*163163*

*G00002*

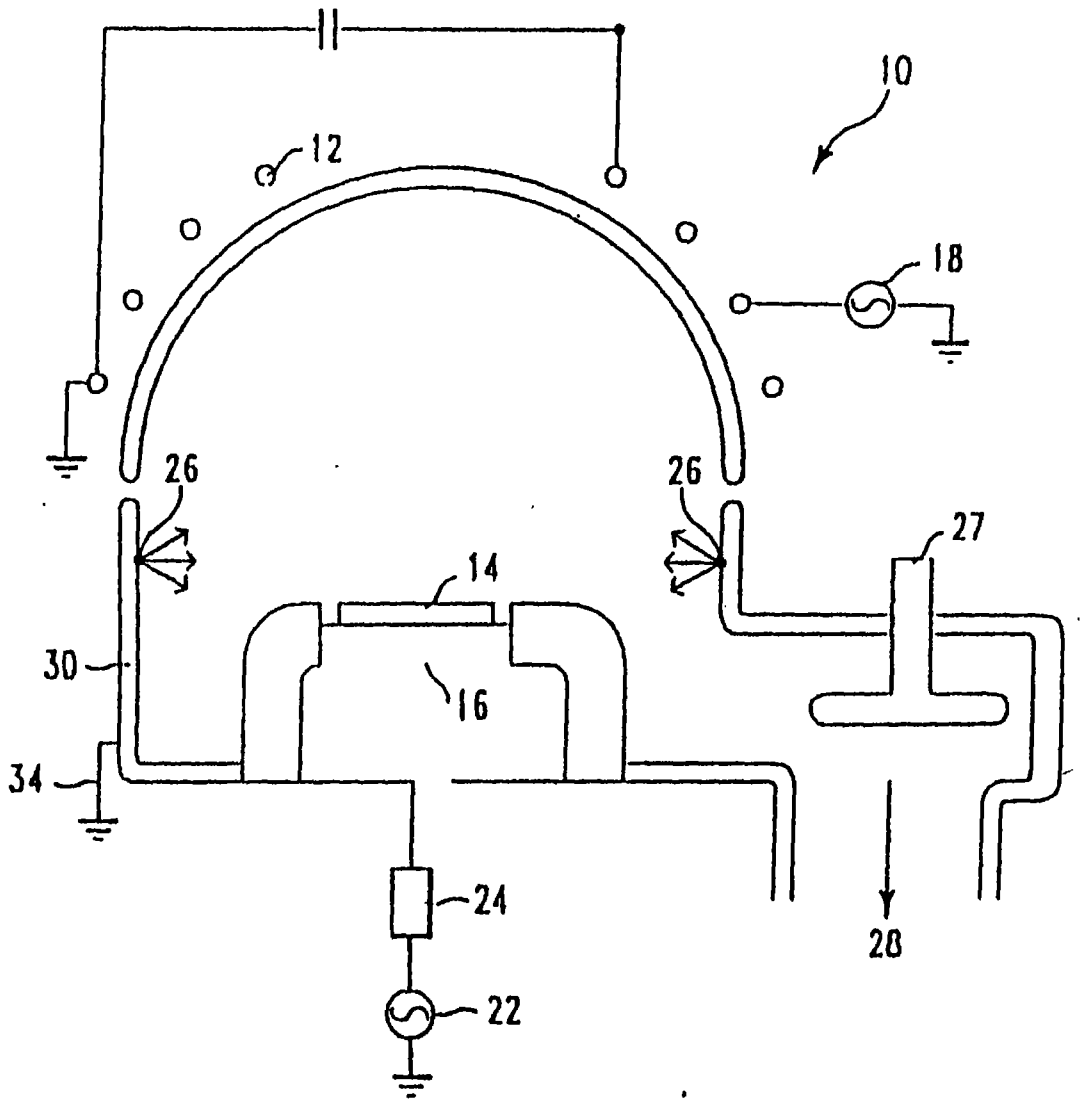



FIG. 1 (PRIOR ART)

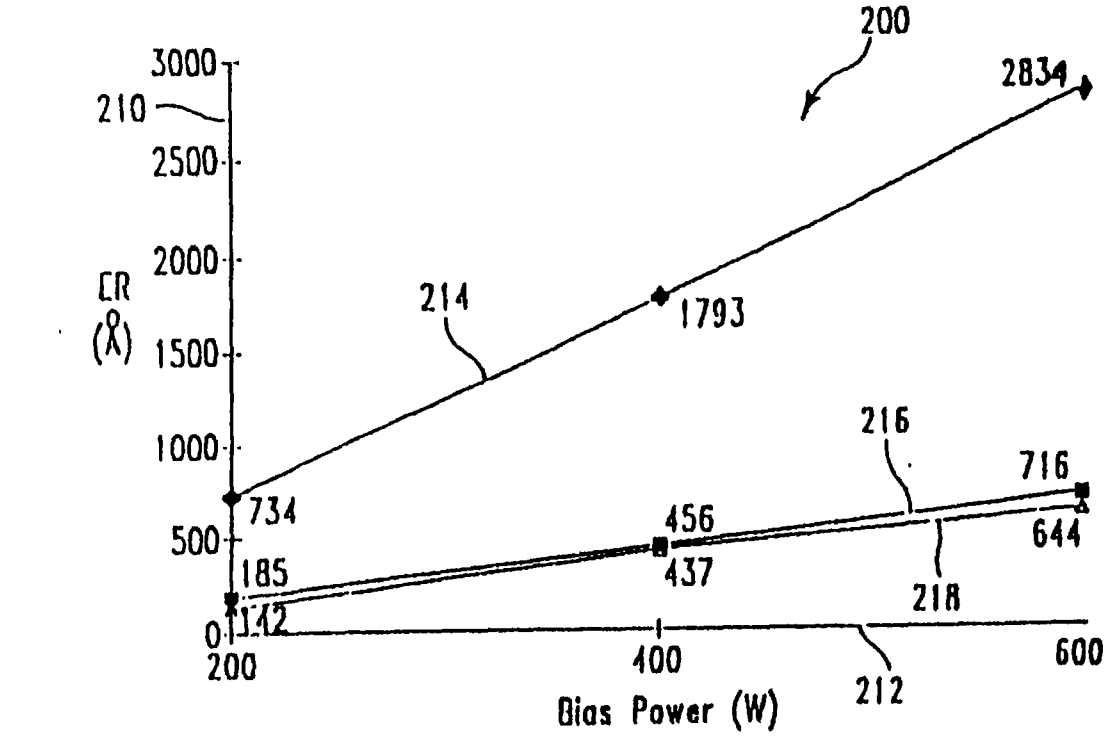

200
3000
210
2500
2000
ER
(Å)
1500
1000
500
0
214
1793
2834
216
716
734
456
644
185
437
218
142
200
400
600
212
Bias Power (W)

FIG. 2

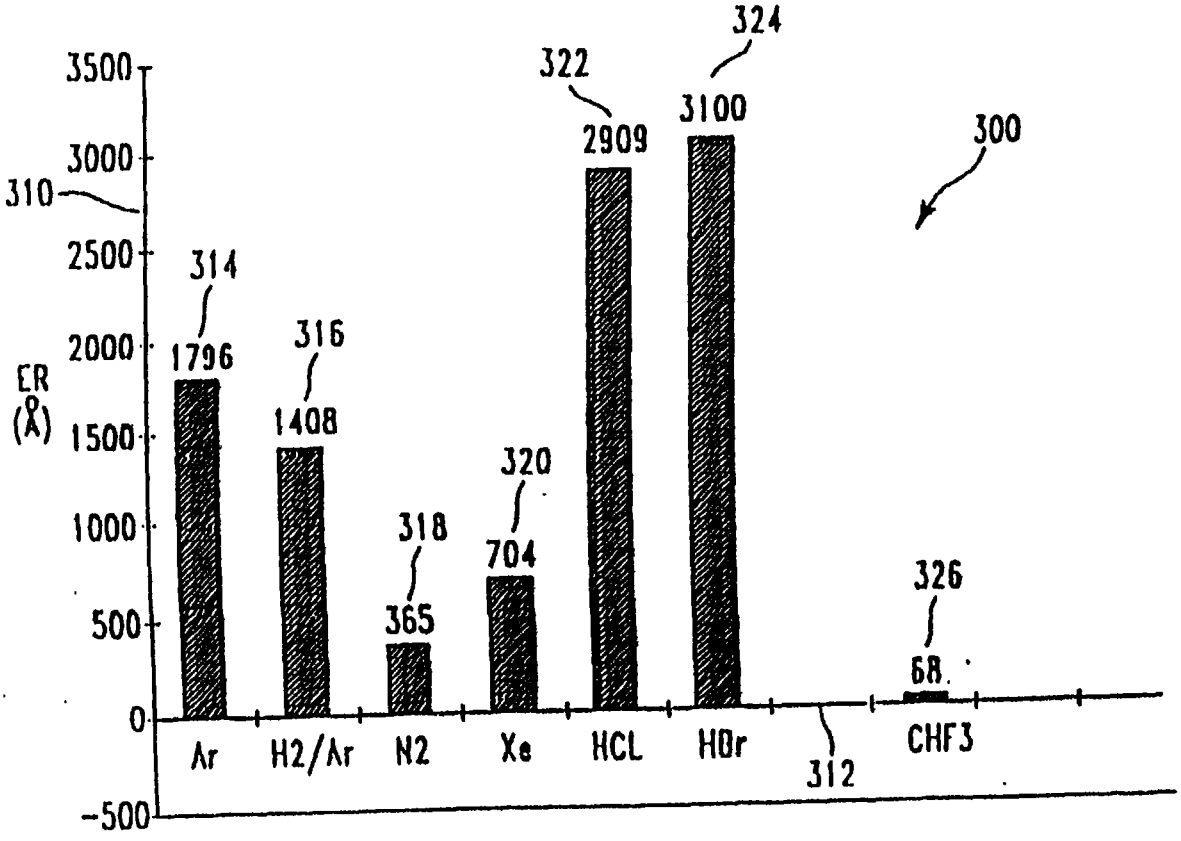

324
322
3100
2909
300
3500
3000
310
2500
314
1796
316
2000
ER
(Å)
1408
1500
320
318
704
1000
365
326
500
68
0
-500
Ar
H2/Ar
N2
Xe
HCL
HBr
312
CHF3

FIG 3

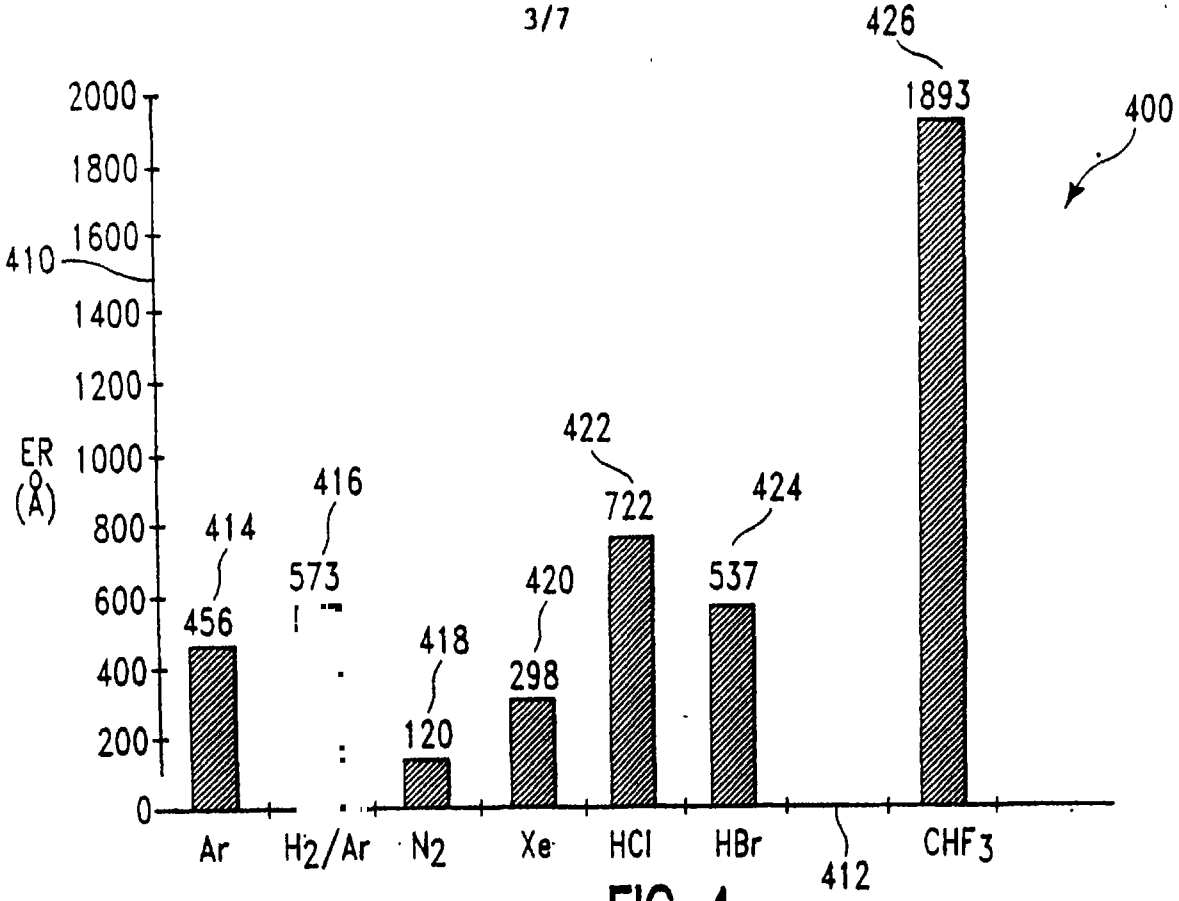

426
1893
400
2000
1800
1600
410
1400
1200
ER
(Å)
1000
800
600
400
200
0
422
722
416
573
414
456
424
537
420
298
418
120
Ar
H2/Ar
N2
Xe
HCl
HBr
412
CHF3

FIG. 4

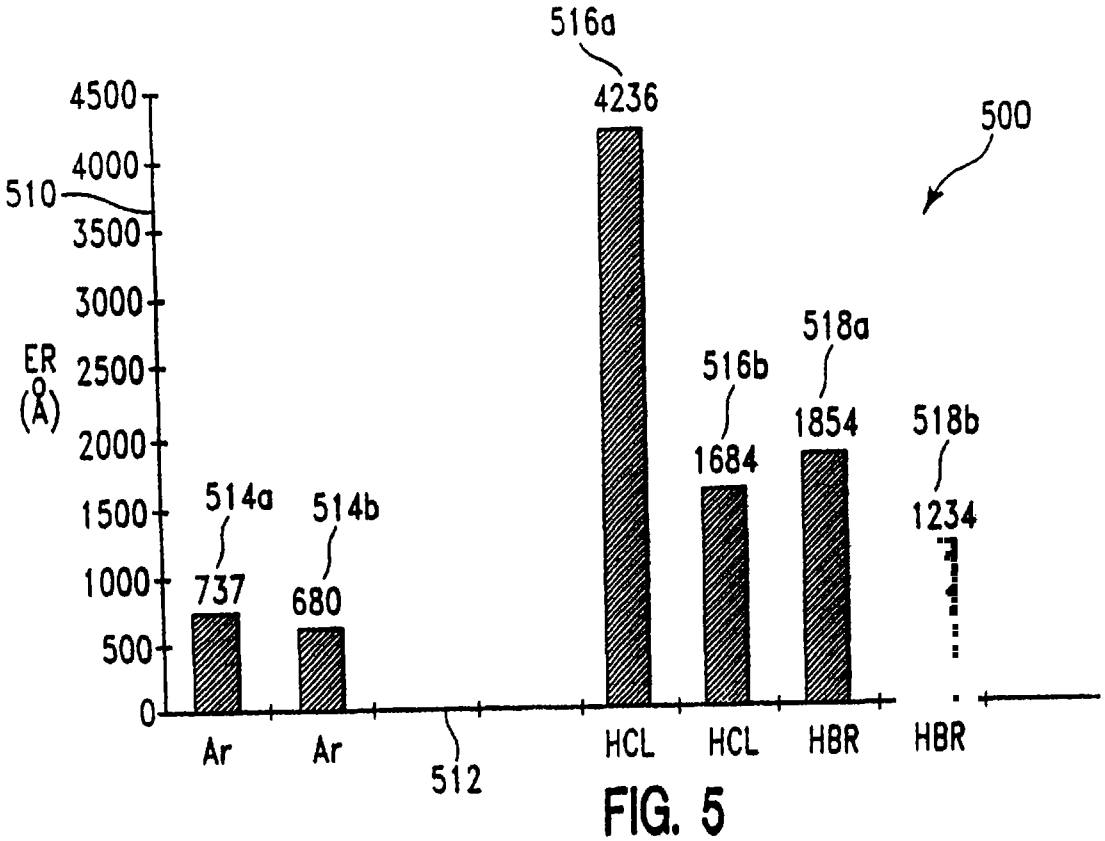

516a
4236
500
4500
4000
510
3500
3000
ER
(Å)
2500
2000
1500
1000
500
0
518a
516b
1854
1684
518b
1234
514a
514b
737
680
Ar
Ar
512
HCL
HCL
HBR
HBR

FIG. 5

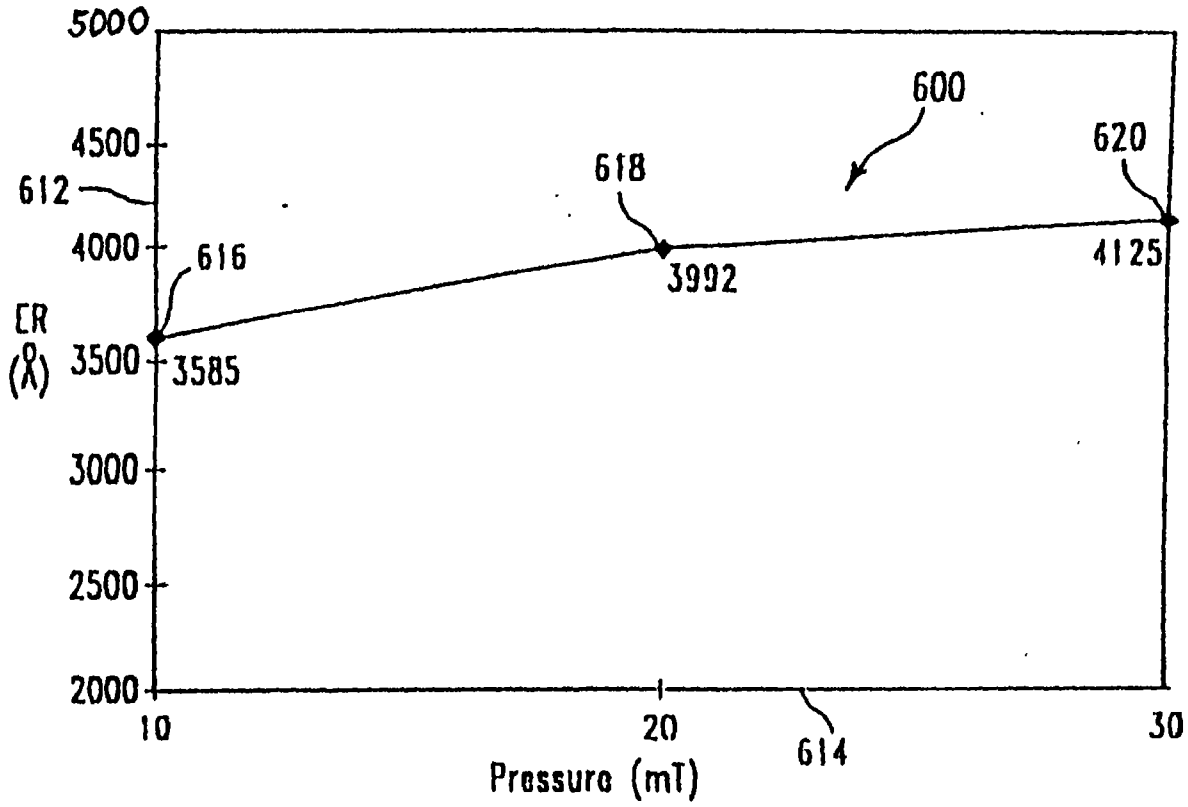

5000
4500
4000
3500
3000
2500
2000
ER
(Å)
612
616
3585
618
3992
600
620
4125
10
20
30
614
Pressure (mT)

FIG. 6

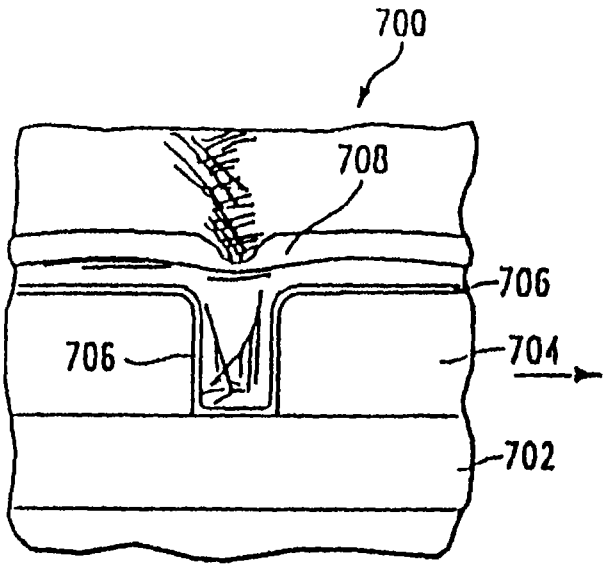



FIG. 7A

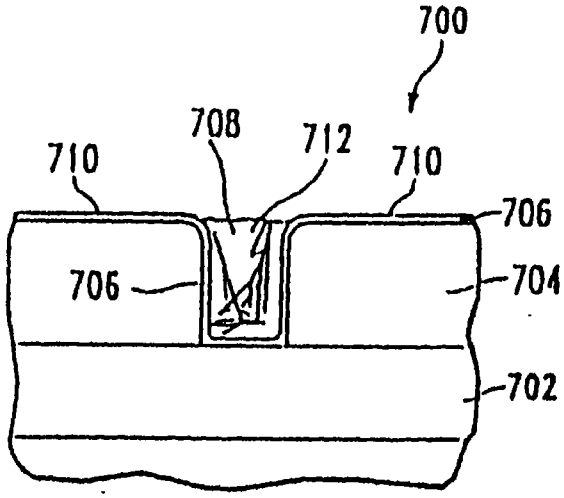



FIG. 7B

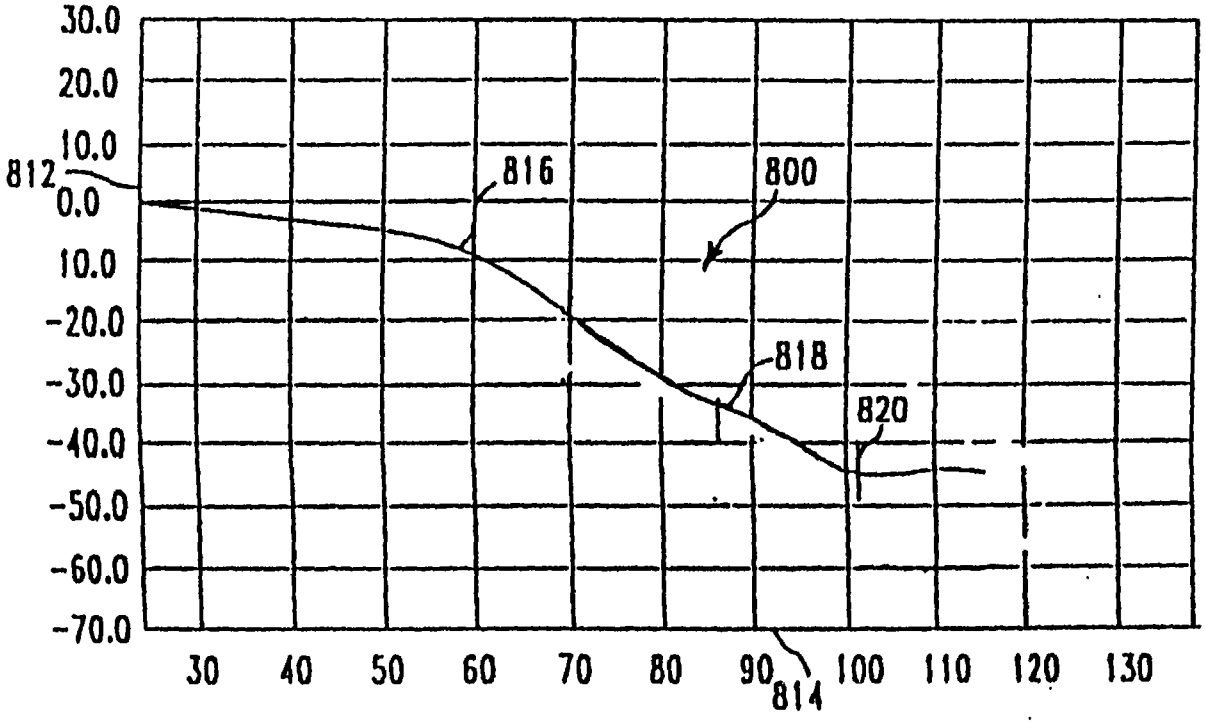



FIG. 8

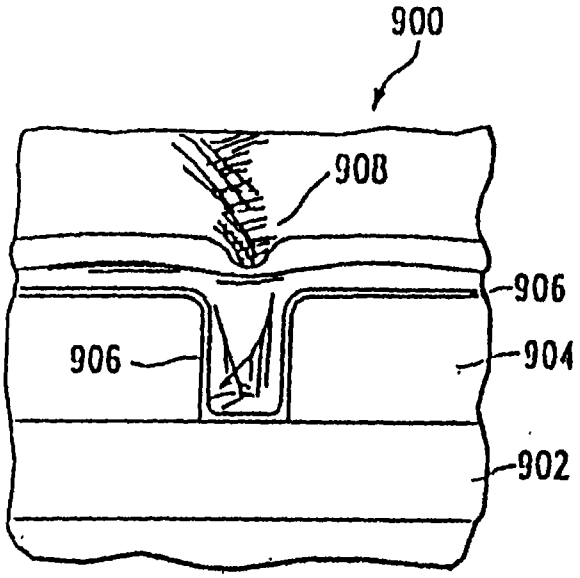



FIG. 9A

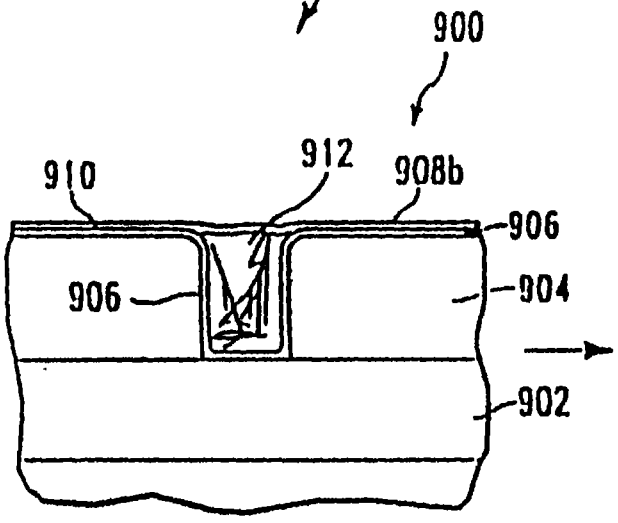



FIG. 9B

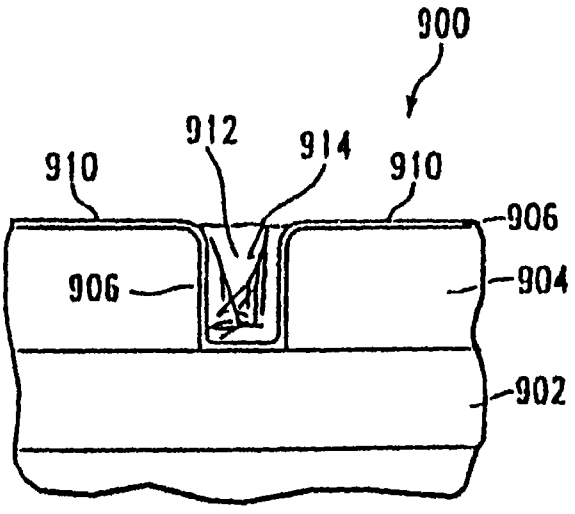



FIG. 9C

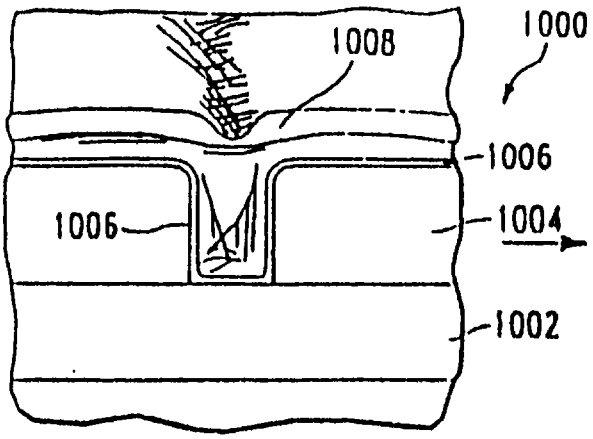



FIG. 10A

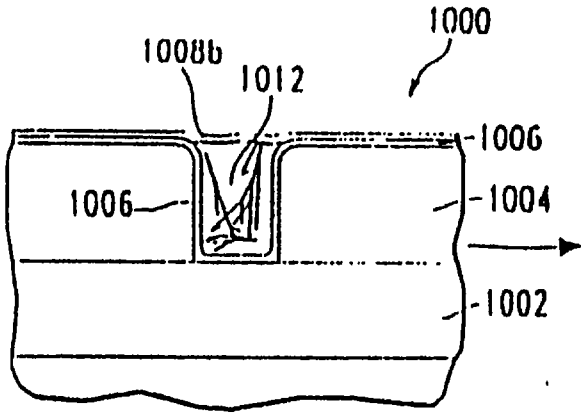



FIG. 10B

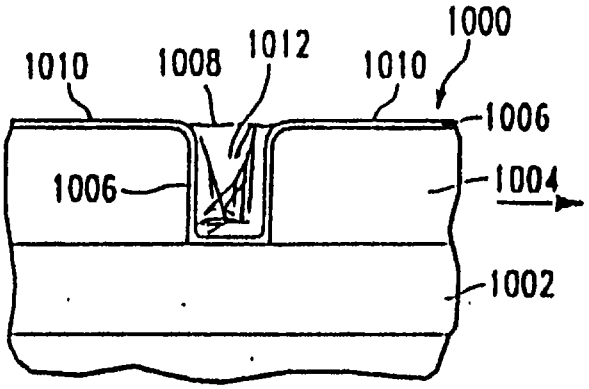



FIG. 10C

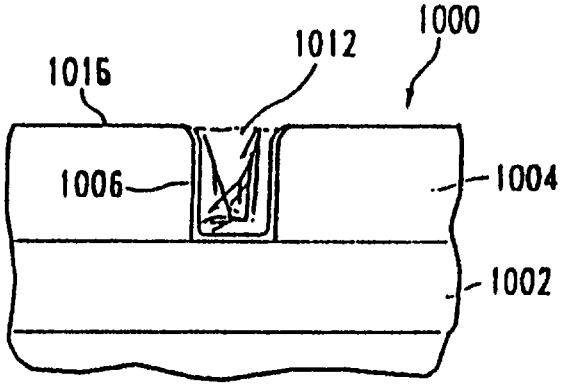



FIG. 10D

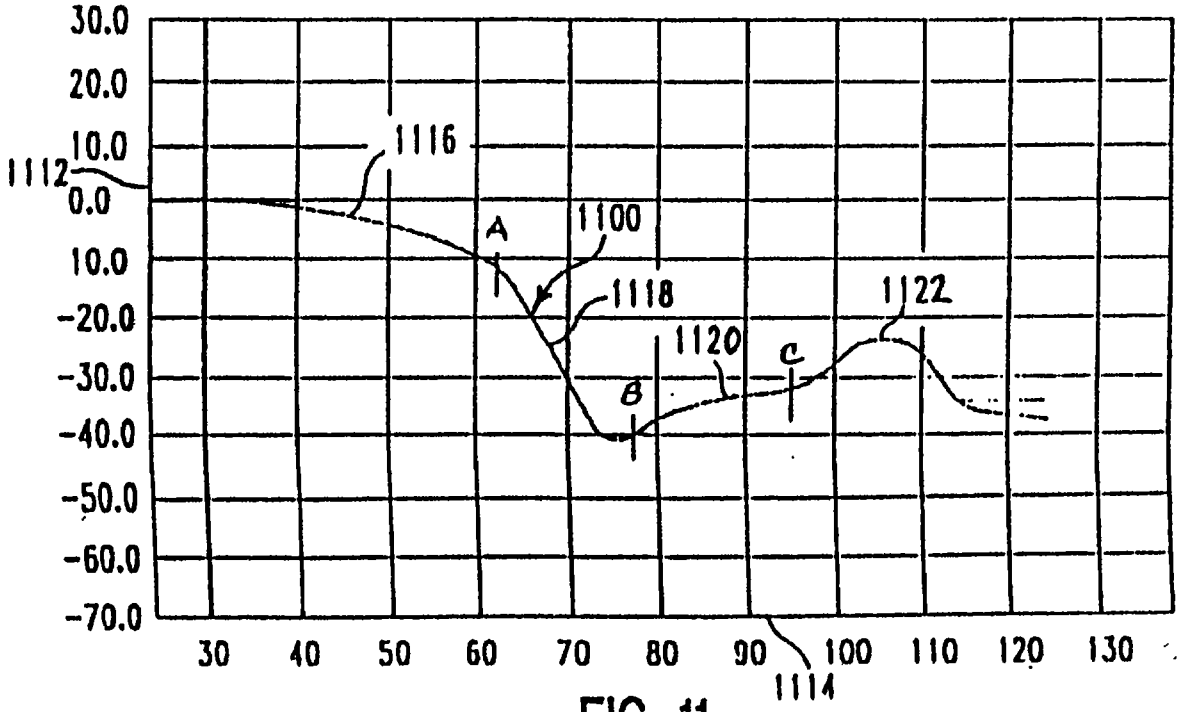



FIG. 11