

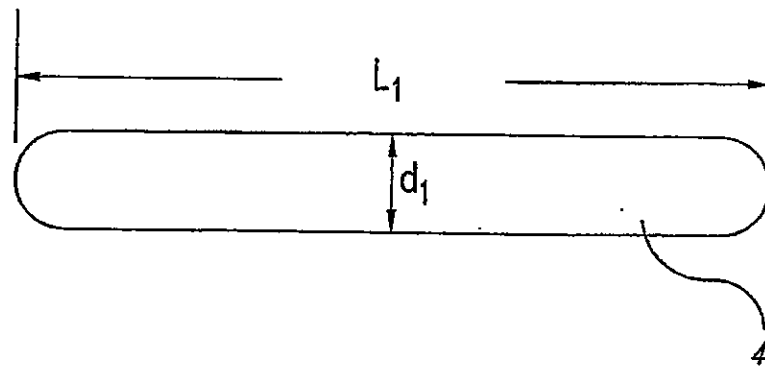


FIG. 1

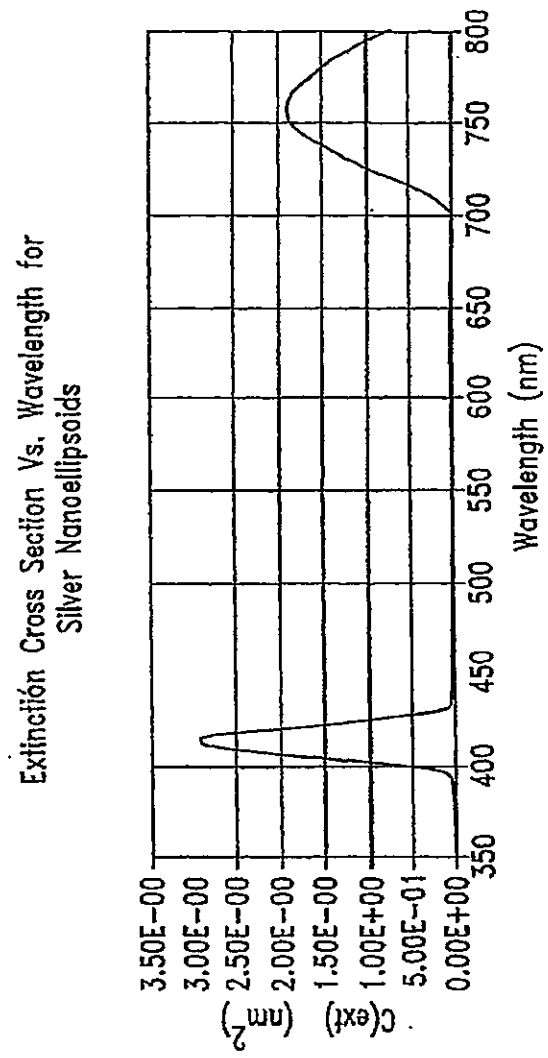
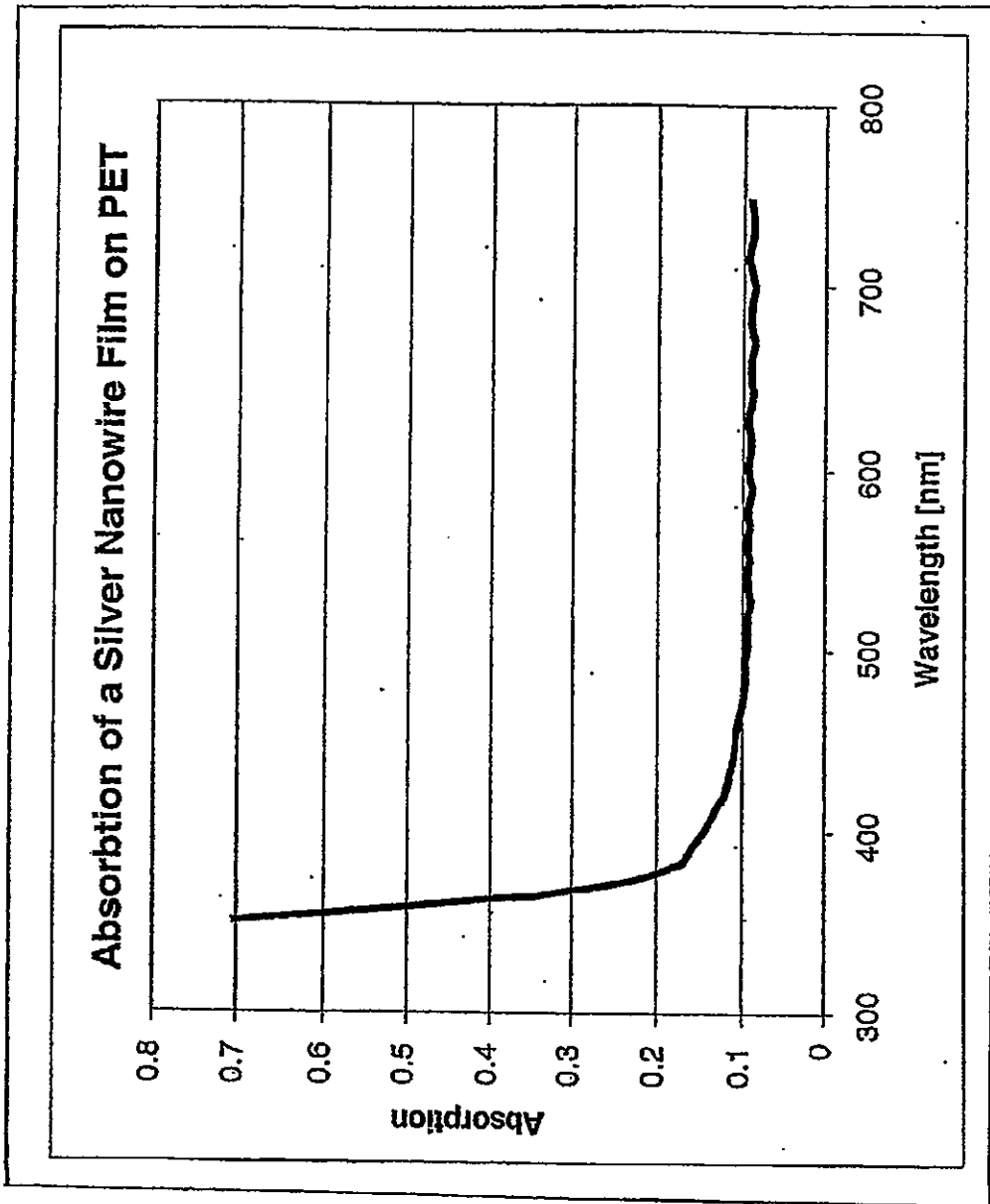
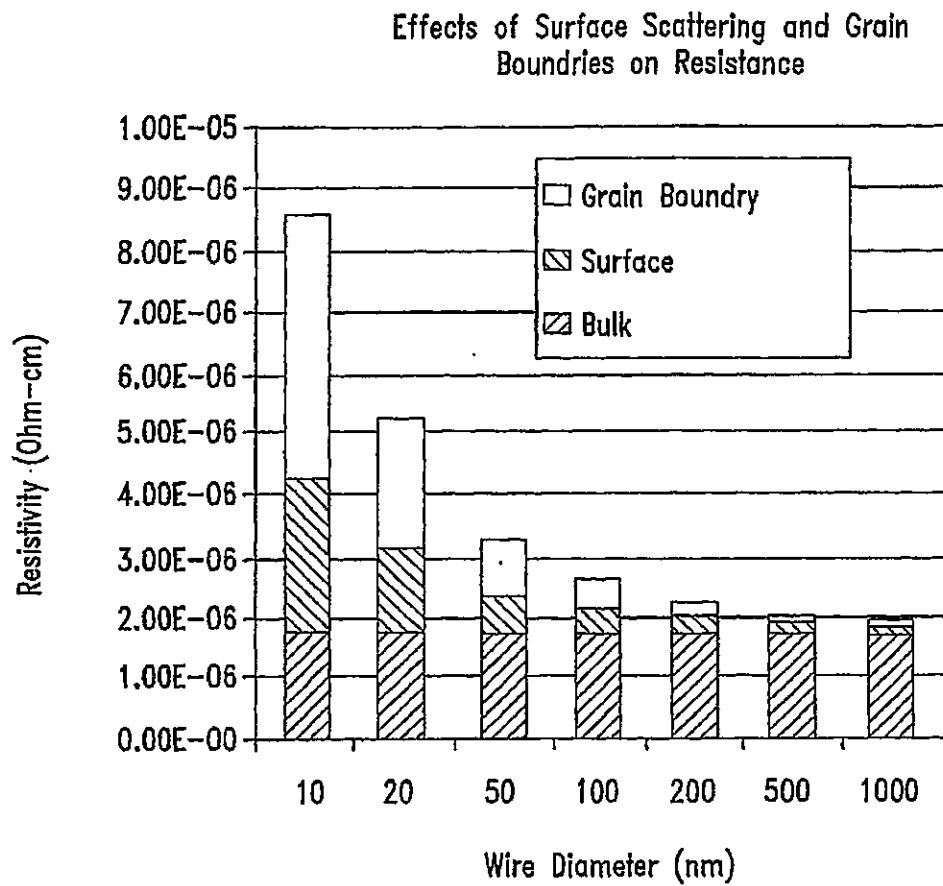


FIG. 2

*FIG. 3*

*FIG. 4*

Effect of Nanowire Diameter on Resistivity

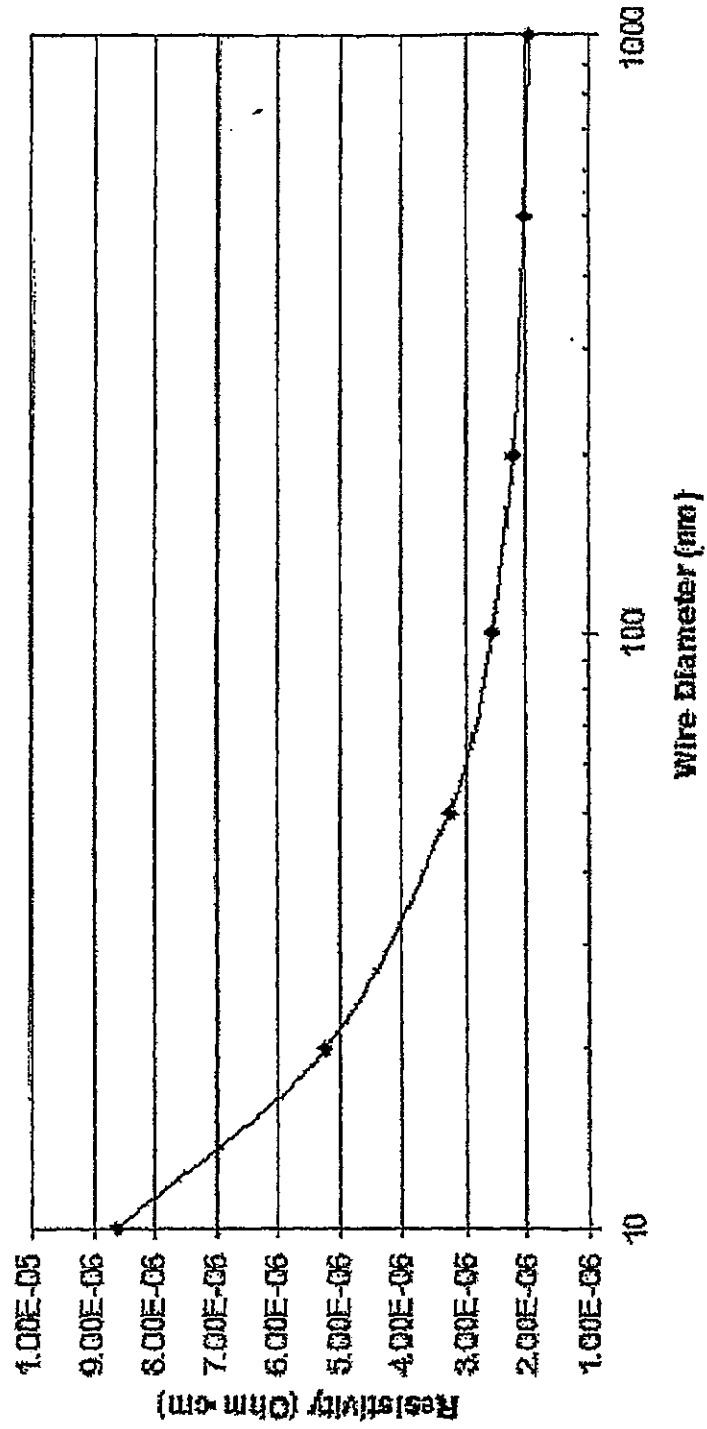
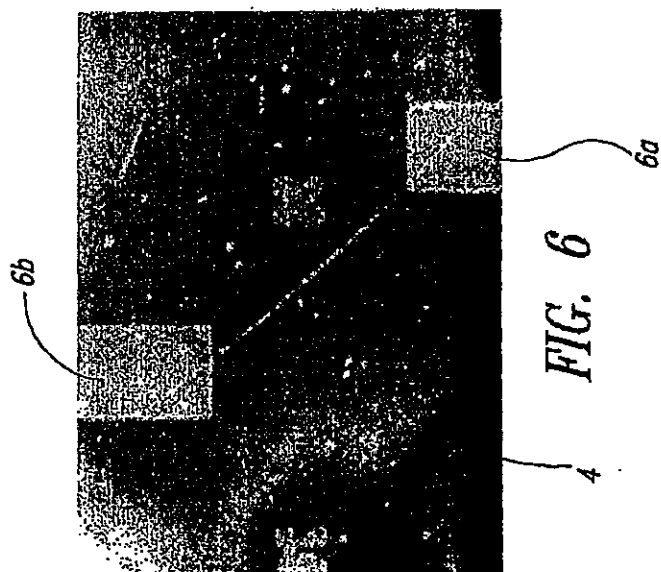


FIG. 5



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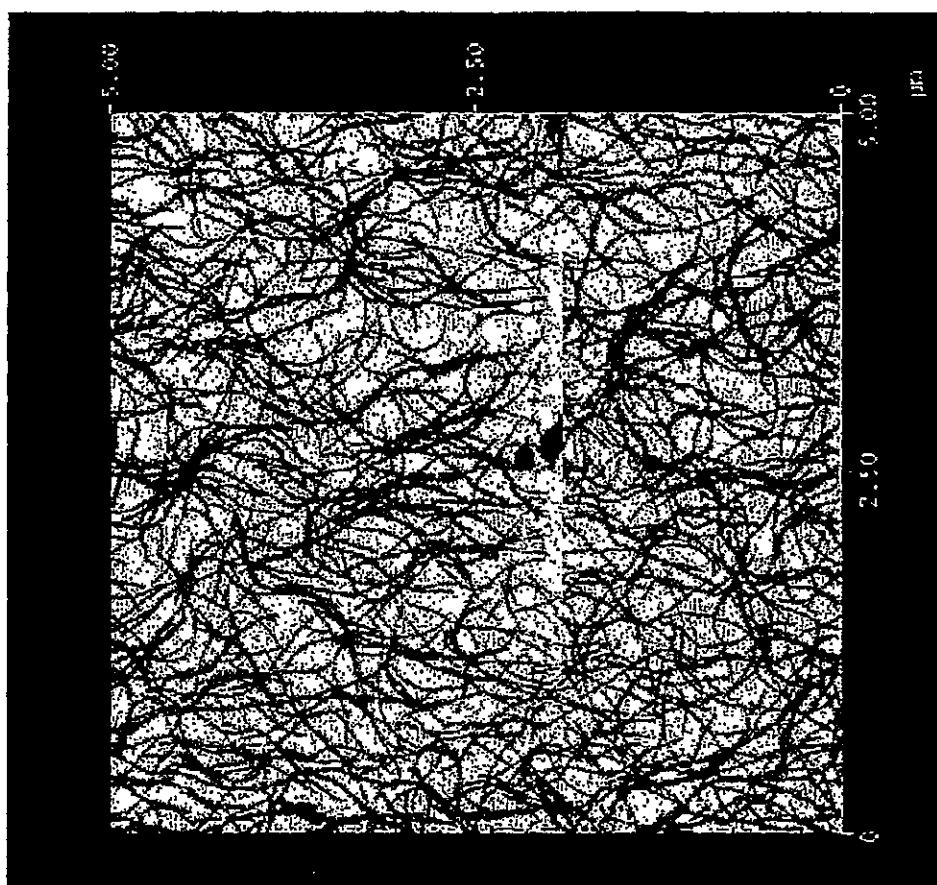


FIG. 7

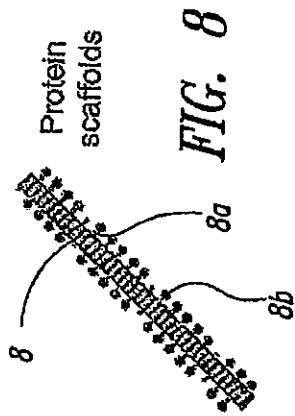


FIG. 8

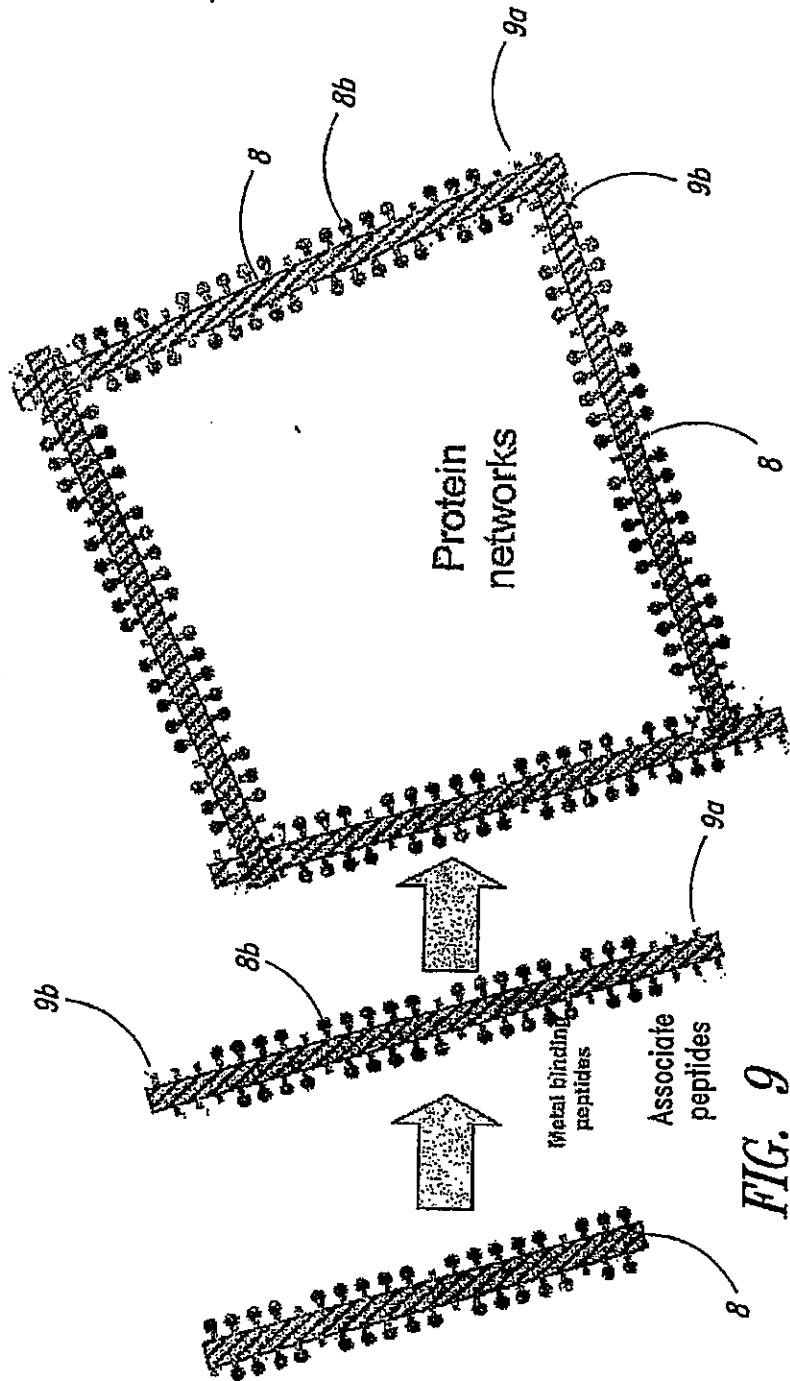


FIG. 9

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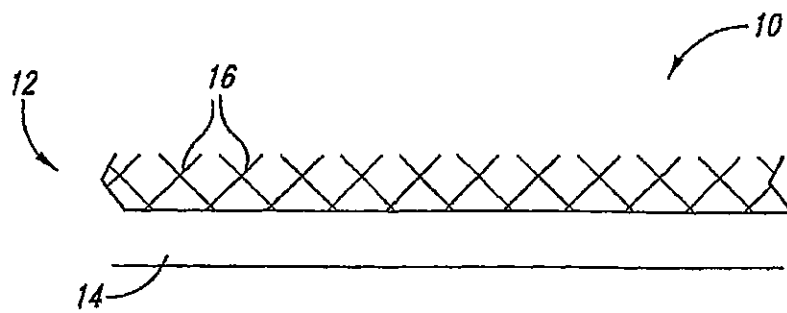


FIG. 10A

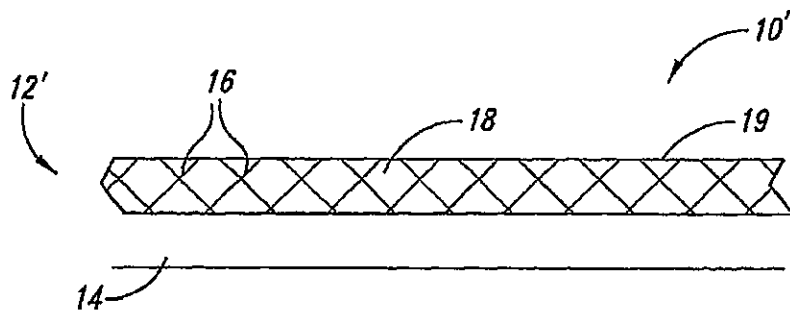


FIG. 10B

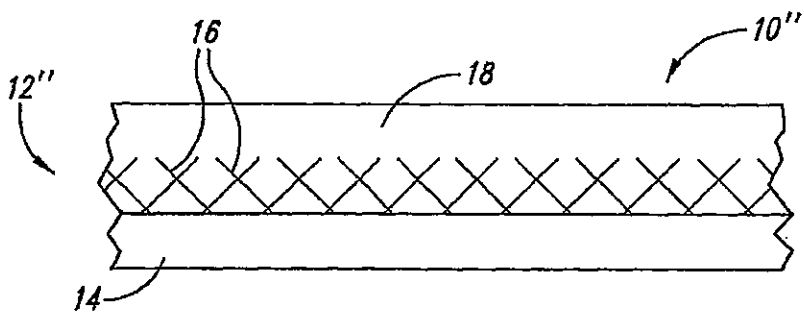


FIG. 10E

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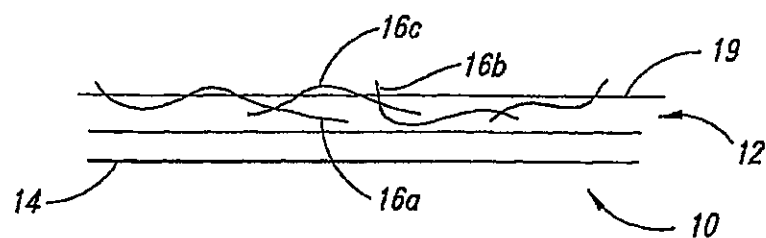


FIG. 10C

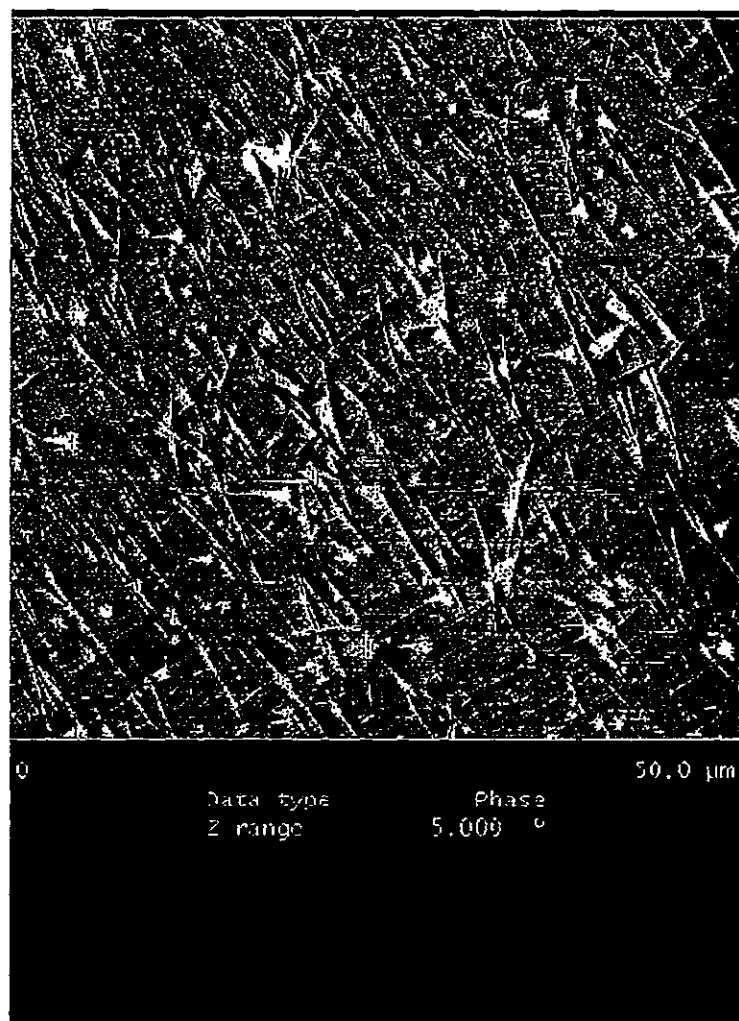


FIG. 10D

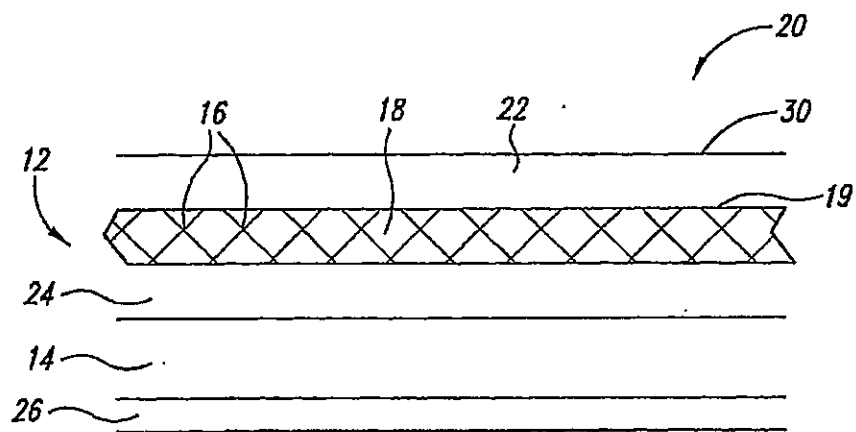


FIG. 11

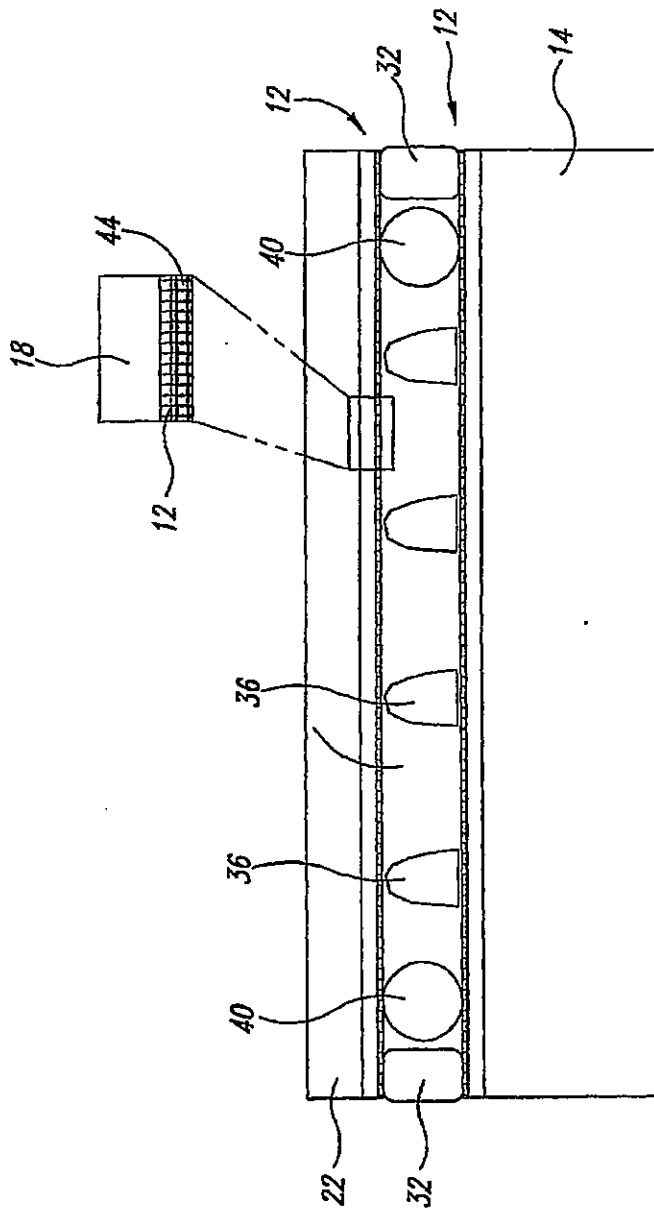


FIG. 12

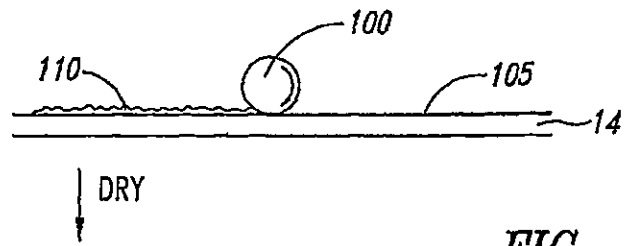


FIG. 13A

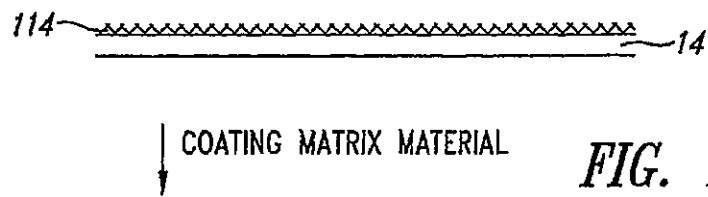


FIG. 13B

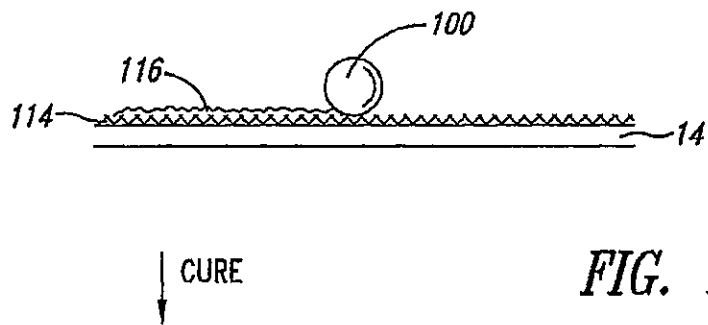


FIG. 13C

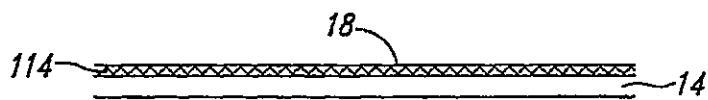


FIG. 13D

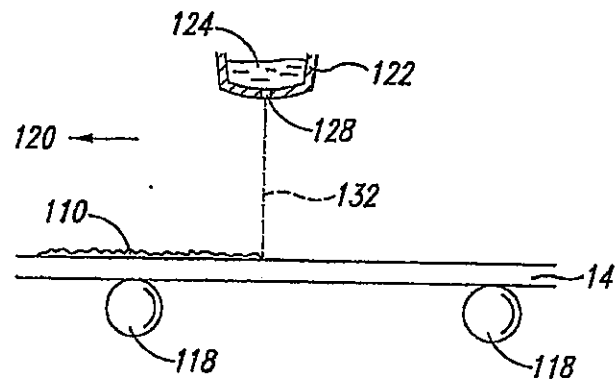


FIG. 14A

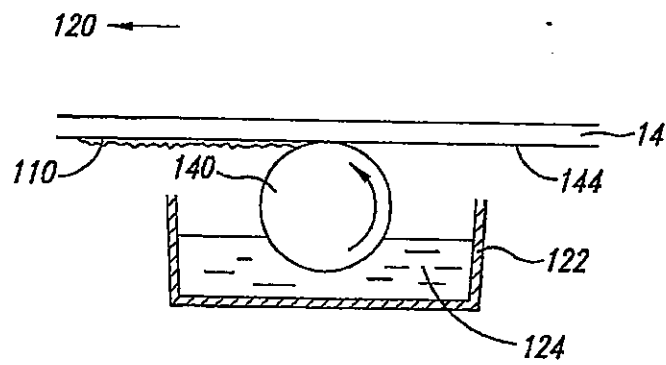


FIG. 14B

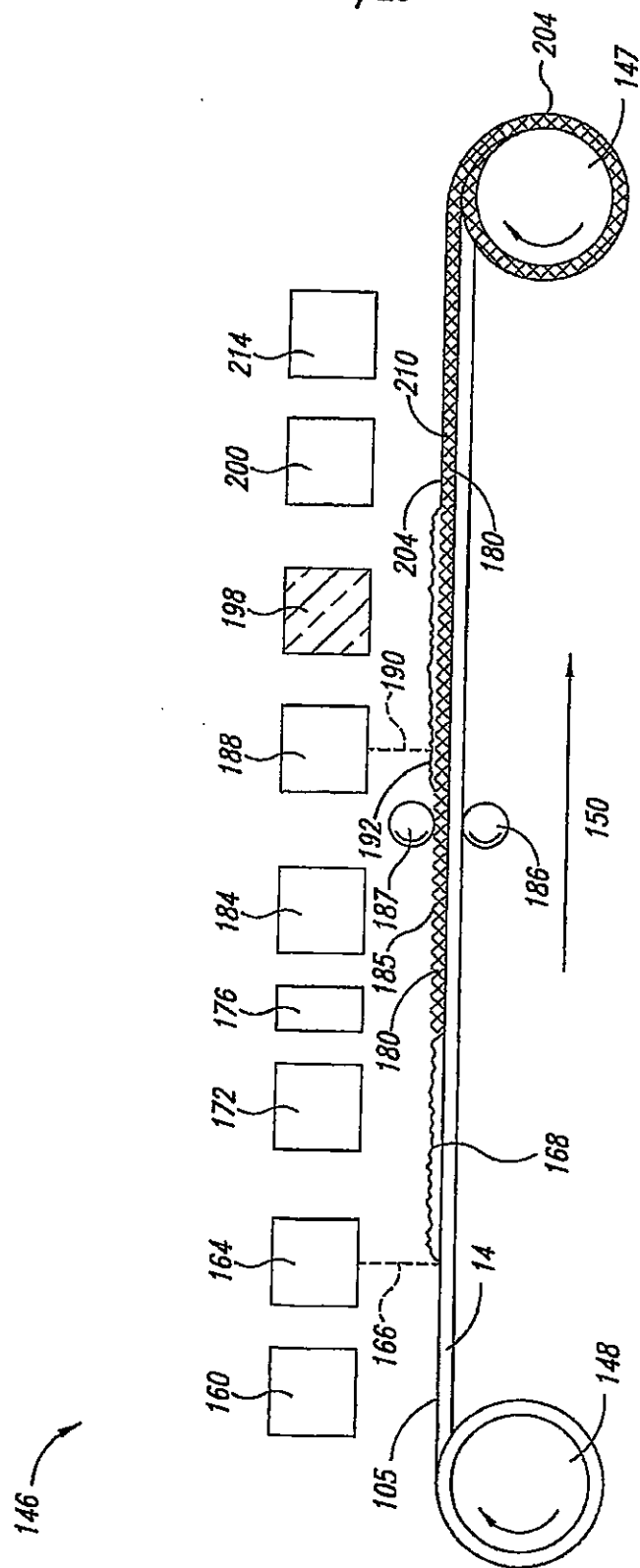


FIG. 15A

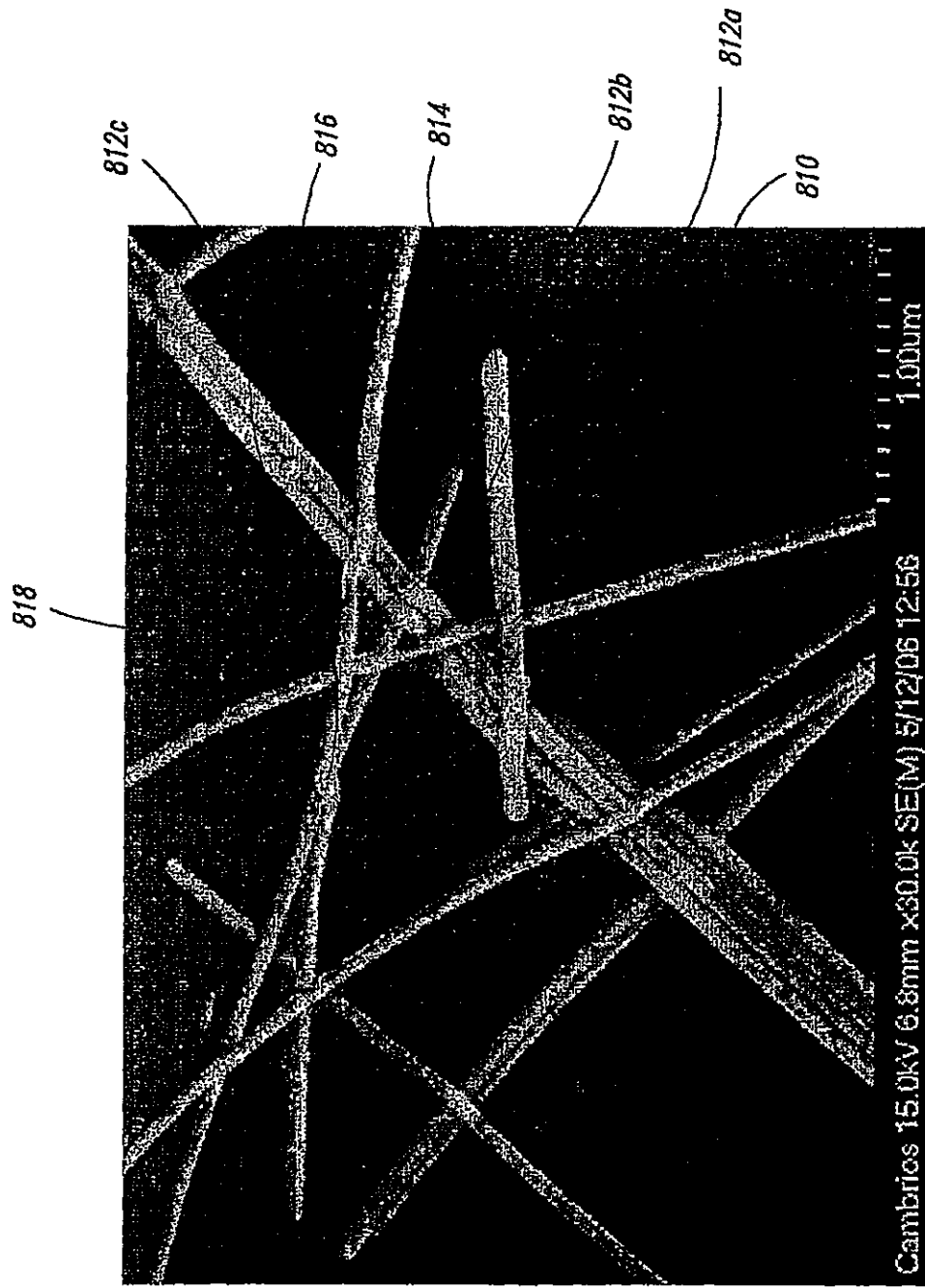


FIG. 15B

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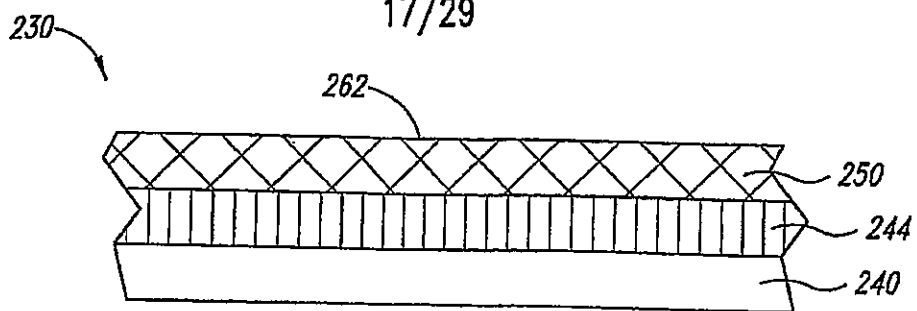


FIG. 16A

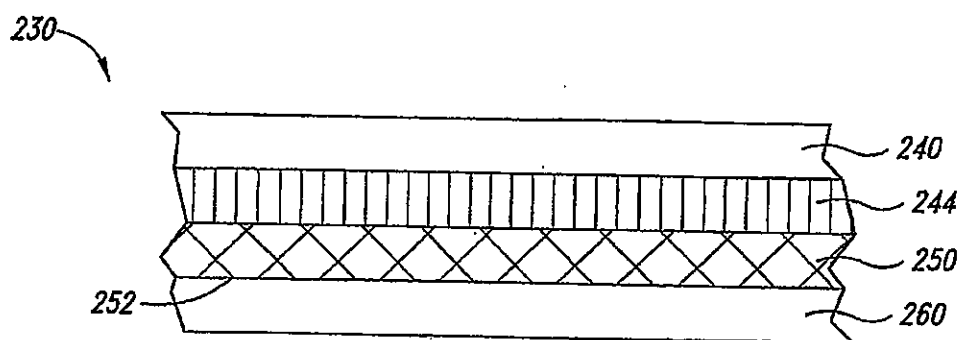


FIG. 16B

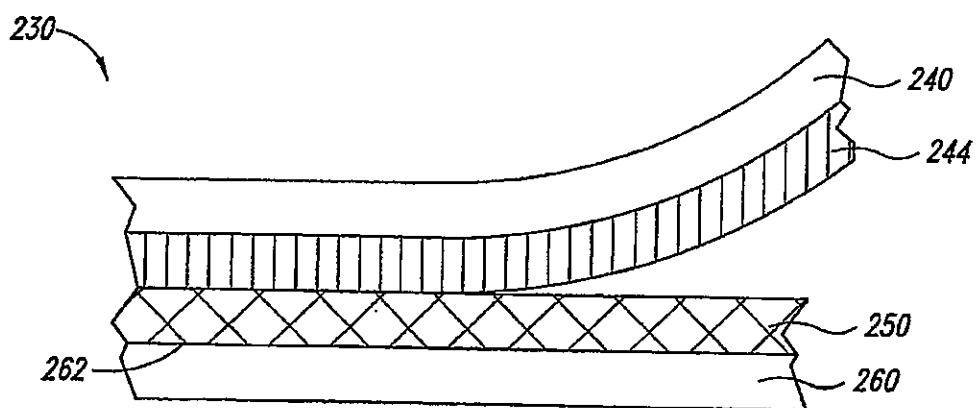


FIG. 16C

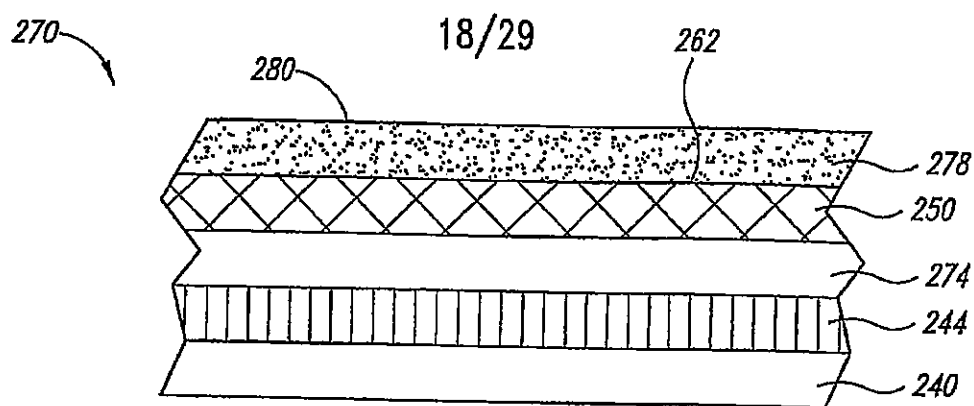


FIG. 17A

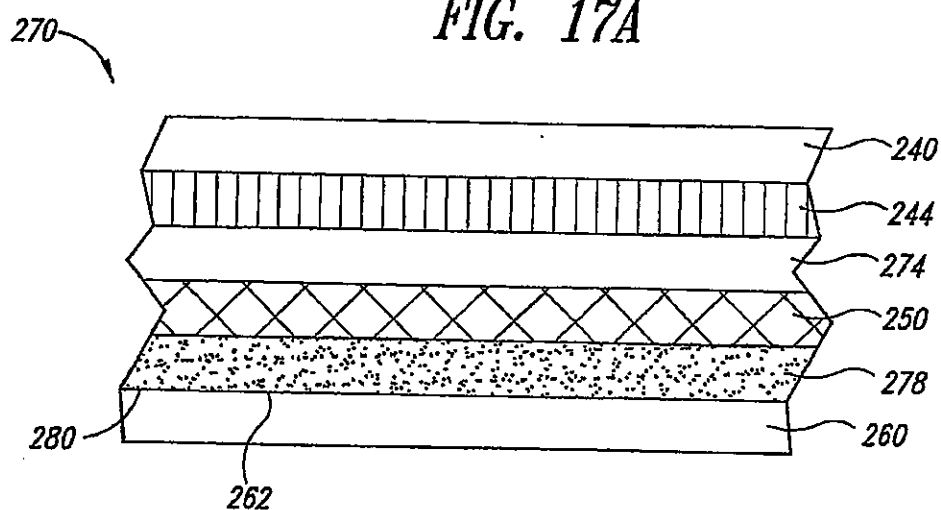


FIG. 17B

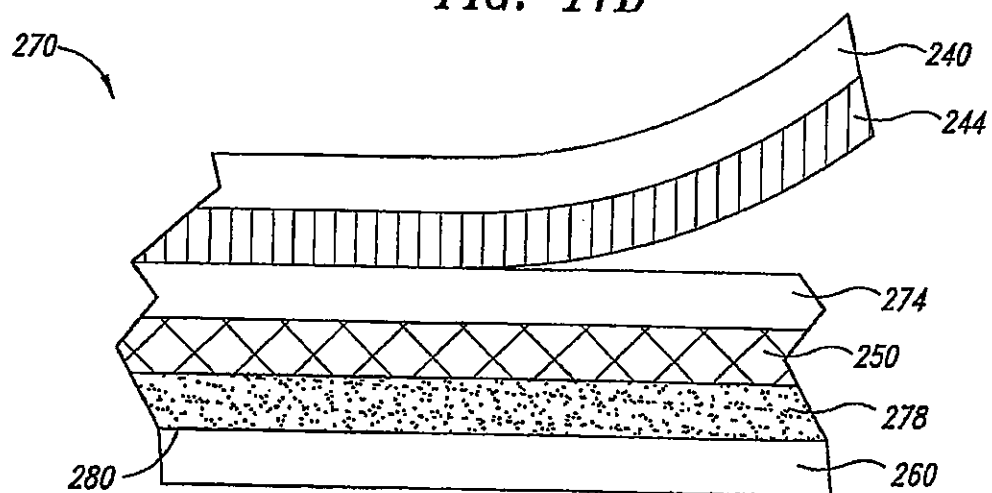


FIG. 17C

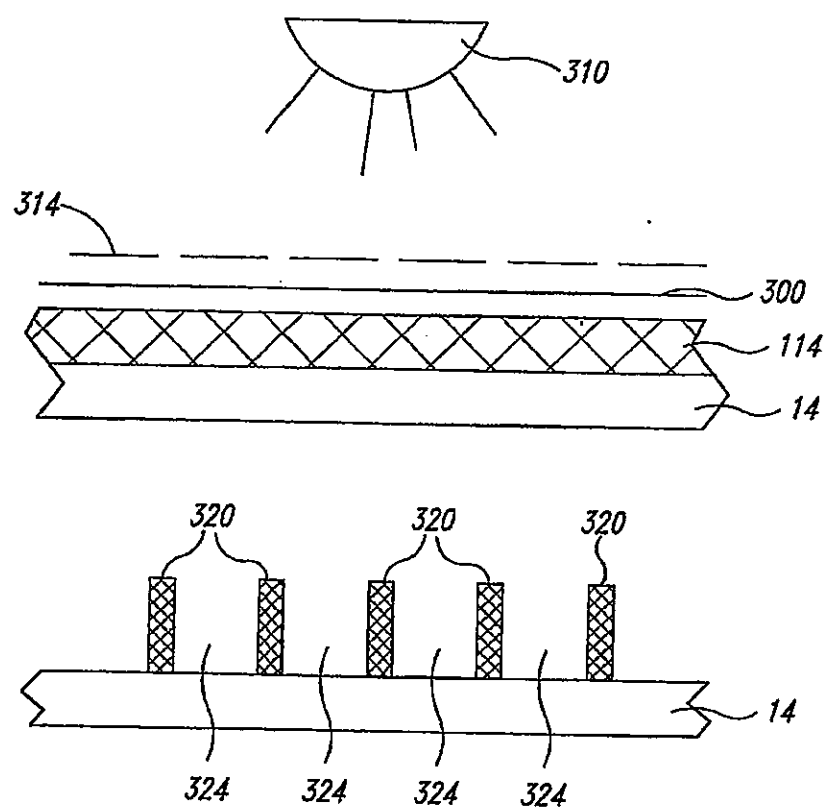
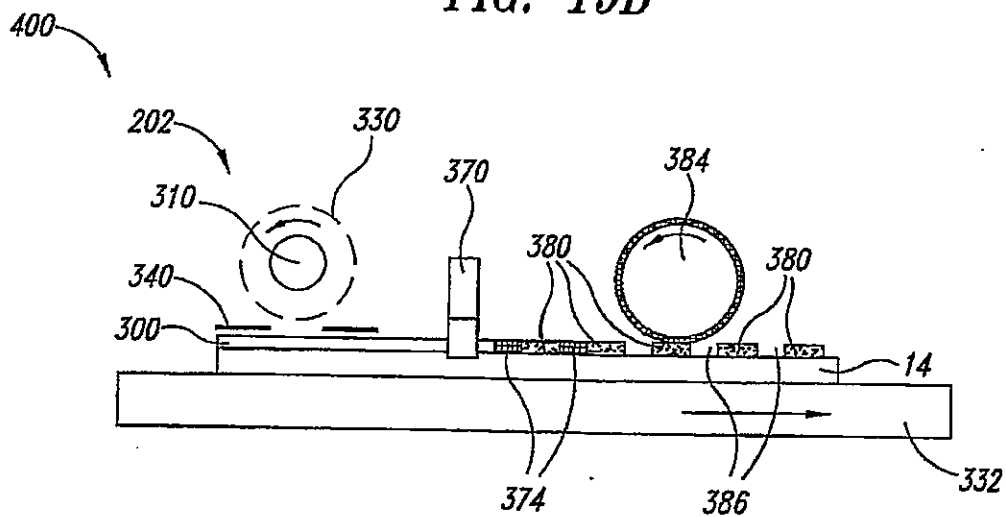
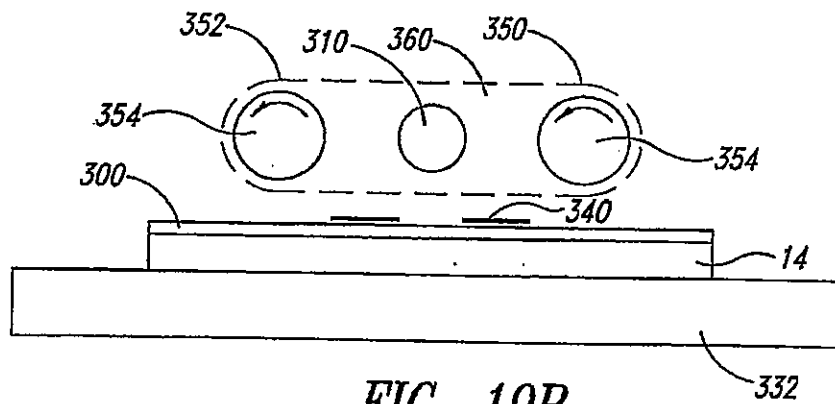
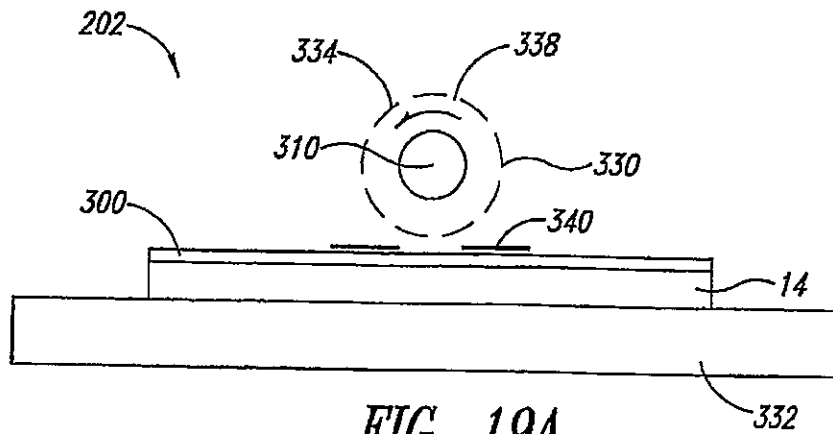


FIG. 18



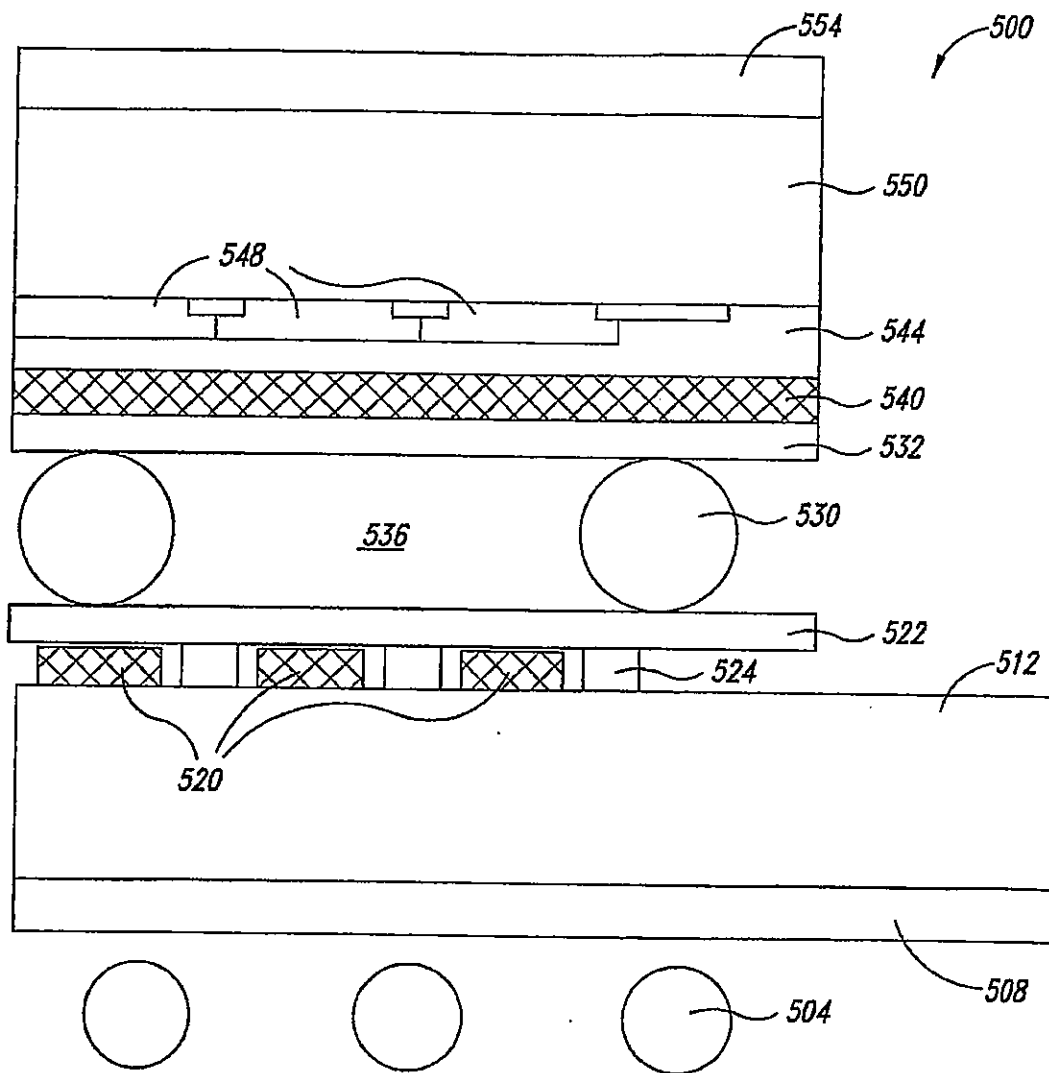


FIG. 21

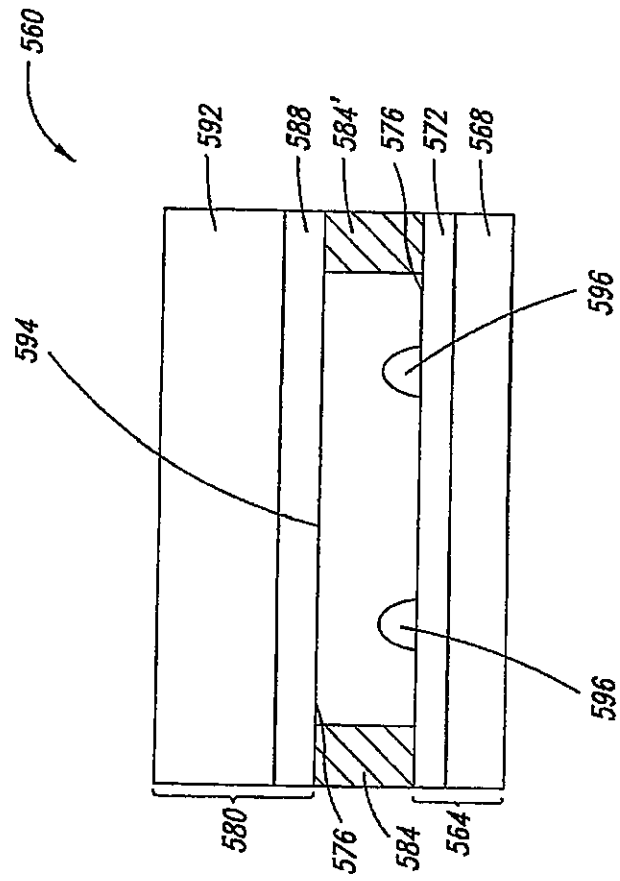


FIG. 22

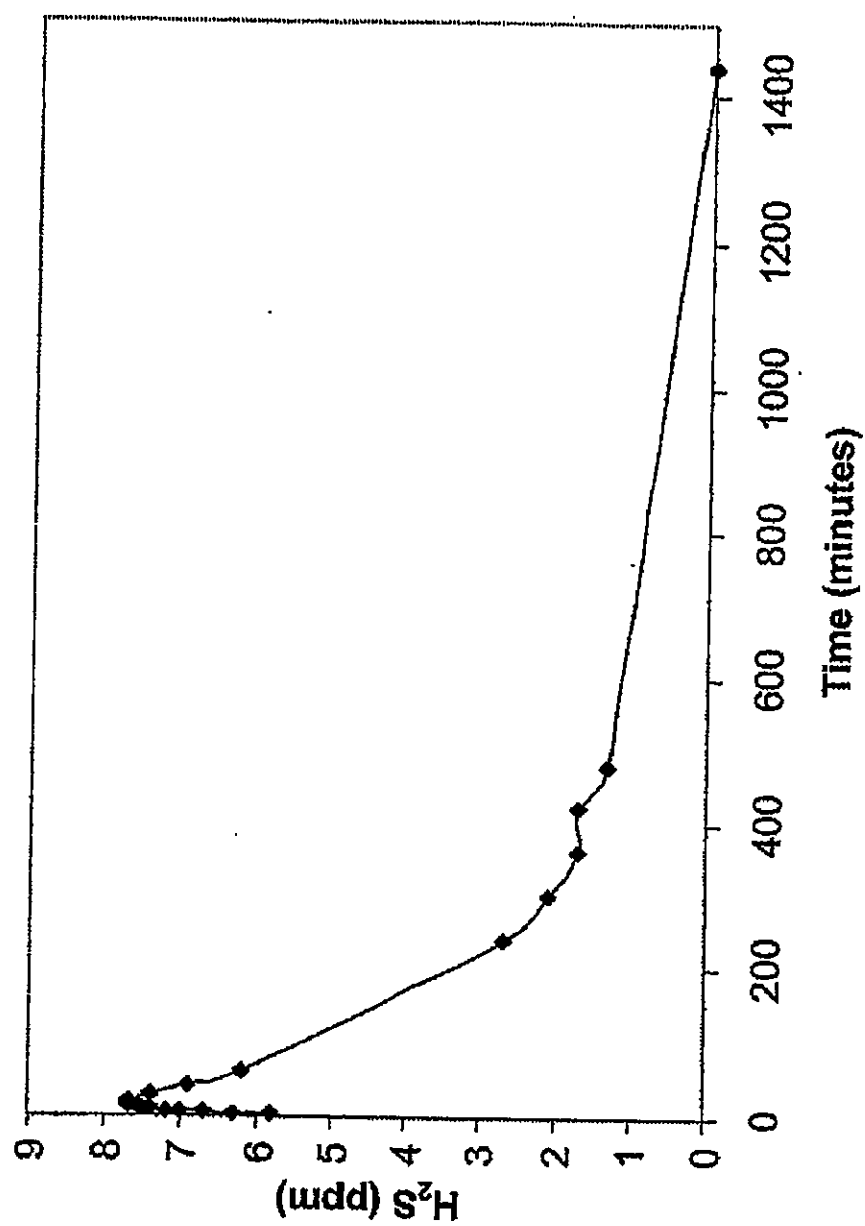


FIG. 23

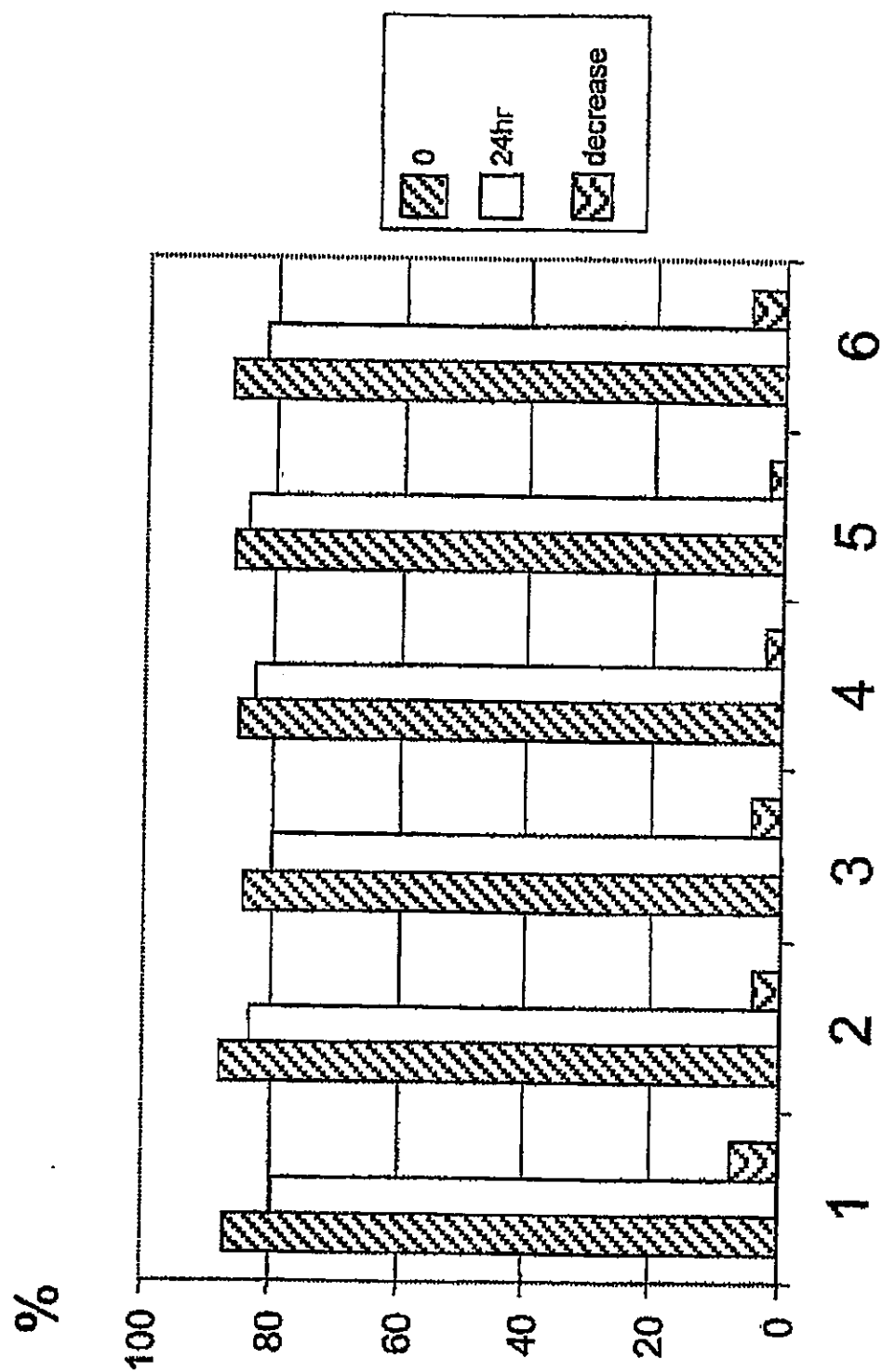


FIG. 24A

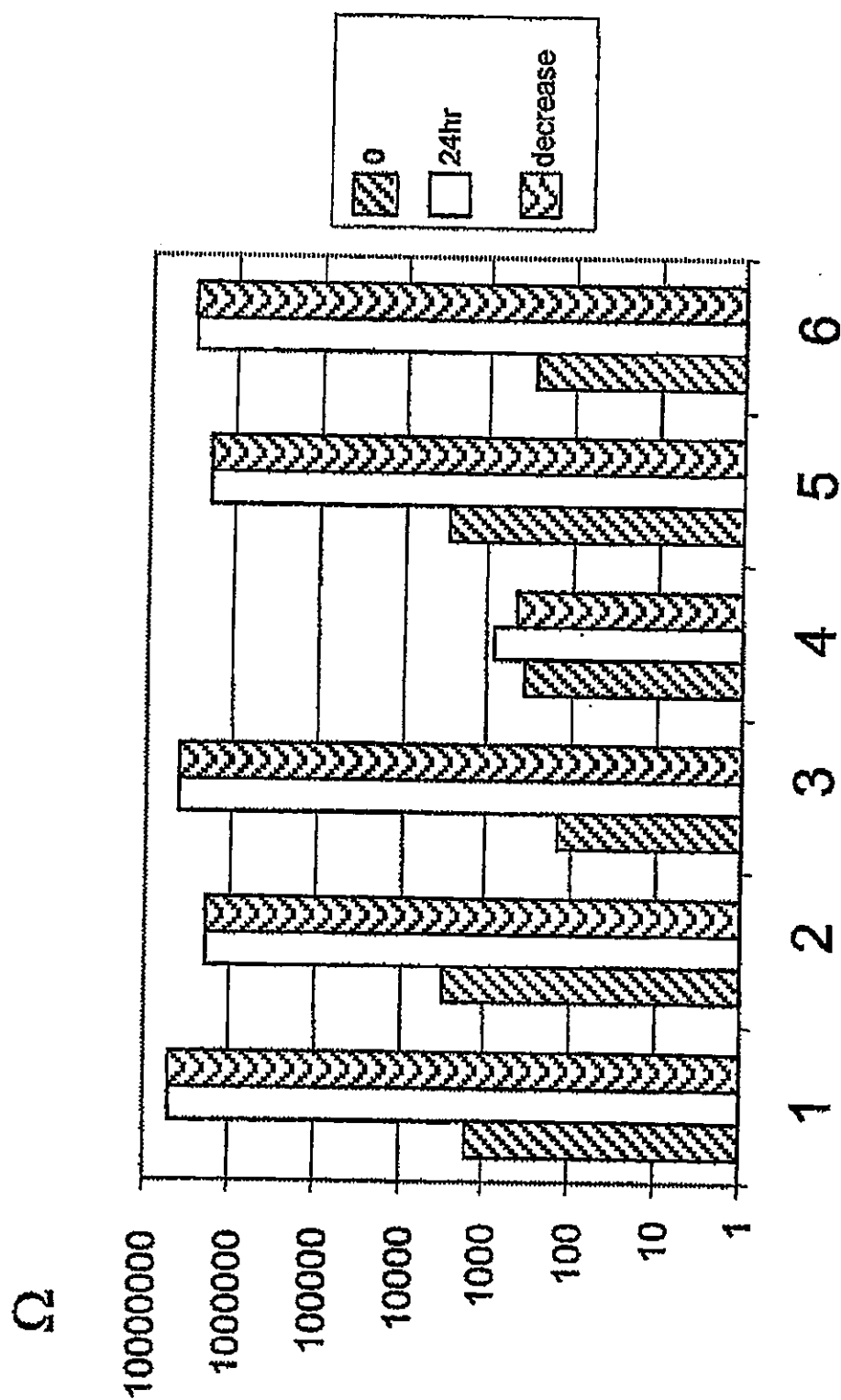


FIG. 24B

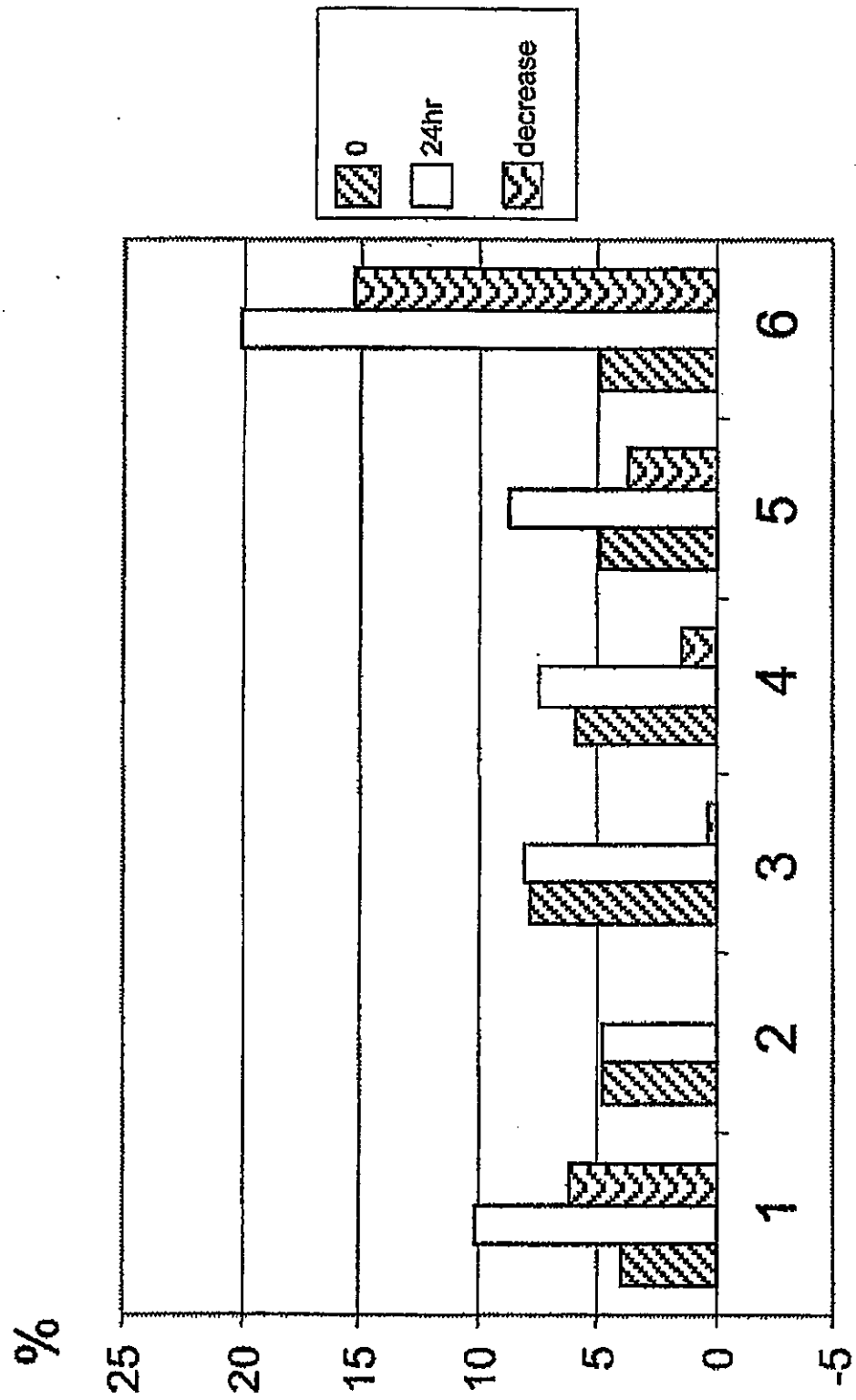


FIG. 24C

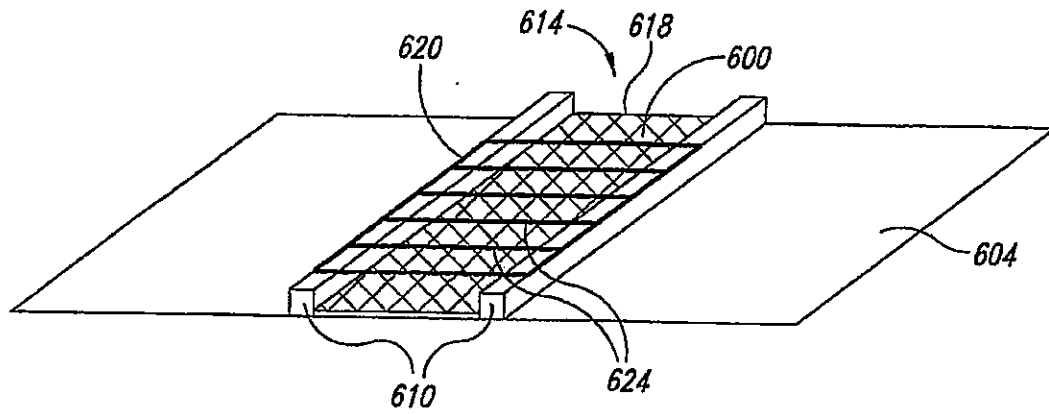


FIG. 25A

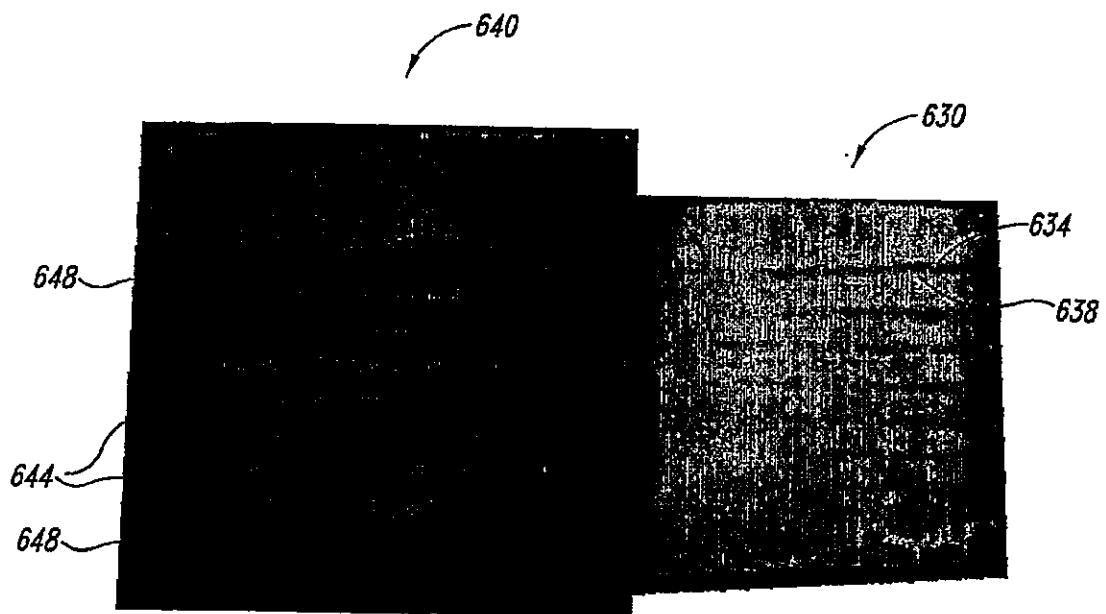
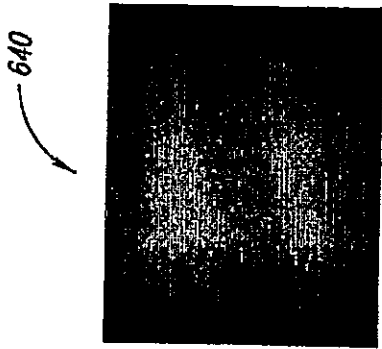
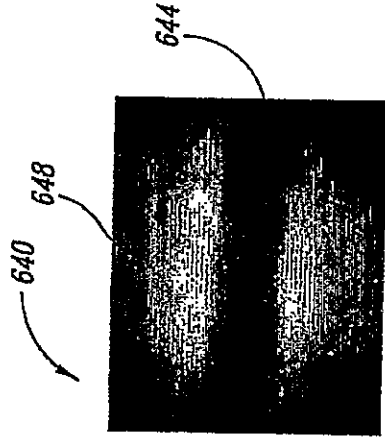


FIG. 25B



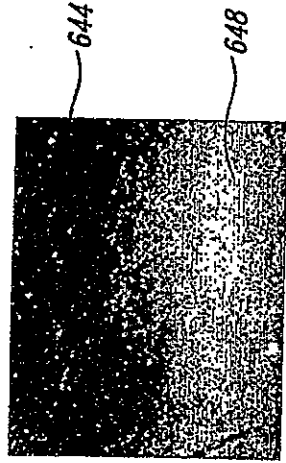
(5X)

FIG. 26A



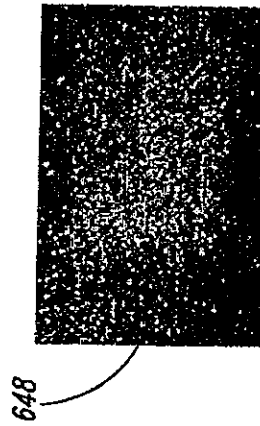
(5X)

FIG. 26B



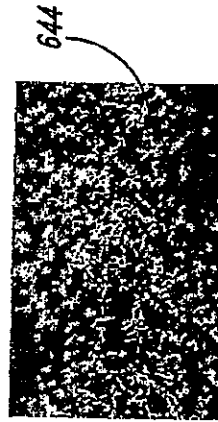
(20X)

FIG. 26C



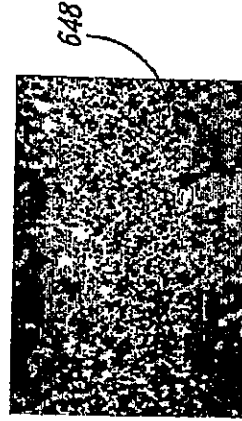
(20X)

FIG. 26D



(100X)

FIG. 26E



(100X)

FIG. 26F

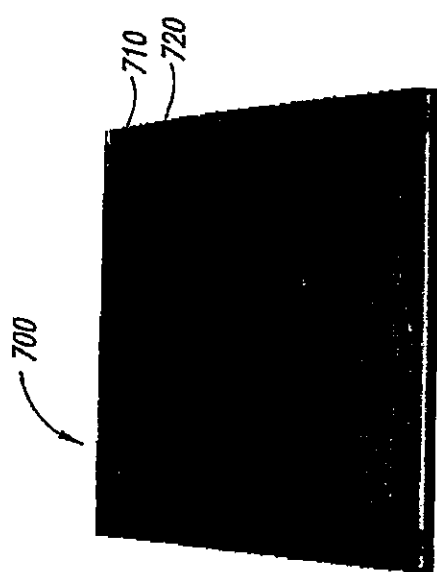


FIG. 27A

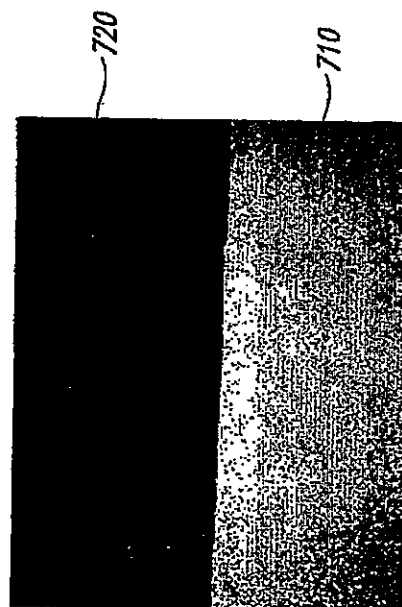


FIG. 27B

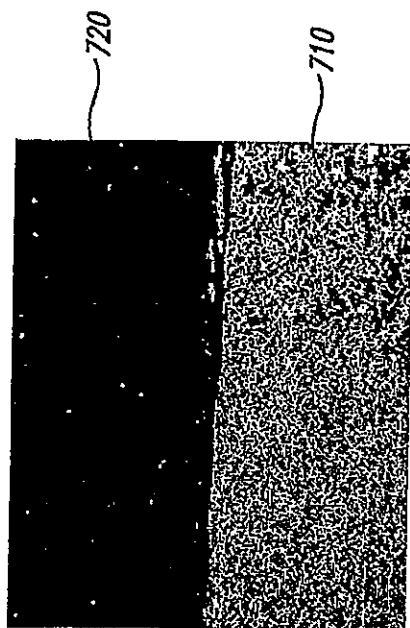


FIG. 27C

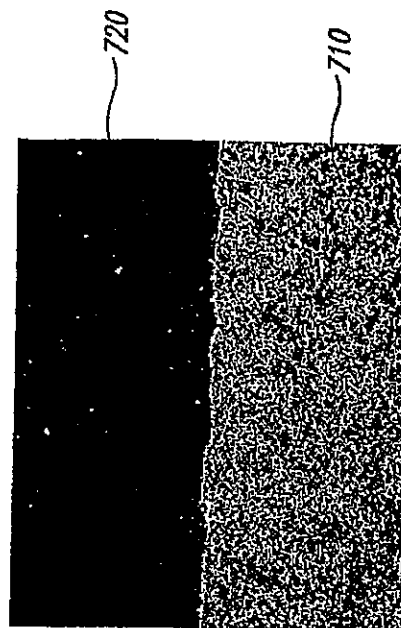


FIG. 27D