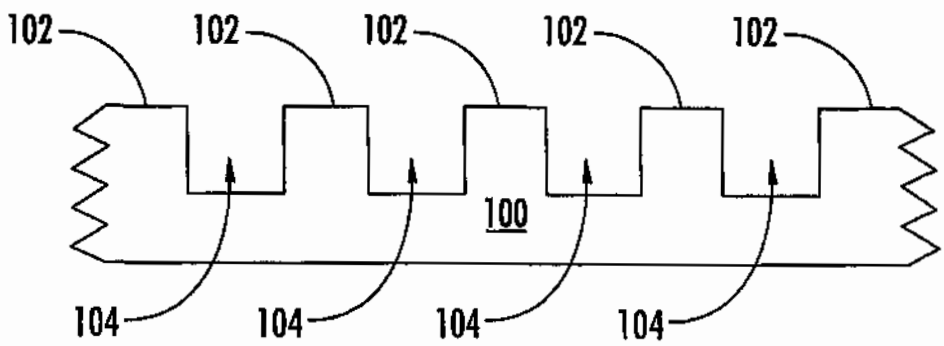

102
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104
104
104

FIG. 1A

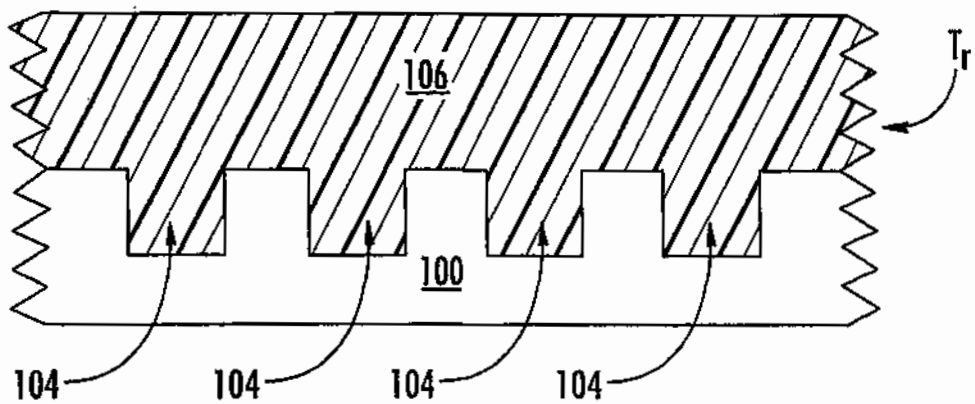

106
Tr
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104
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FIG. 1B

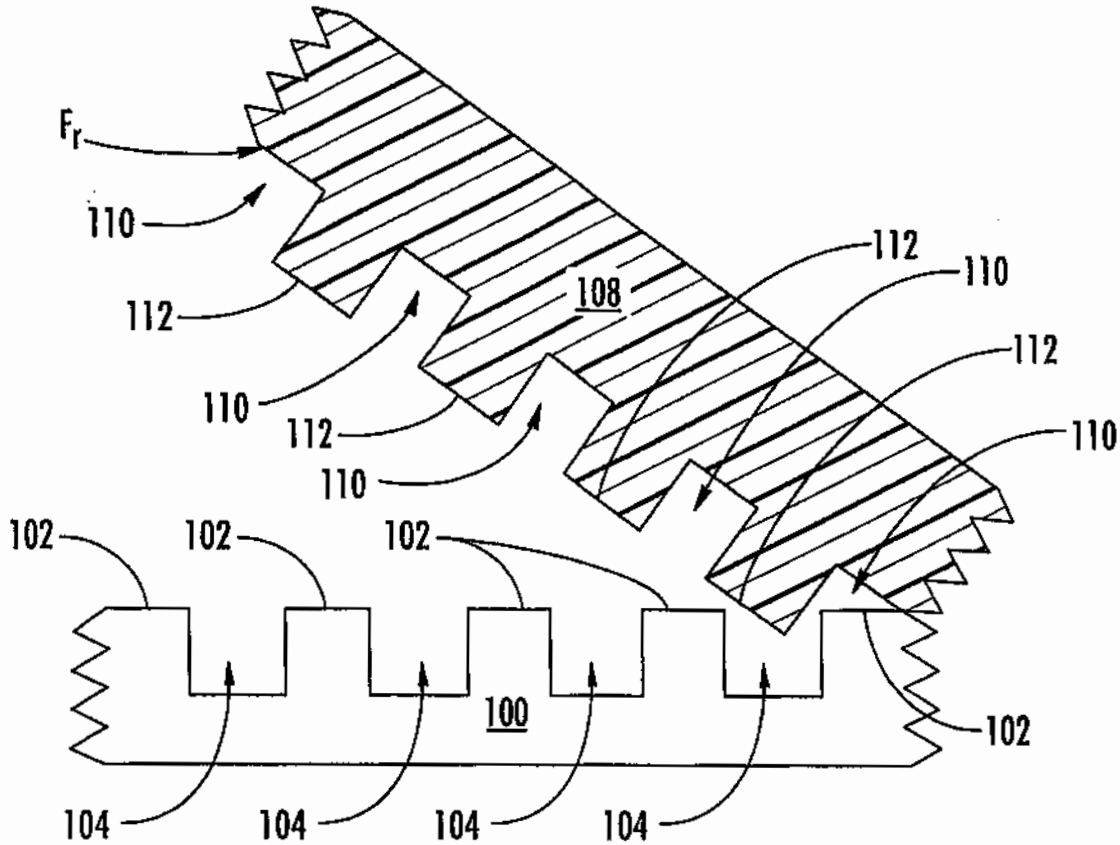

F_r
110
112
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102
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104
104

FIG. 1C

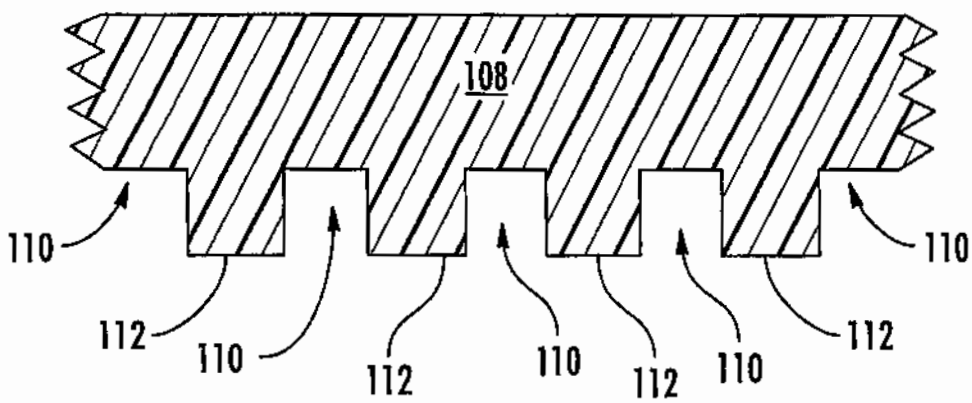

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112
110

FIG. 1D

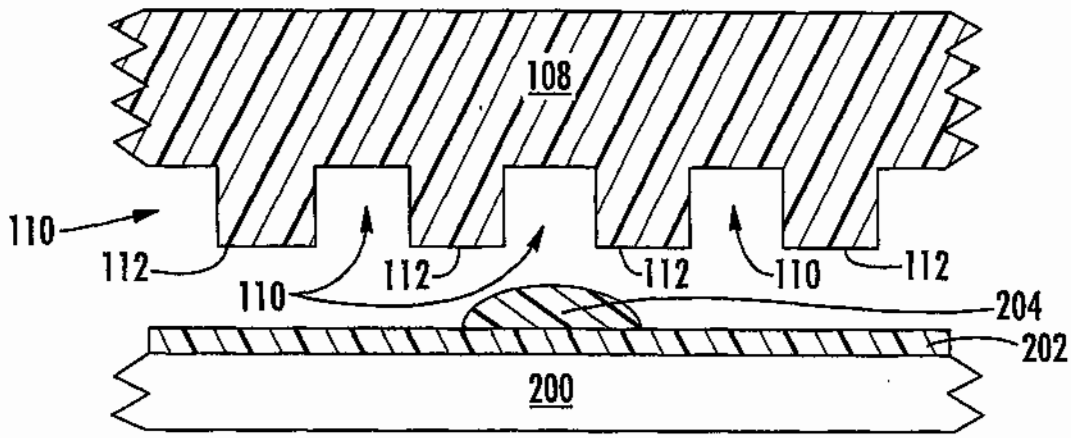

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112
112
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202
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FIG. 2A

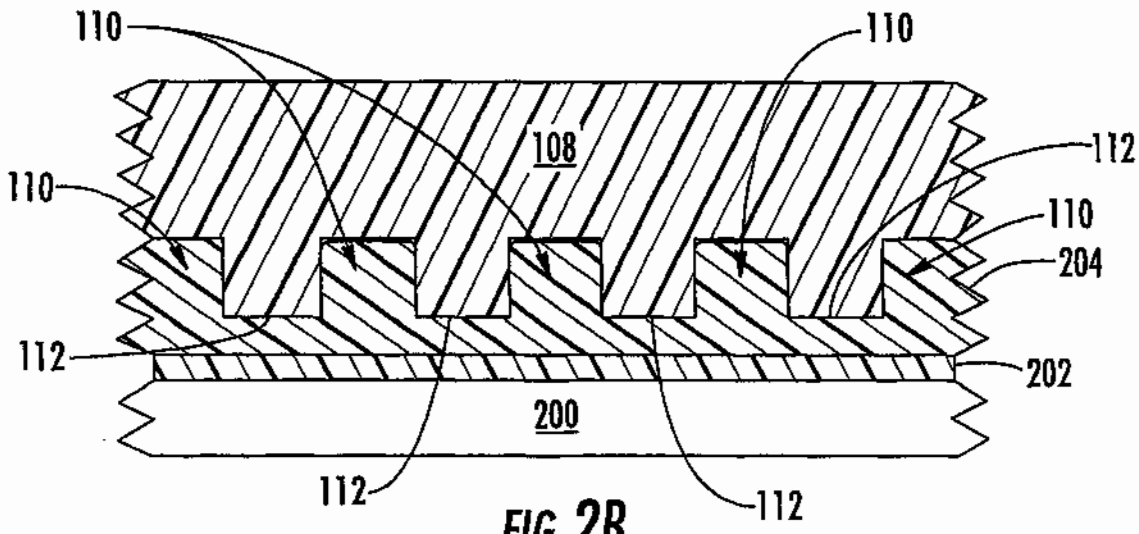

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110
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204
112
202
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112
112

FIG. 2B

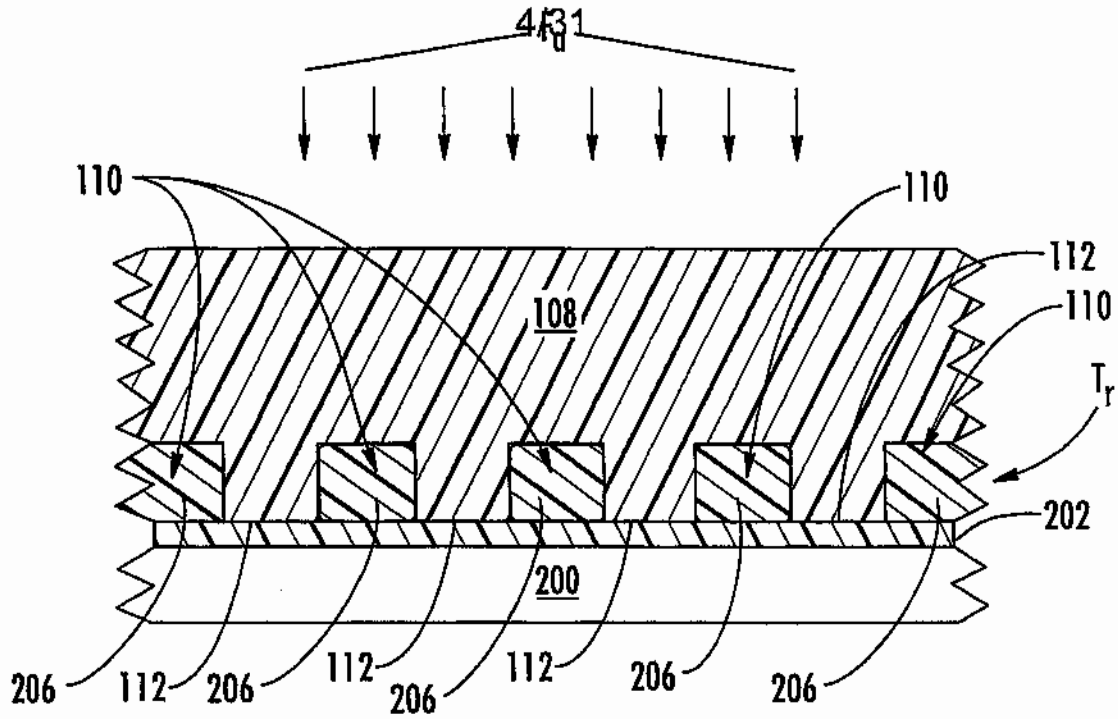


FIG. 2C

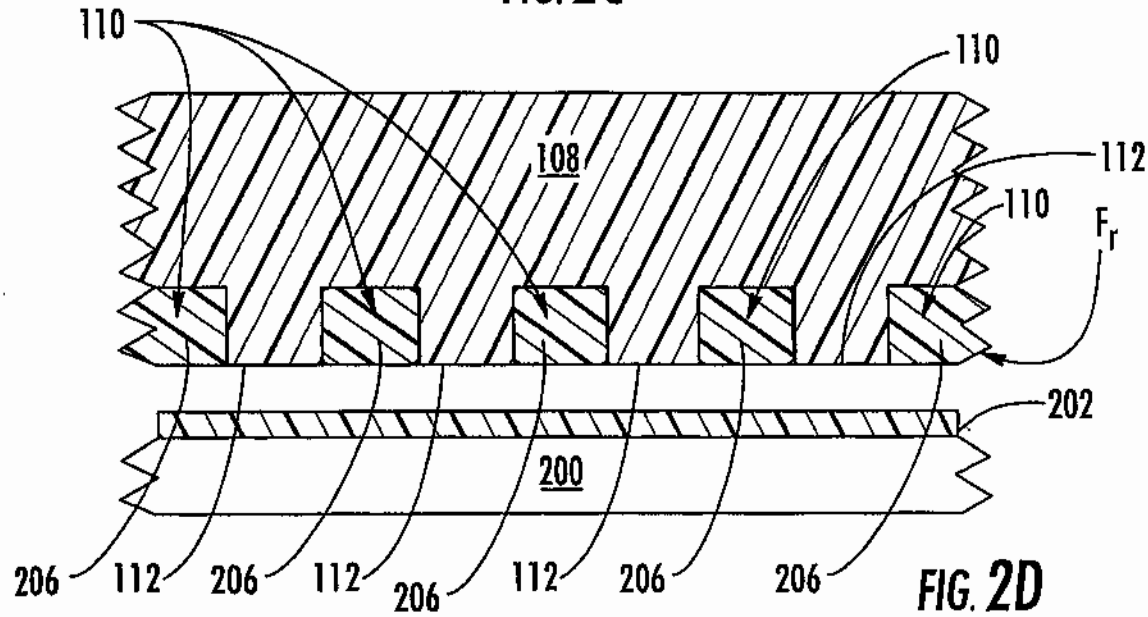


FIG. 2D

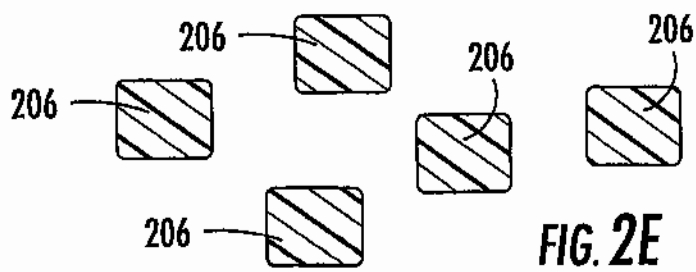


FIG. 2E

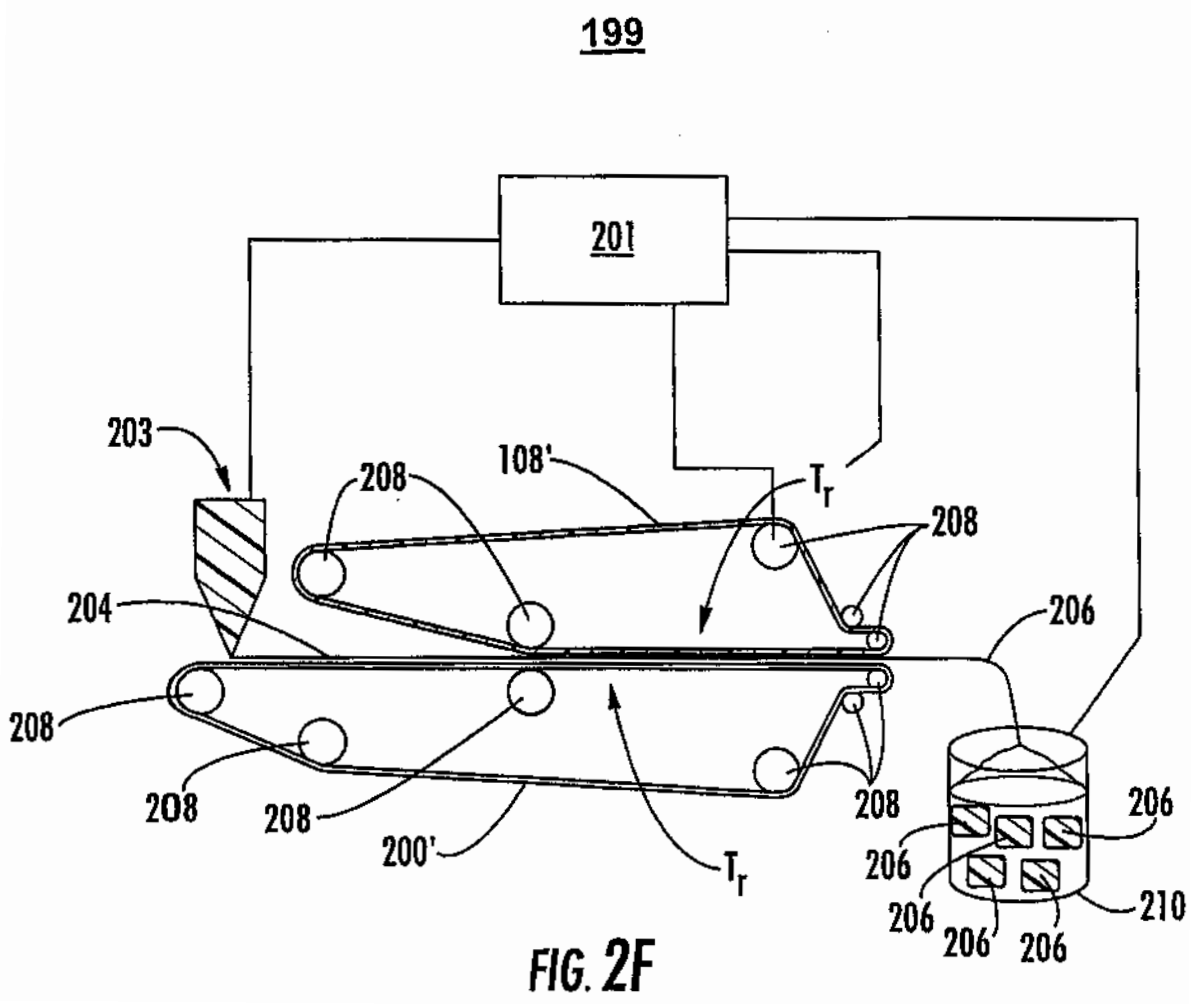

199
201
203
208
108'
T_r
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200'
T_r
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206
206
210

FIG. 2F

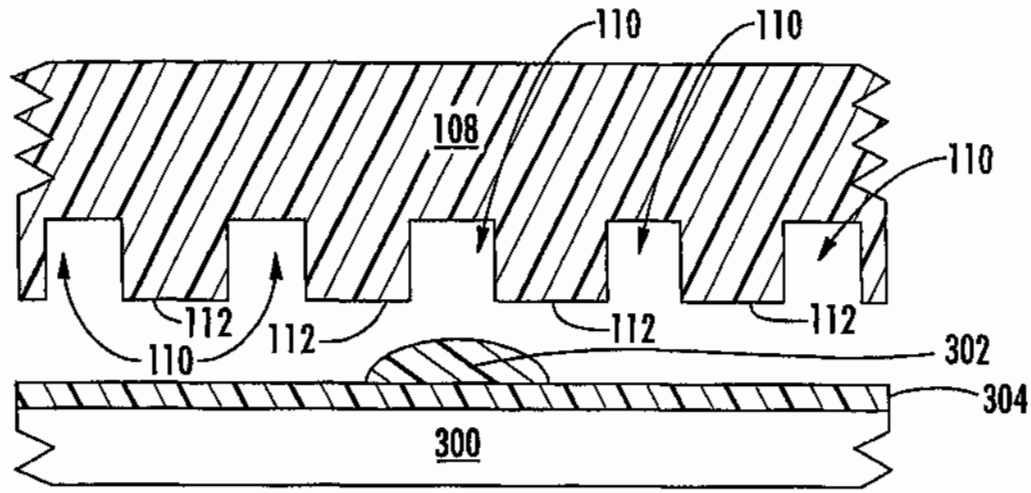

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112
112
112
112
110
302
304
300

FIG. 3A

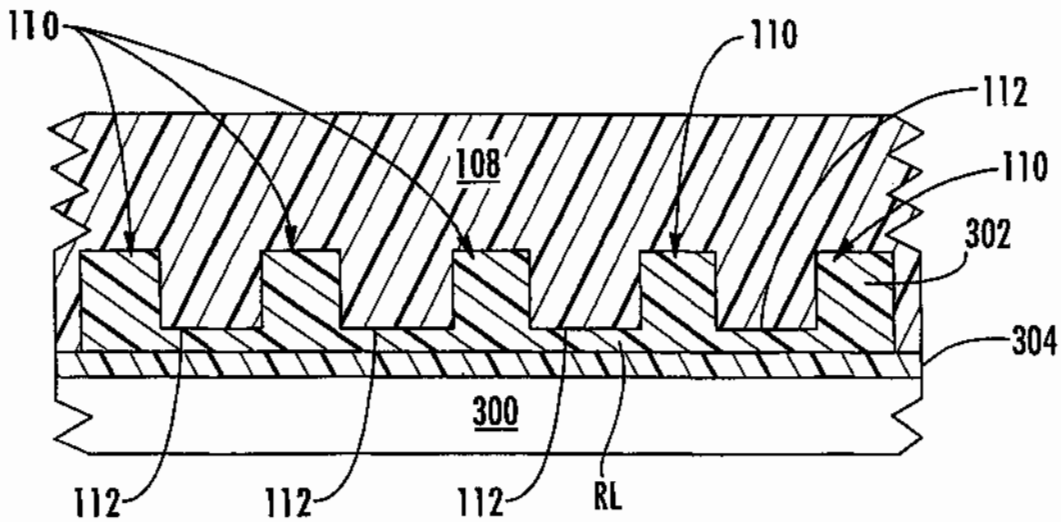

110
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108
110
302
304
300
112
112
112
RL

FIG. 3B

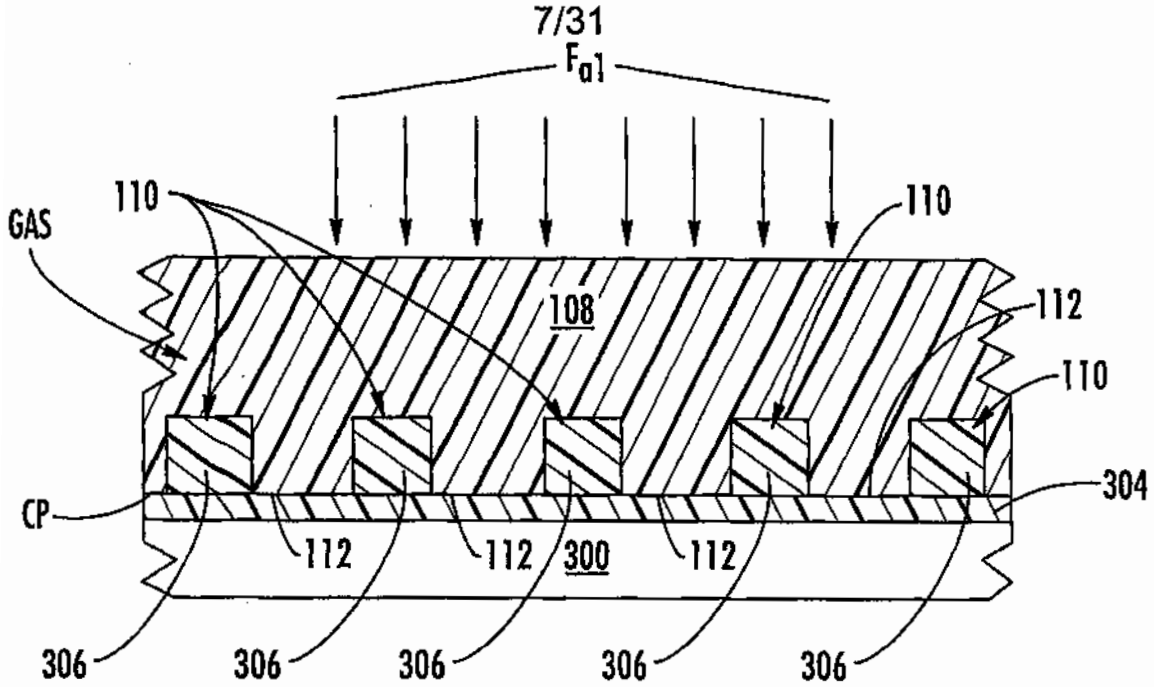

F_{a1}
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110
GAS
108
112
110
304
CP
112
112
300
112
306
306
306
306
306

FIG. 3C

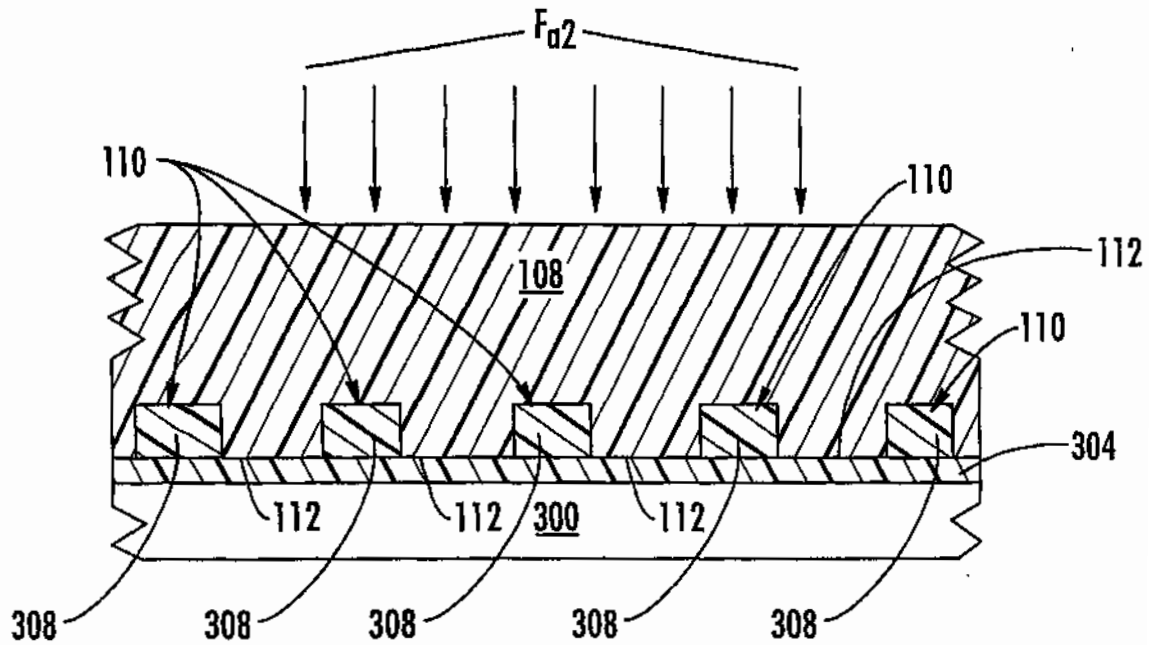

F_{a2}
110
110
112
108
110
304
112
112
300
112
308
308
308
308
308

FIG. 3D

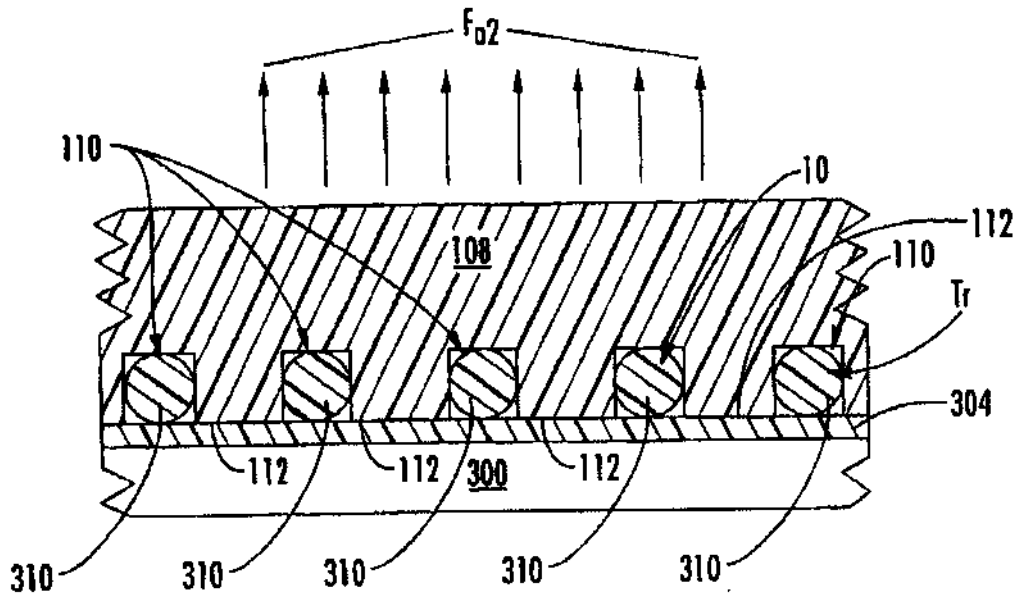

F_{O2}
110
10
112
108
110
Tr
304
112
112
300
112
310
310
310
310
310

FIG. 3E

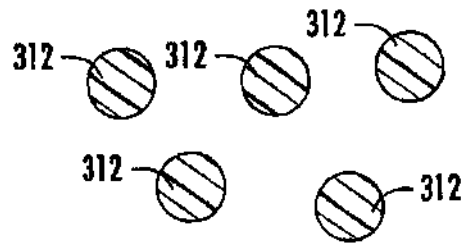

312
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312
312
312

FIG. 3F

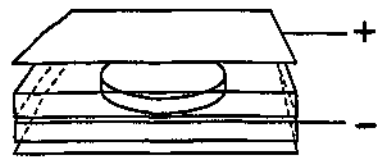


FIG. 4A



FIG. 4B

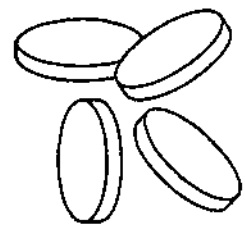


FIG. 4C

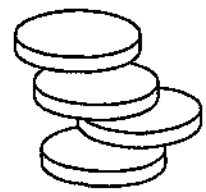


FIG. 4D

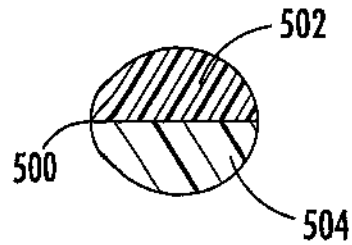


FIG. 5A

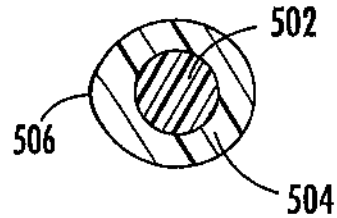


FIG. 5B

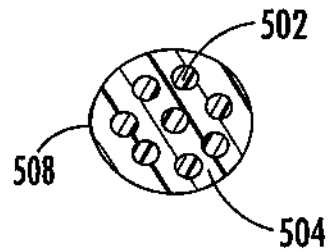


FIG. 5C

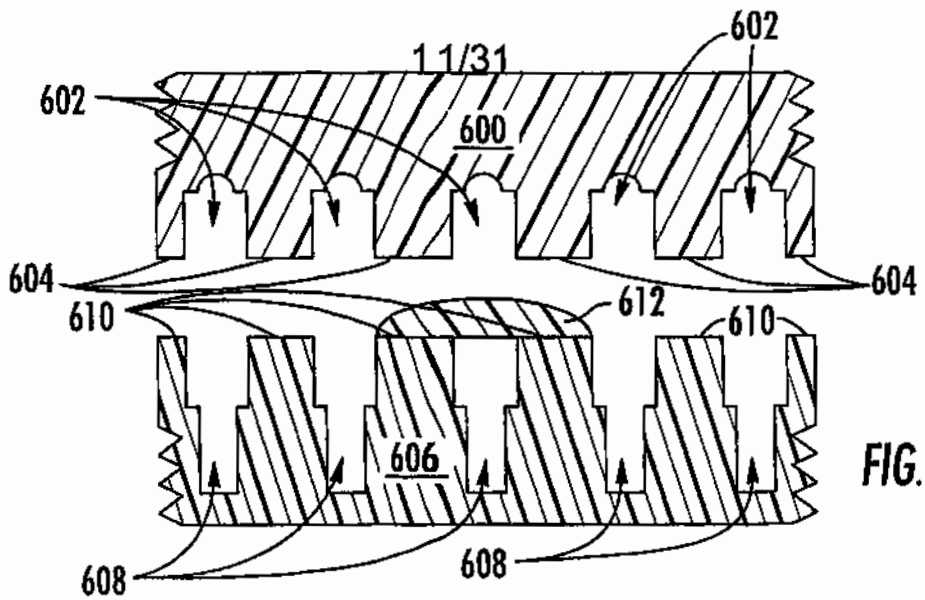


FIG. 6A

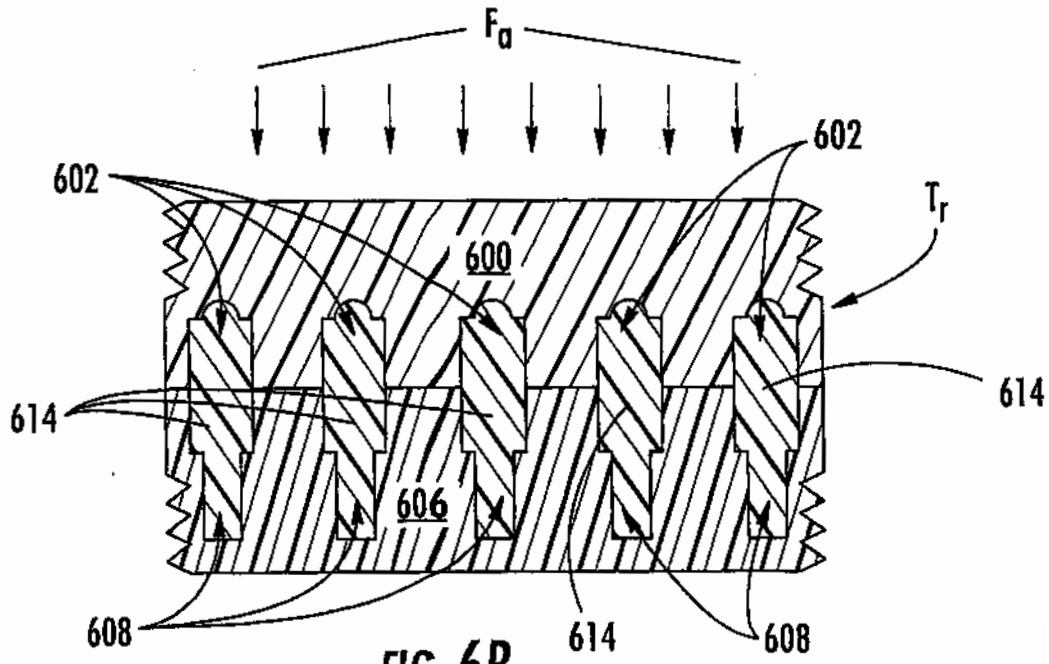


FIG. 6B

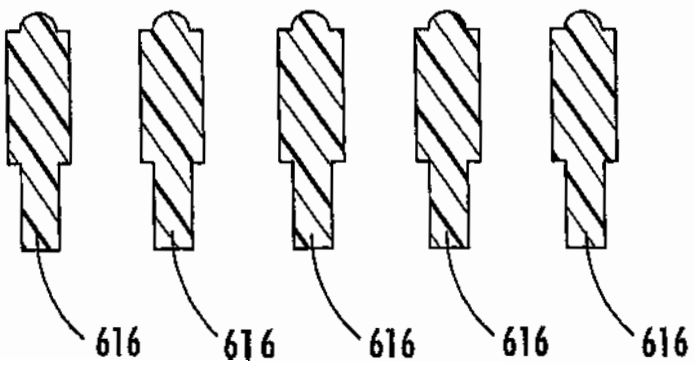


FIG. 6C

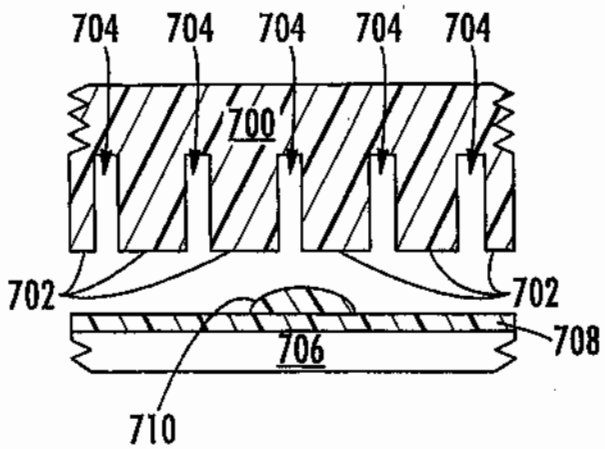


FIG. 7A

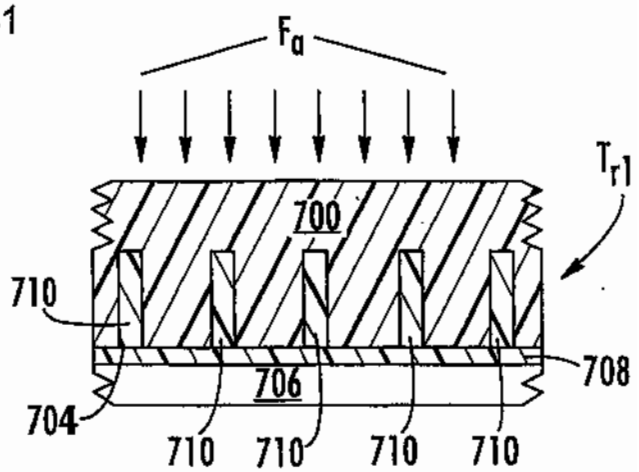


FIG. 7B

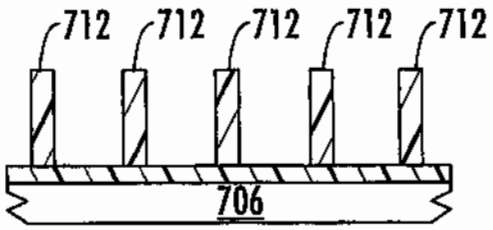


FIG. 7C

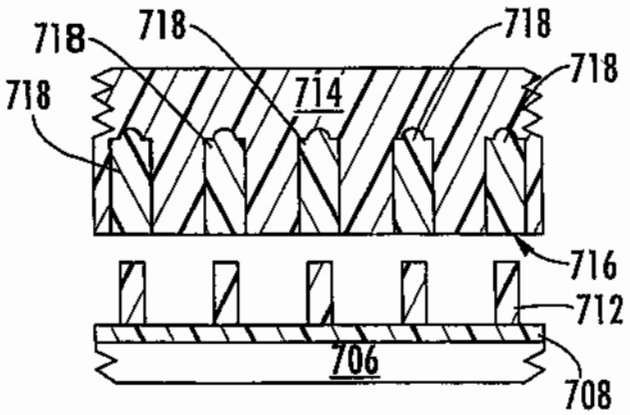


FIG. 7D

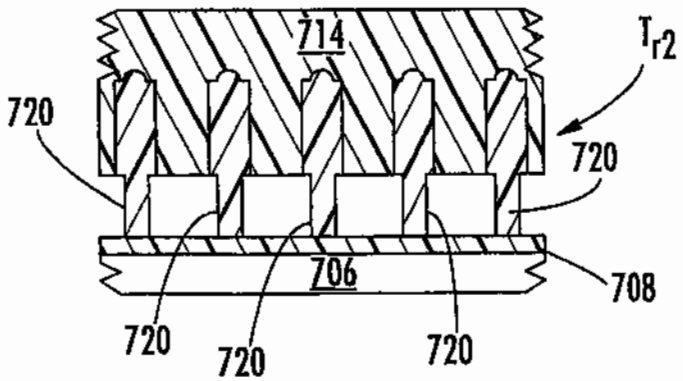


FIG. 7E

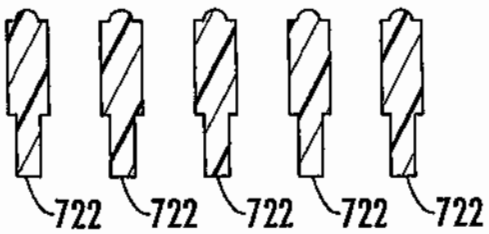


FIG. 7F

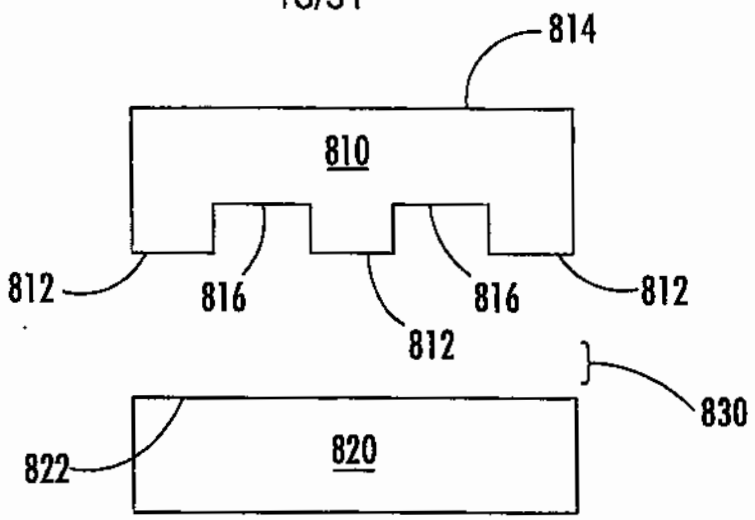


FIG. 8A

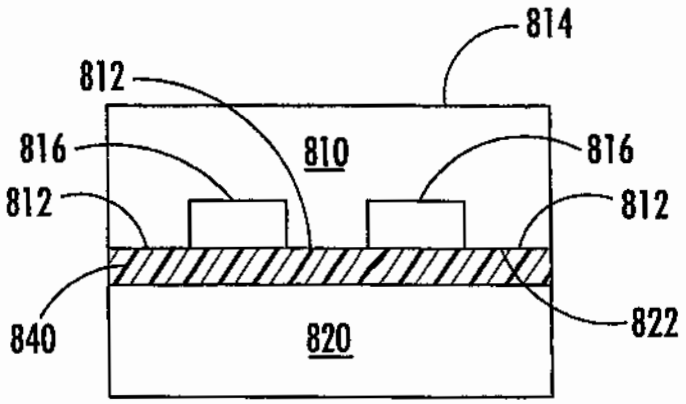


FIG. 8B

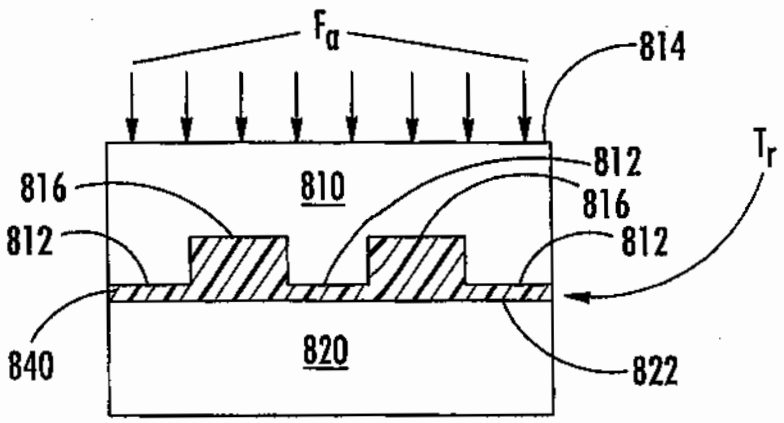


FIG. 8C

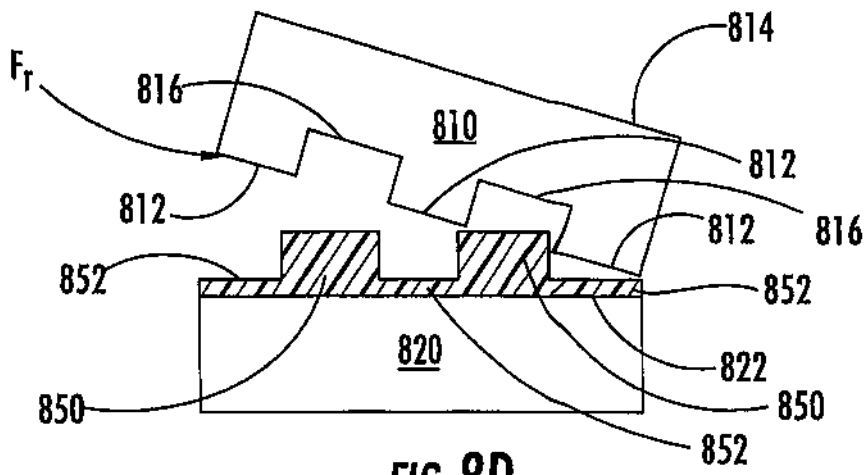

F_r
816
814
810
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812
812
816
852
852
820
822
850
850
852

FIG. 8D

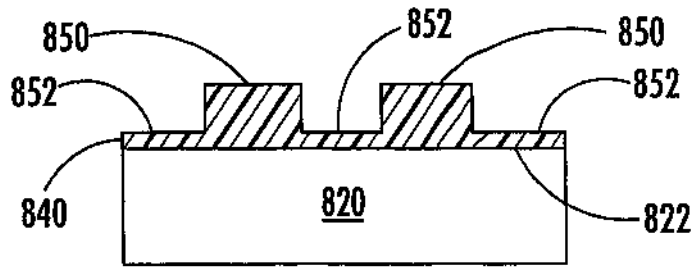

850
852
850
852
852
840
820
822

FIG. 8E

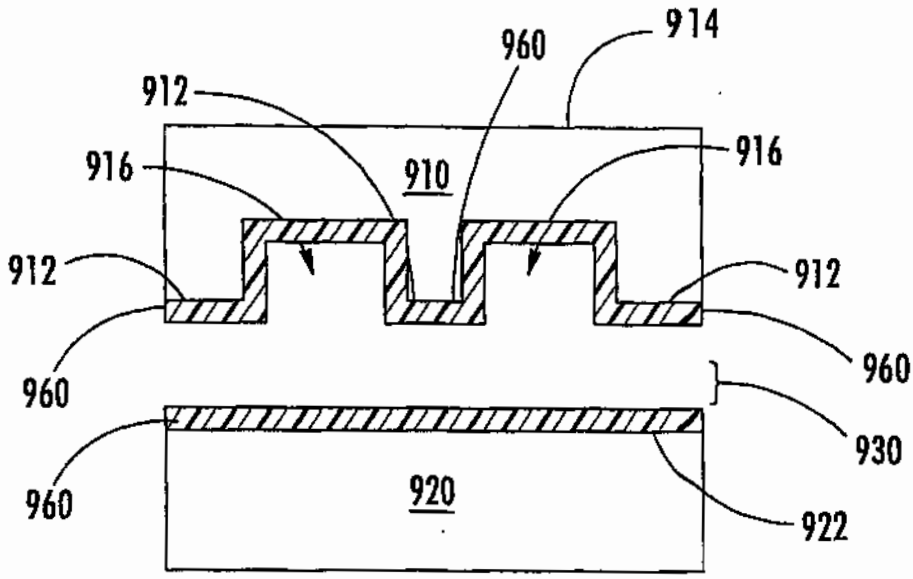

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960
912
916
910
916
912
912
960
960
930
960
920
922

FIG. 9A

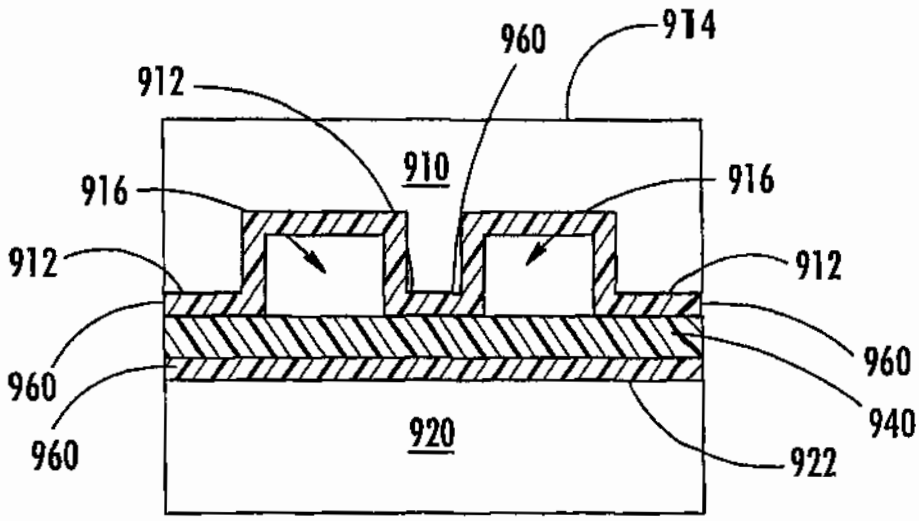

960
914
912
910
916
916
912
912
960
960
940
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920
922

FIG. 9B

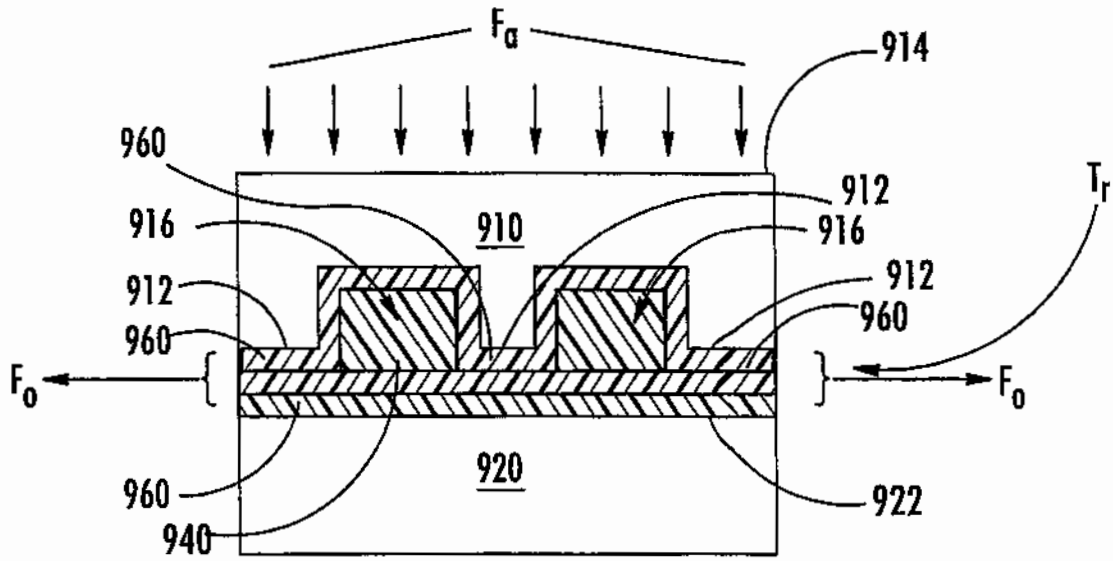


FIG. 9C

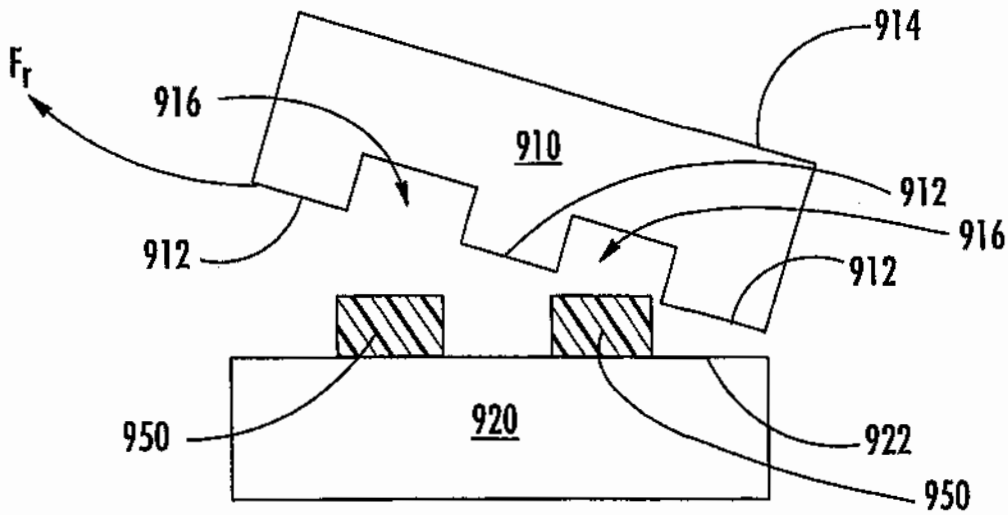


FIG. 9D

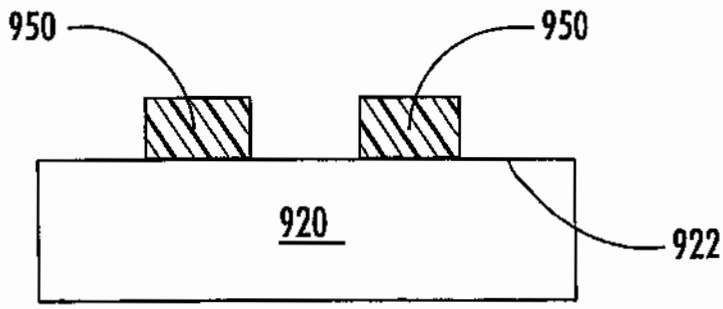


FIG. 9E

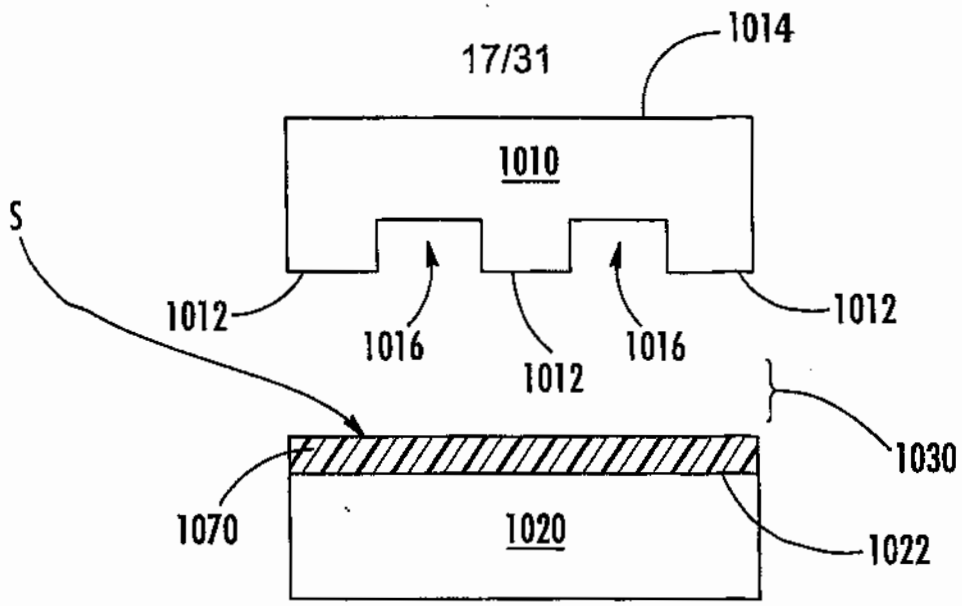


FIG. 10A

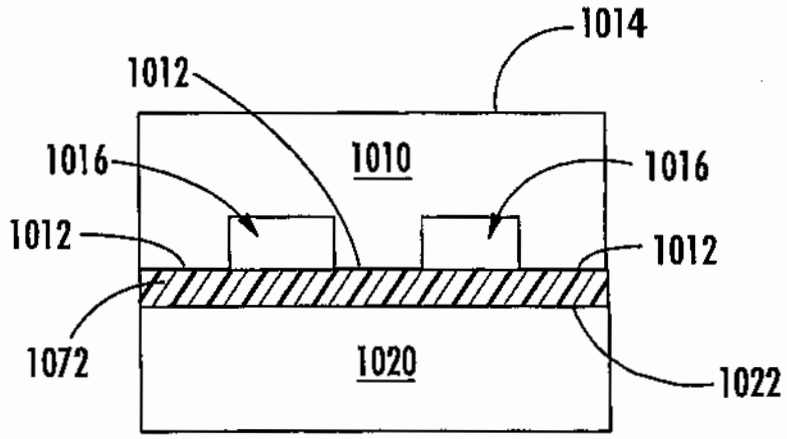


FIG. 10B

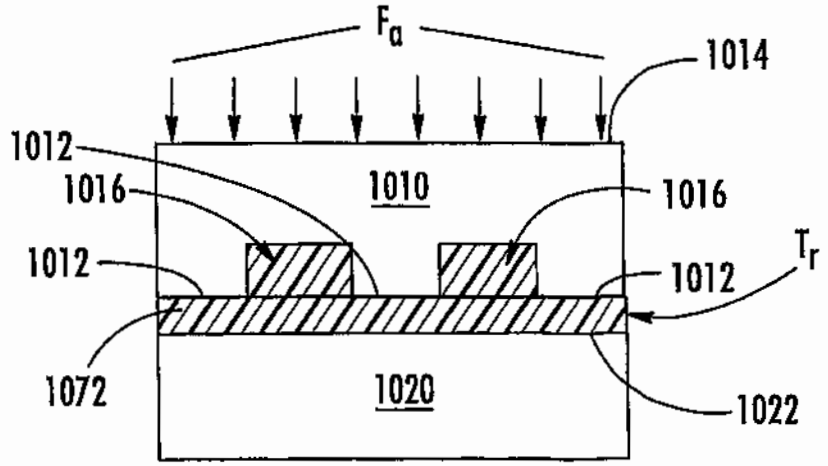


FIG. 10C

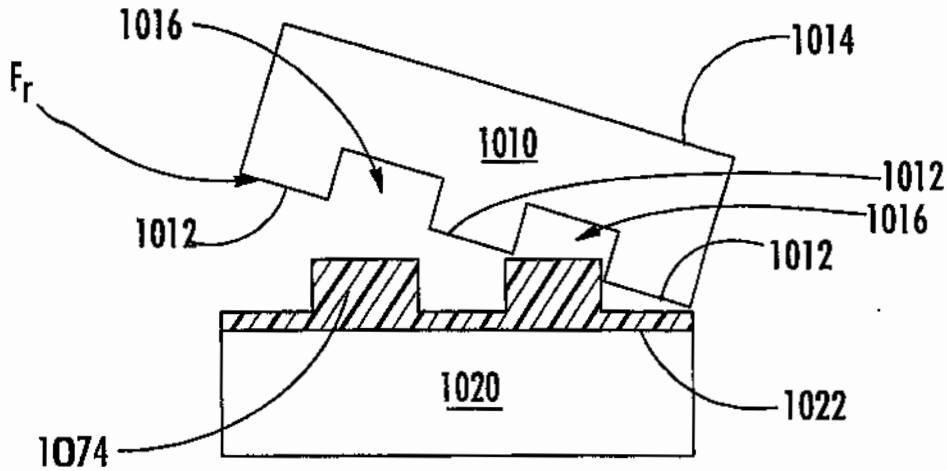


FIG. 10D

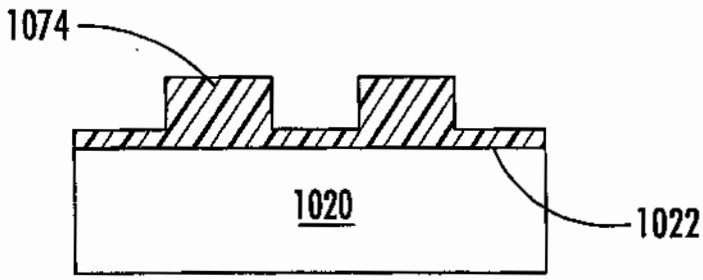


FIG. 10E

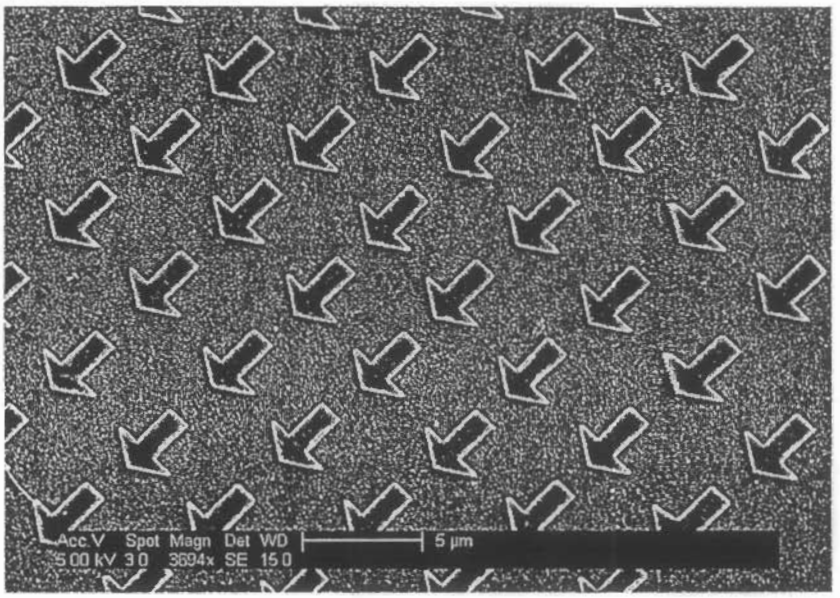


Fig. 11

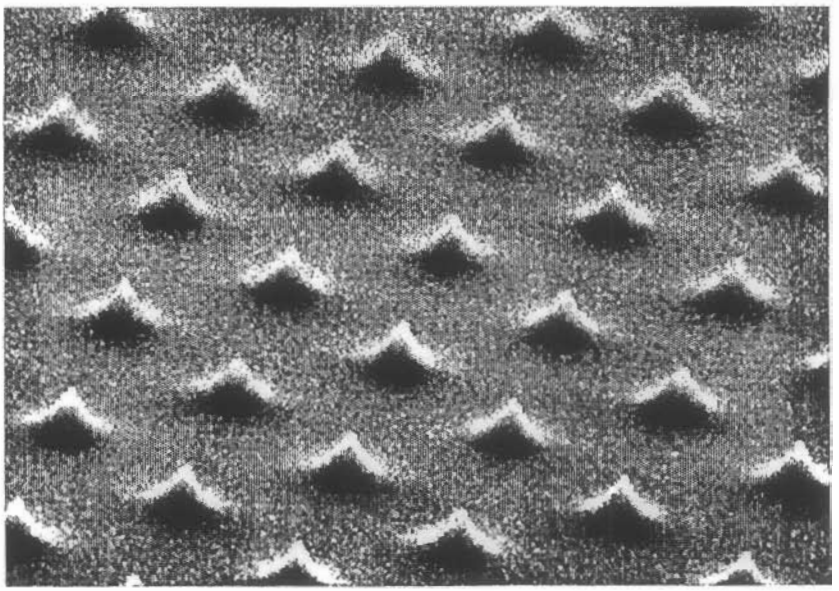


Fig. 12

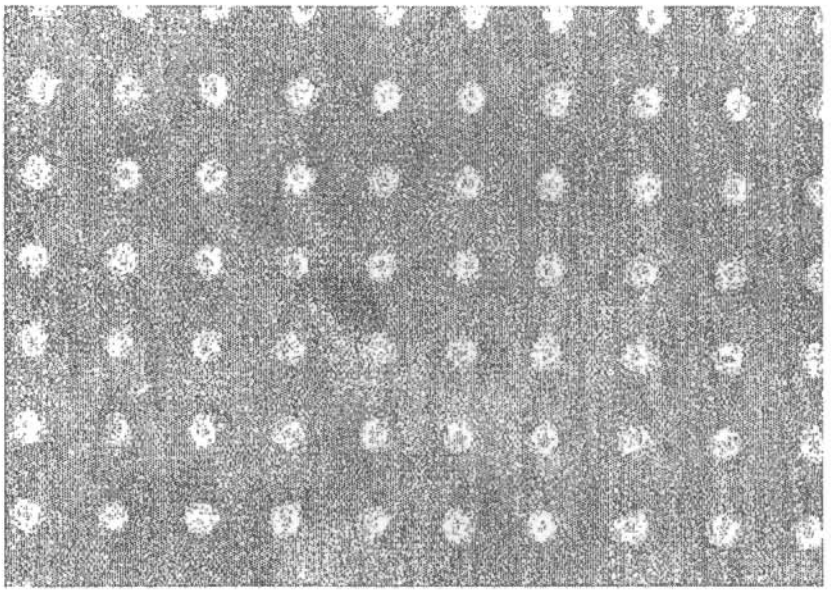


Fig. 13

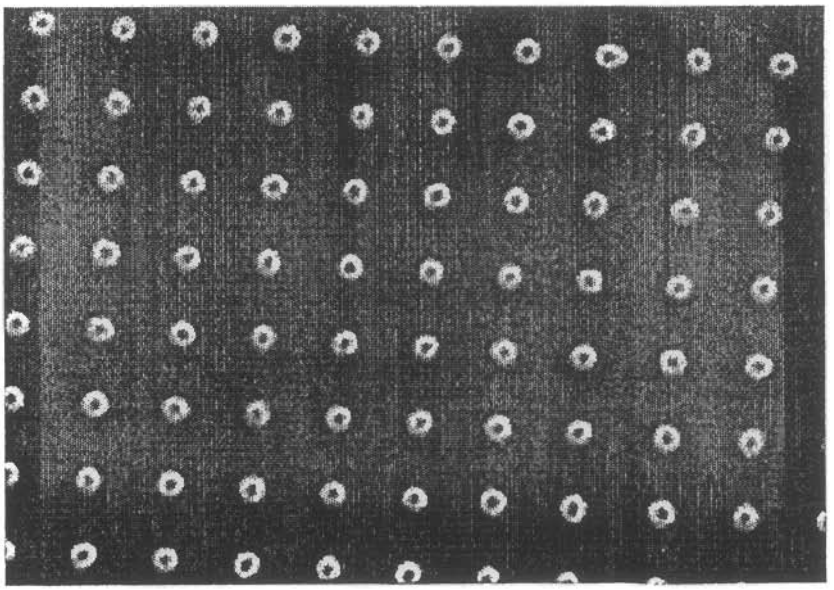


Fig. 14

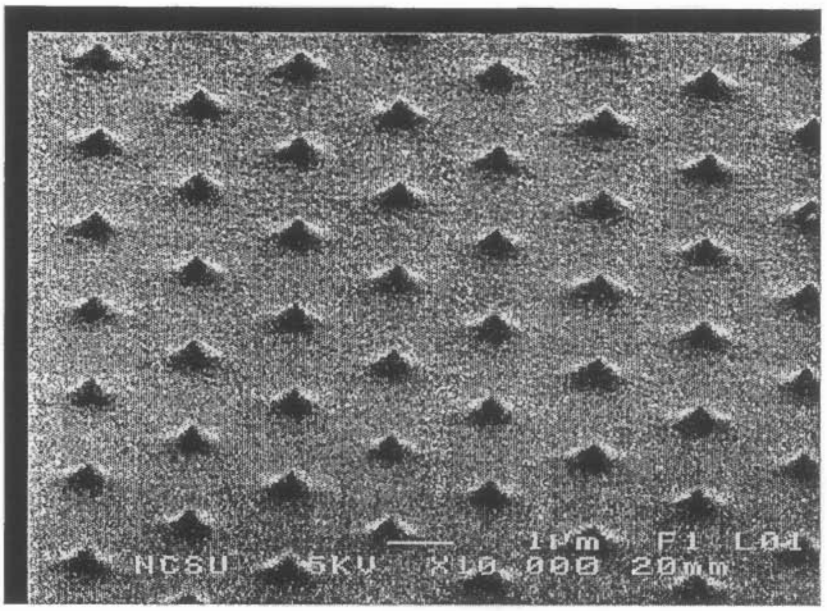

NCSU 5KU X10,000 20mm

Fig. 15

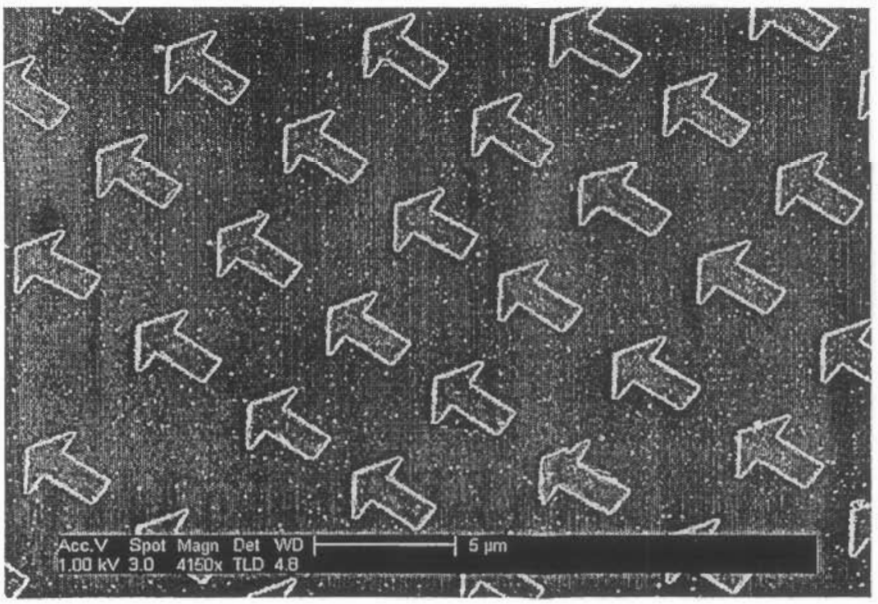

Acc.V Spot Magn Det WD
1.00 kV 3.0 4150x TLD 4.8
5 µm

Fig. 16

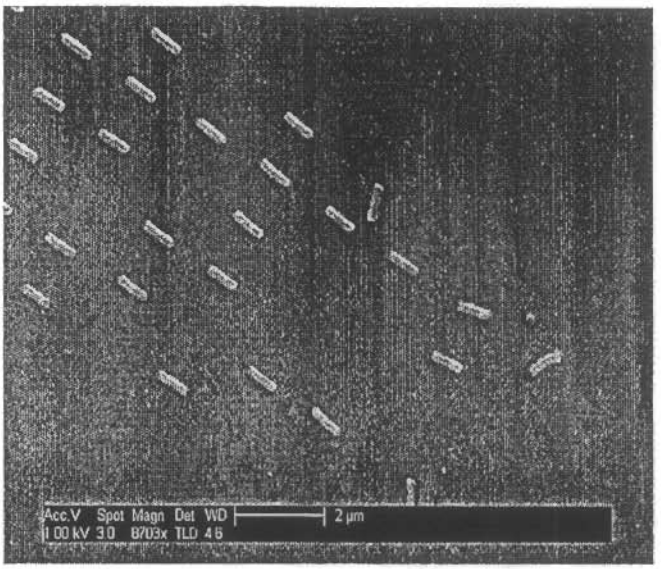

Acc.V Spot Magn Det WD
2 µm

Fig. 17

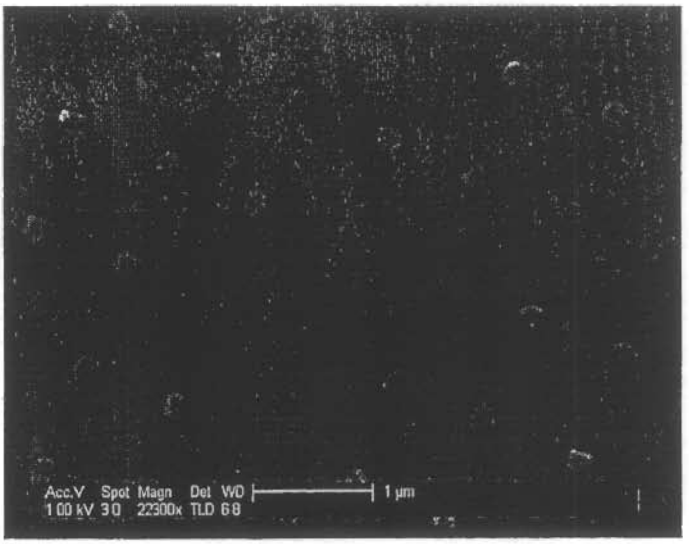

Acc.V Spot Magn Det WD
1 µm
1.00 kV 3.0 22300x TLD 6.8

Fig. 18

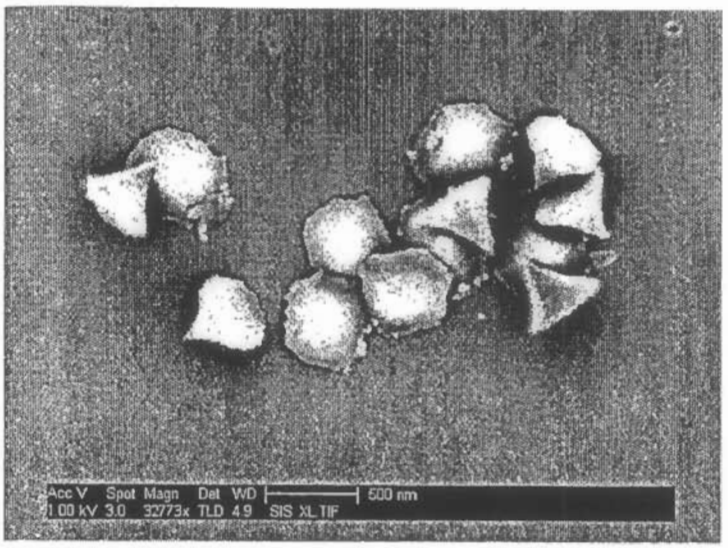

Acc V Spot Magn Det WD 500 nm
1.00 kV 3.0 32773x TLD 4.9 SIS XL TIF

Fig. 19

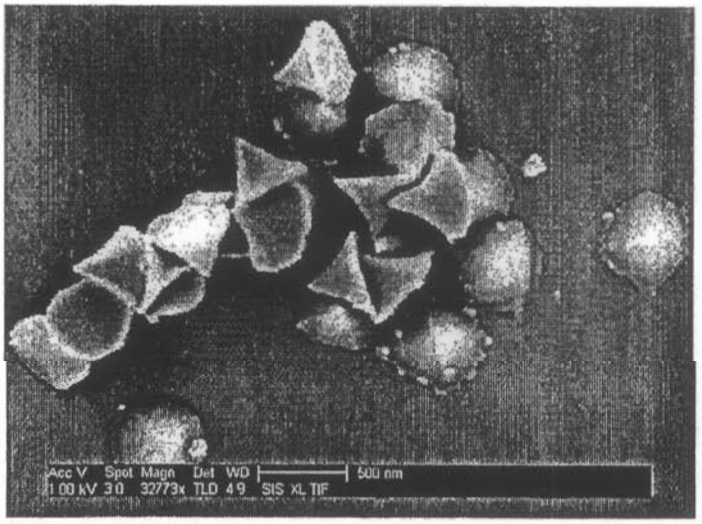

Acc V Spot Magn Det WD 500 nm
1.00 kV 3.0 32773x TLD 4.9 SIS XL TIF

Fig. 20

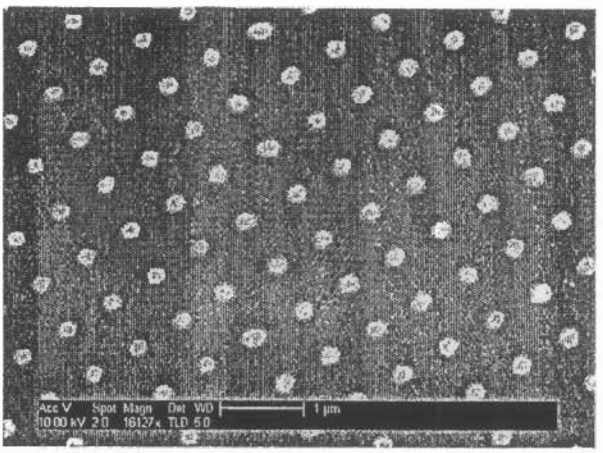

Acc.V Spot Magn Det WD
10.00 kV 2.0 16127x TLD 5.0
1 µm

Fig. 21

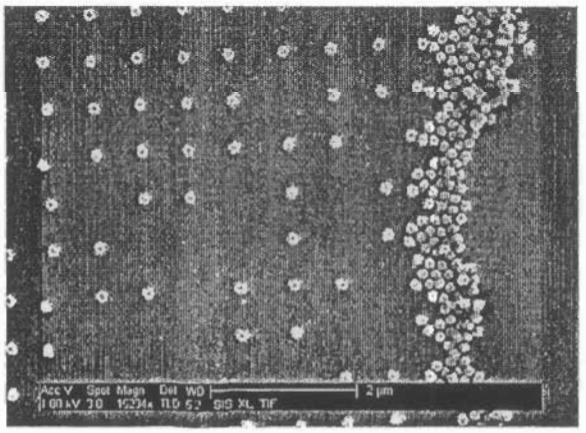

Acc.V Spot Magn Det WD
2 µm

Fig. 22

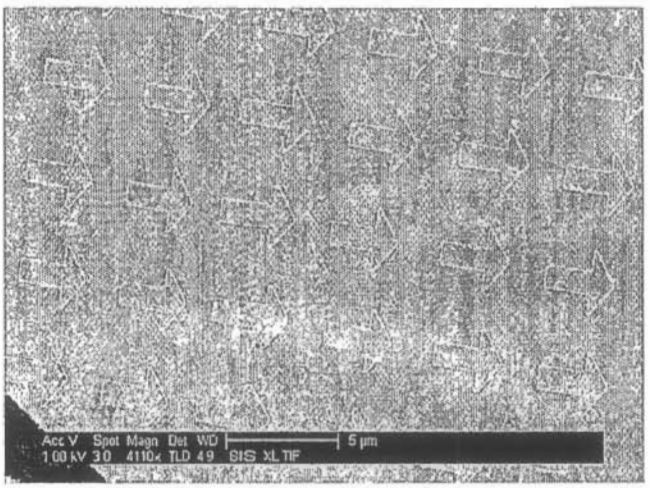

Acc.V Spot Magn Det WD 5 µm
1.00 kV 3.0 4110x TLD 4.9 SIS XLTIF

Fig. 23

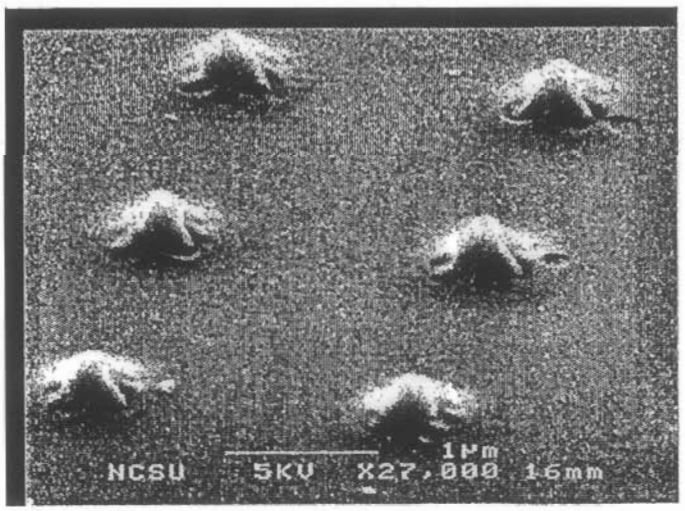

1µm
NCSU 5KV X27,000 16mm

Fig. 24

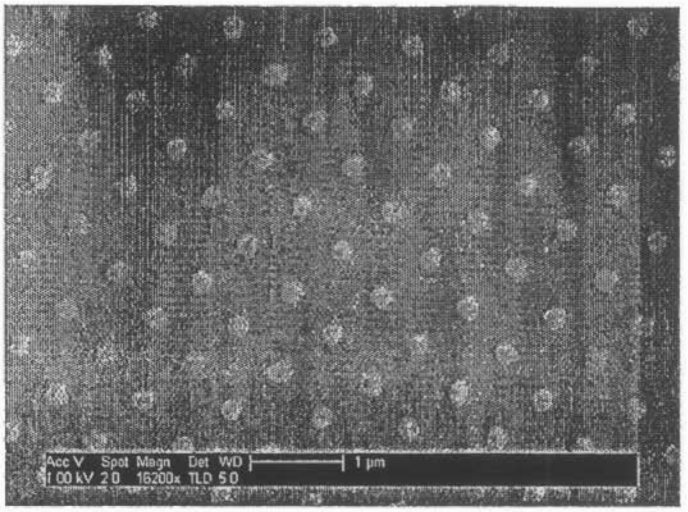

Acc V Spot Magn Det WD 1 µm
5.00 kV 2.0 16200x TLD 5.0

Fig. 25

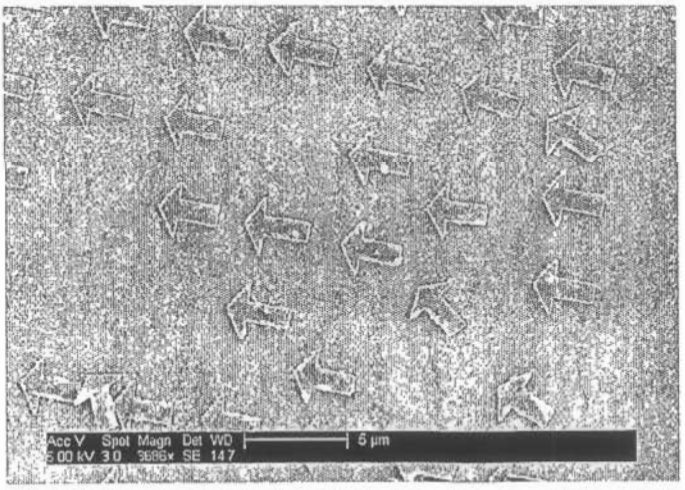

Acc V Spot Magn Det WD 5 µm
5.00 kV 3.0 9686x SE 147

Fig. 26

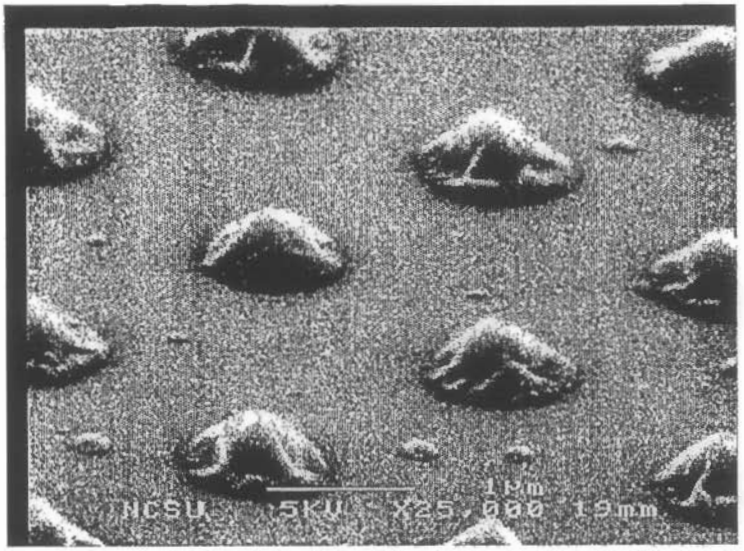


Fig. 27

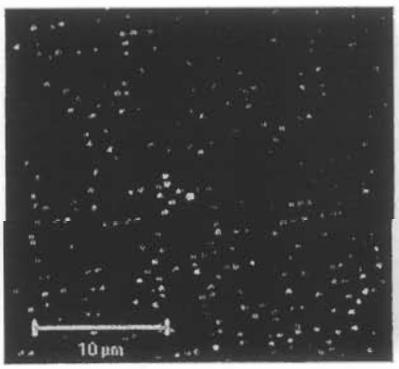


Fig. 28A

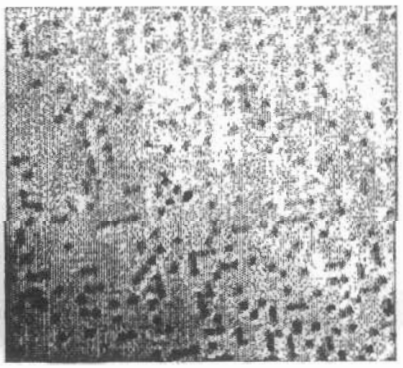


Fig. 28B

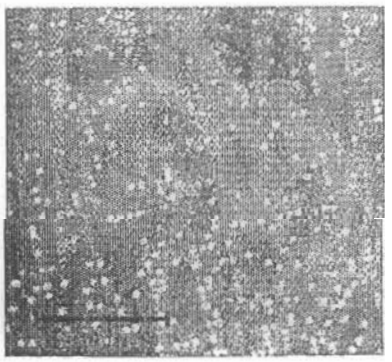


Fig. 28C

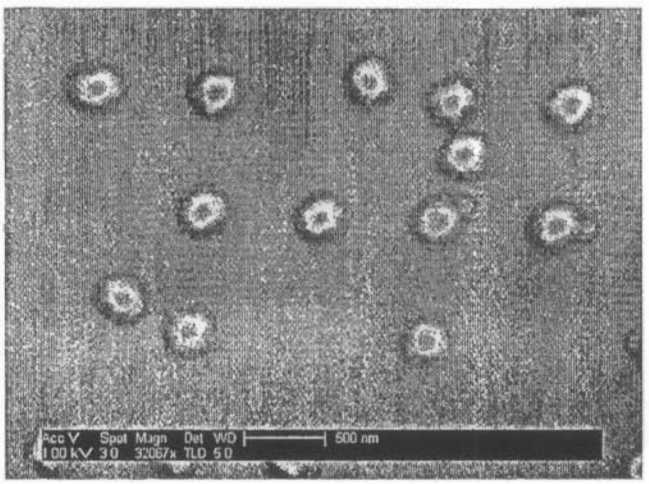


Fig. 29

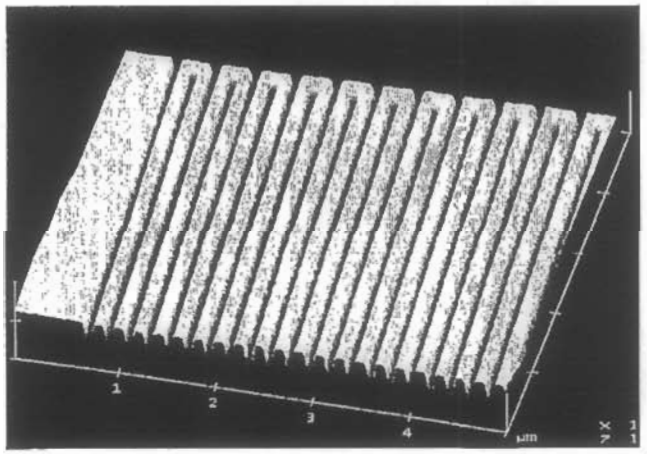


Fig. 30

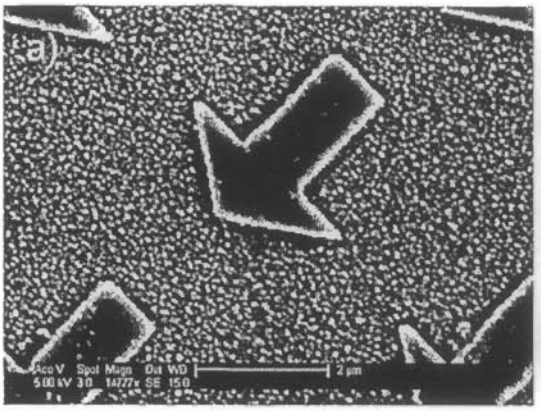


Fig. 31A

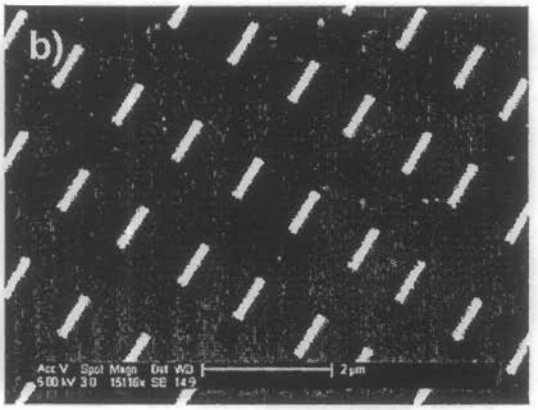


Fig. 31B

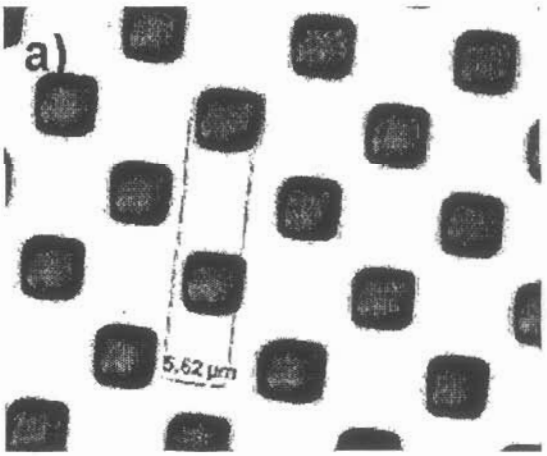


Fig. 32A

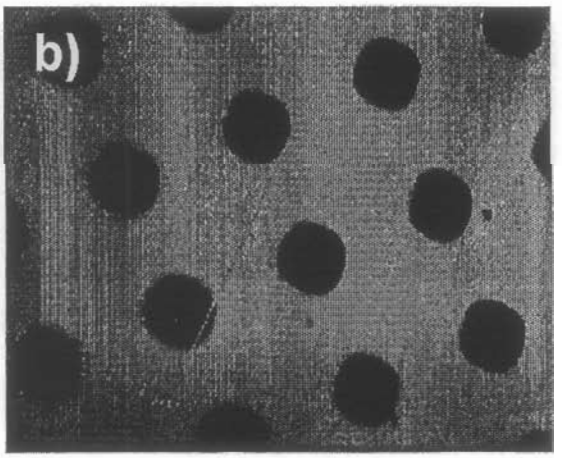


Fig. 32B

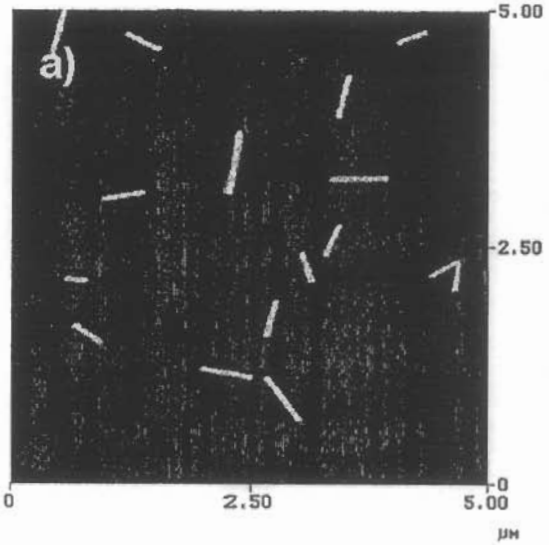


Fig. 33A

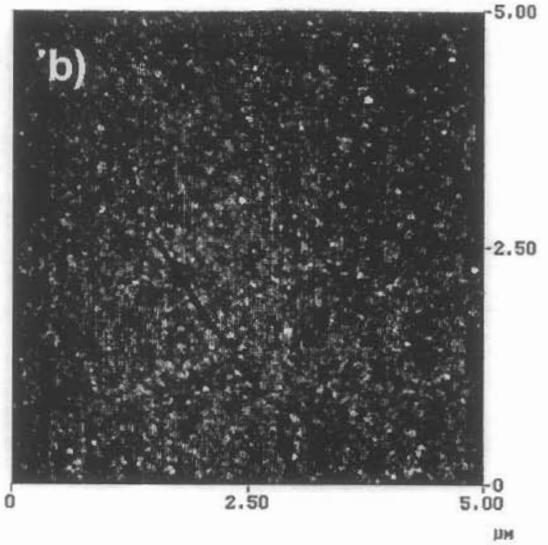


Fig. 33B

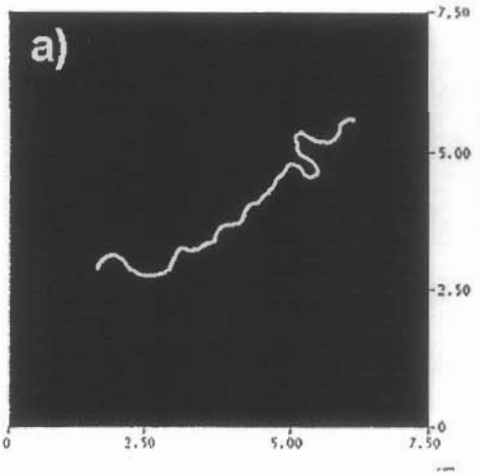


Fig. 34A

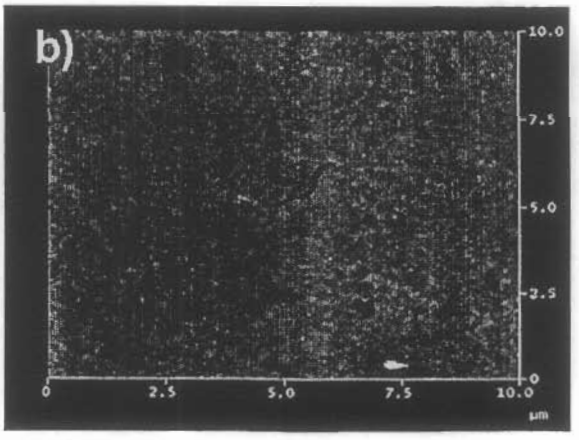


Fig. 34B

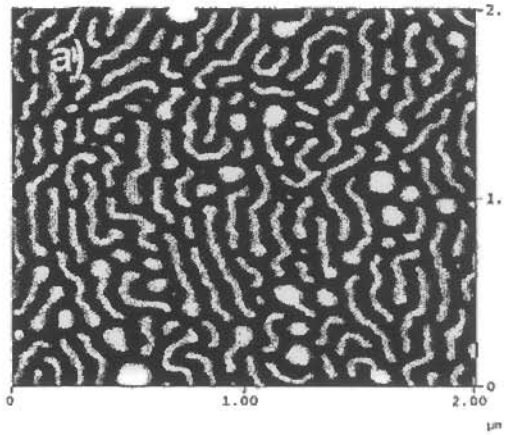


Fig. 35A

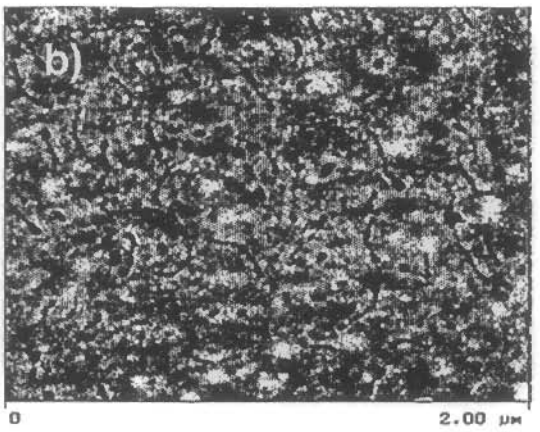


Fig. 35B