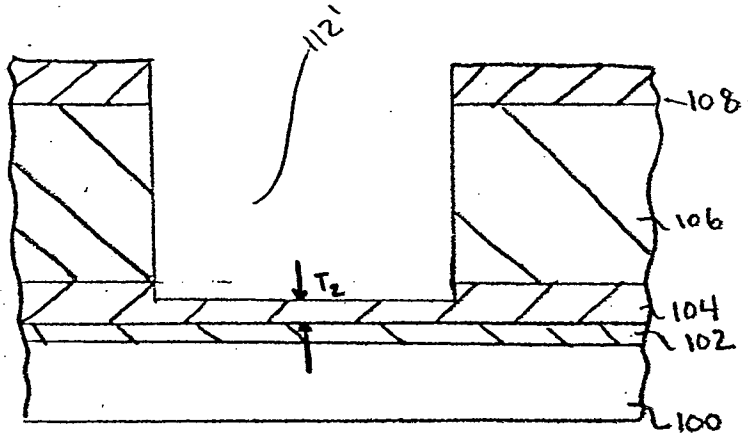


FIG. 2A

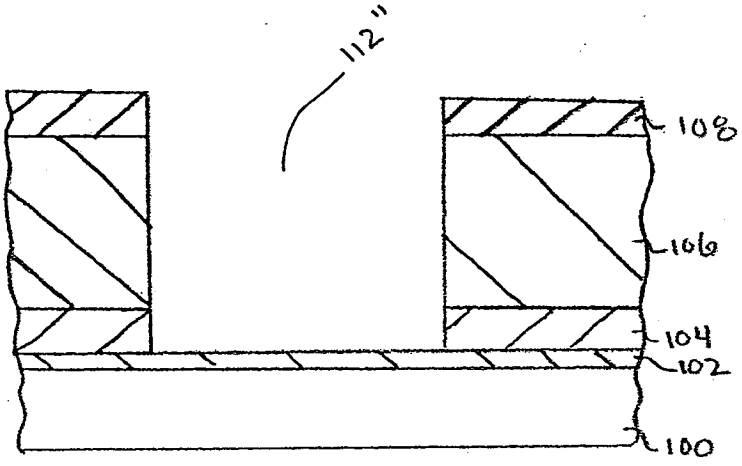


FIG. 2B

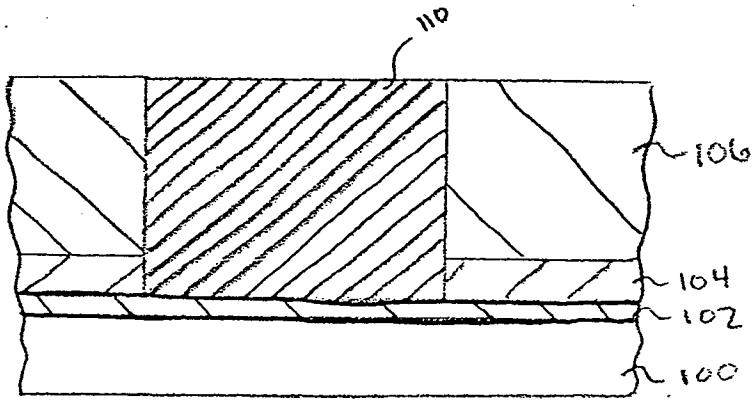


FIG. 2C

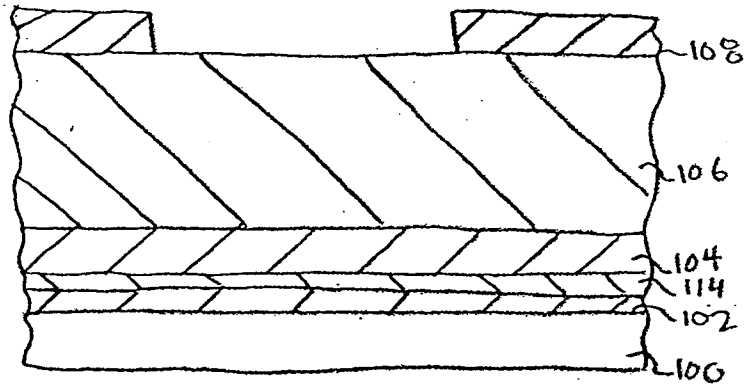


FIG. 3

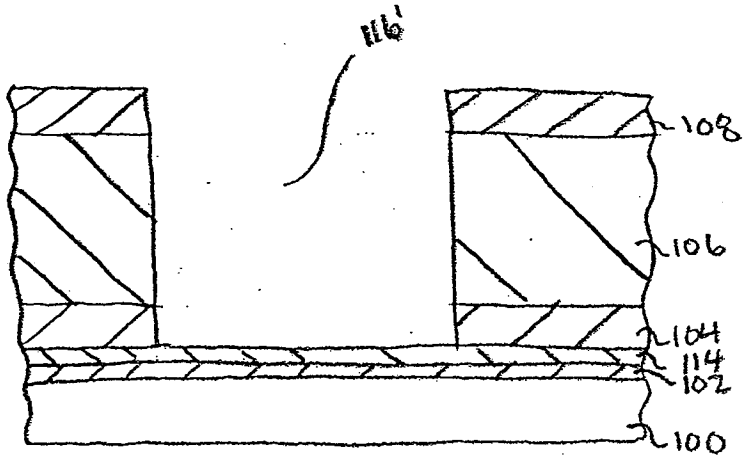


FIG. 3A

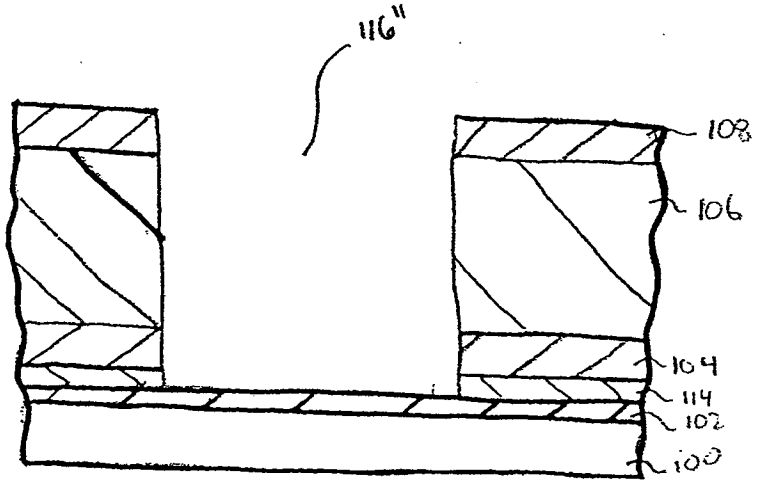


FIG. 3B

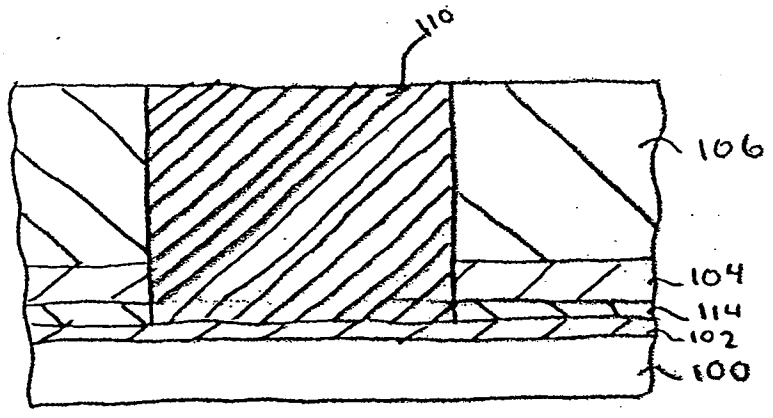


FIG. 3C

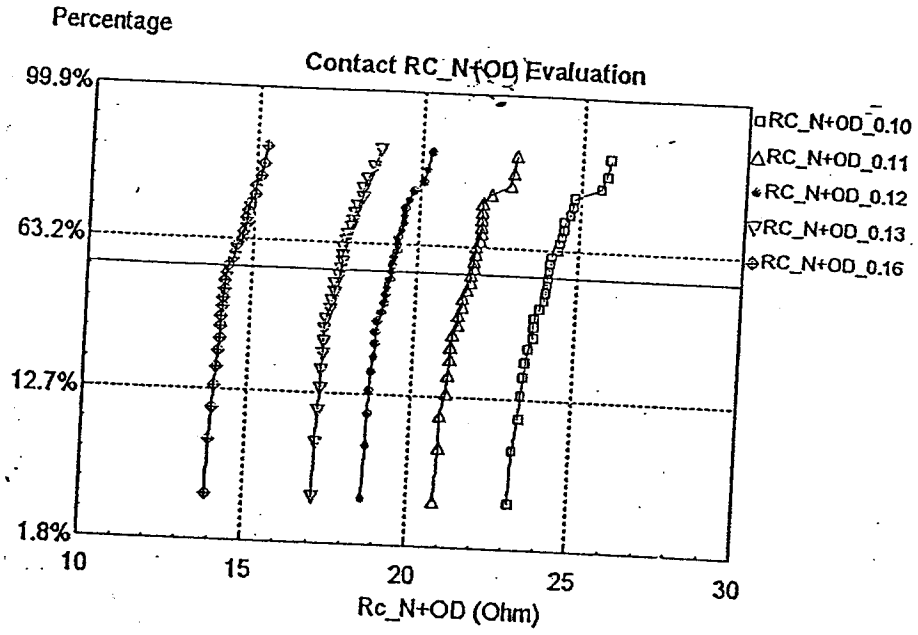

Percentage
Contact RC_N+OD Evaluation
99.9%
63.2%
12.7%
1.8%
10
15
20
25
30
Rc_N+OD (Ohm)
RC_N+OD_0.10
RC_N+OD_0.11
RC_N+OD_0.12
RC_N+OD_0.13
RC_N+OD_0.16

FIG. 4A

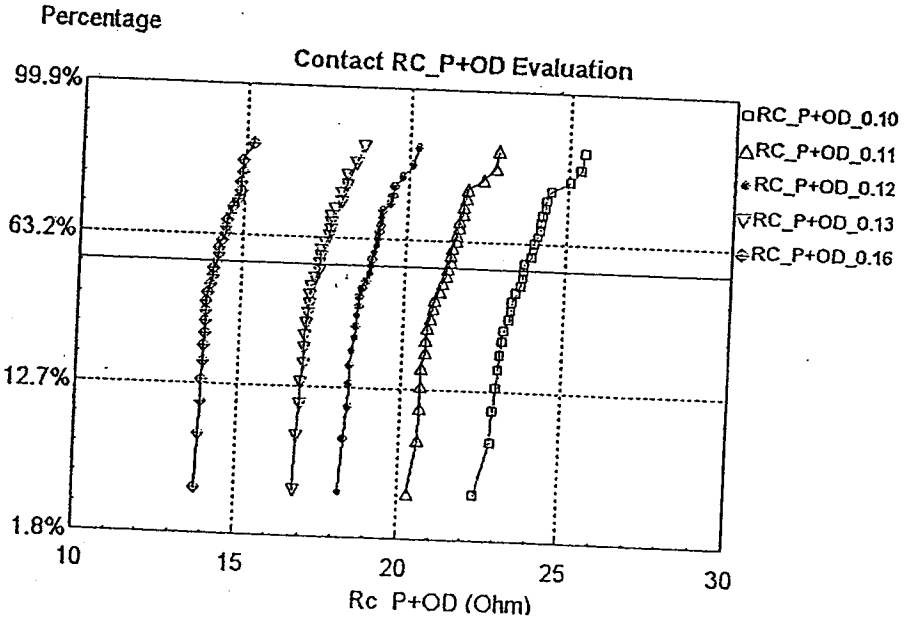

Percentage
Contact RC_P+OD Evaluation
99.9%
63.2%
12.7%
1.8%
10
15
20
25
30
Rc P+OD (Ohm)
RC_P+OD_0.10
RC_P+OD_0.11
RC_P+OD_0.12
RC_P+OD_0.13
RC_P+OD_0.16

FIG. 4B

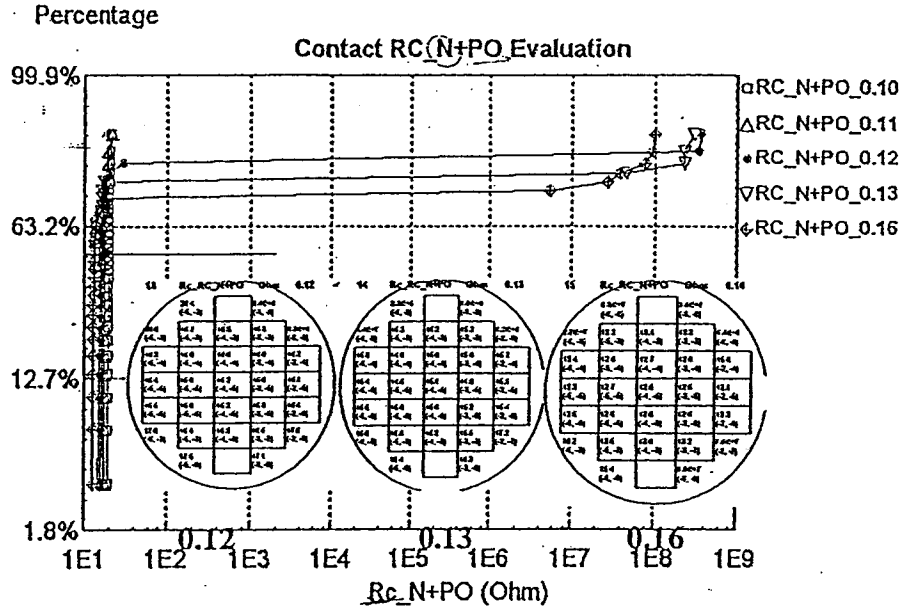

Percentage
Contact RC_N+PO Evaluation
99.9%
63.2%
12.7%
1.8%
RC_N+PO_0.10
RC_N+PO_0.11
RC_N+PO_0.12
RC_N+PO_0.13
RC_N+PO_0.16
0.12
0.13
0.16
1E1
1E2
1E3
1E4
1E5
1E6
1E7
1E8
1E9
Rc_N+PO (Ohm)

FIG. 4C

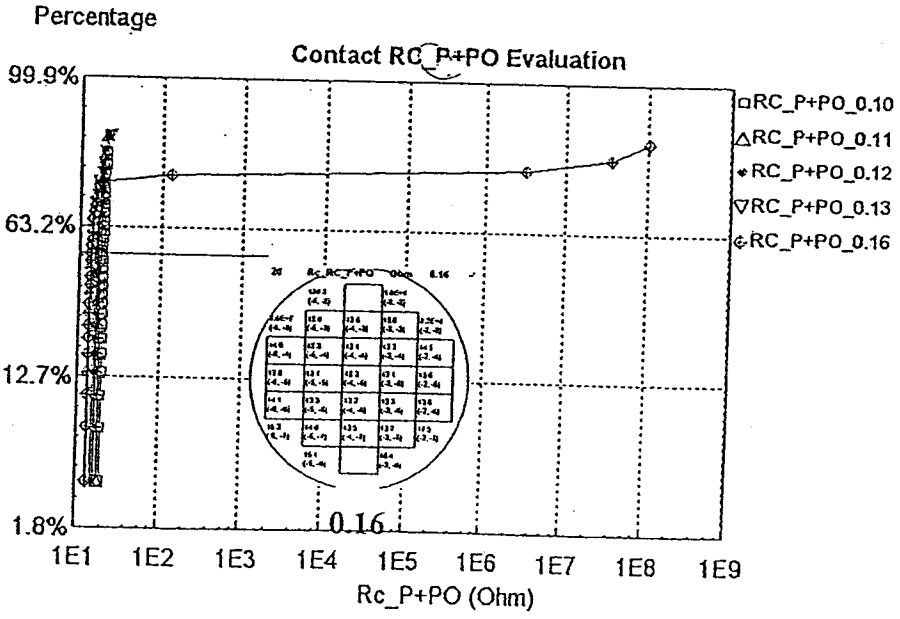

Percentage
Contact RC_P+PO Evaluation
99.9%
63.2%
12.7%
1.8%
RC_P+PO_0.10
RC_P+PO_0.11
RC_P+PO_0.12
RC_P+PO_0.13
RC_P+PO_0.16
0.16
1E1
1E2
1E3
1E4
1E5
1E6
1E7
1E8
1E9
Rc_P+PO (Ohm)

FIG. 4D