

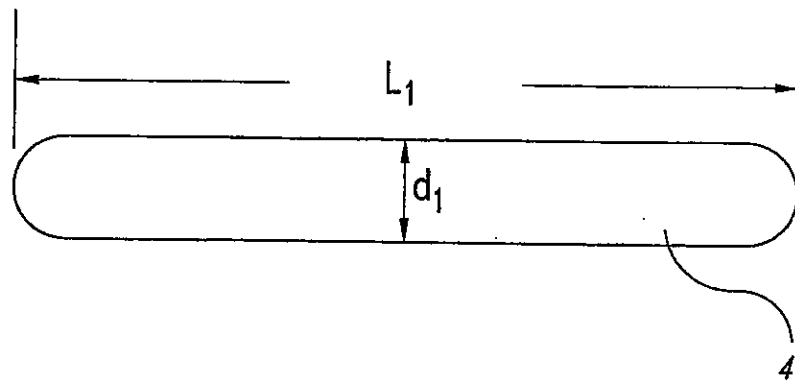
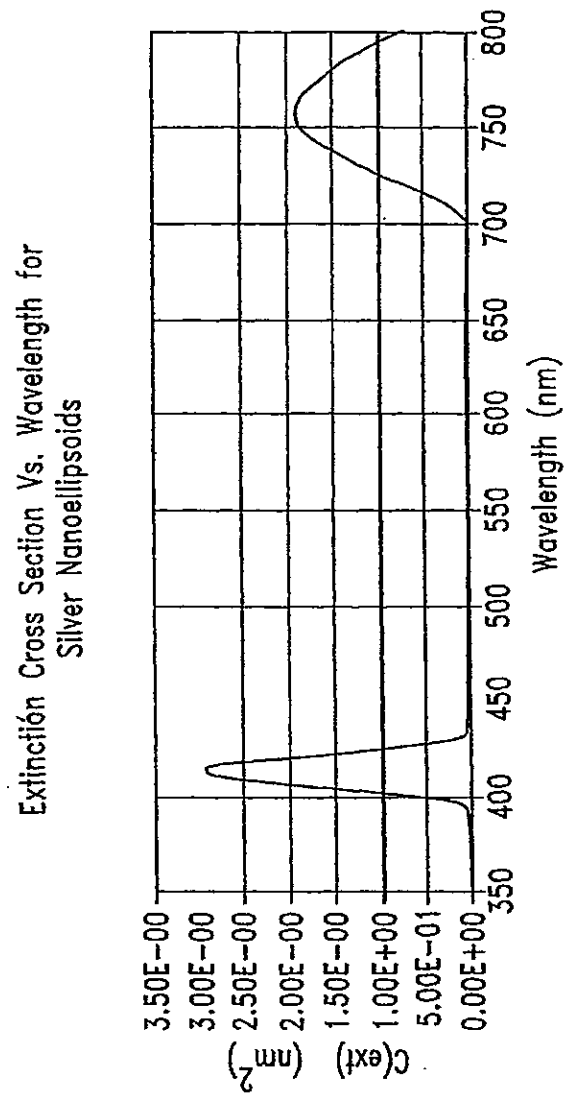
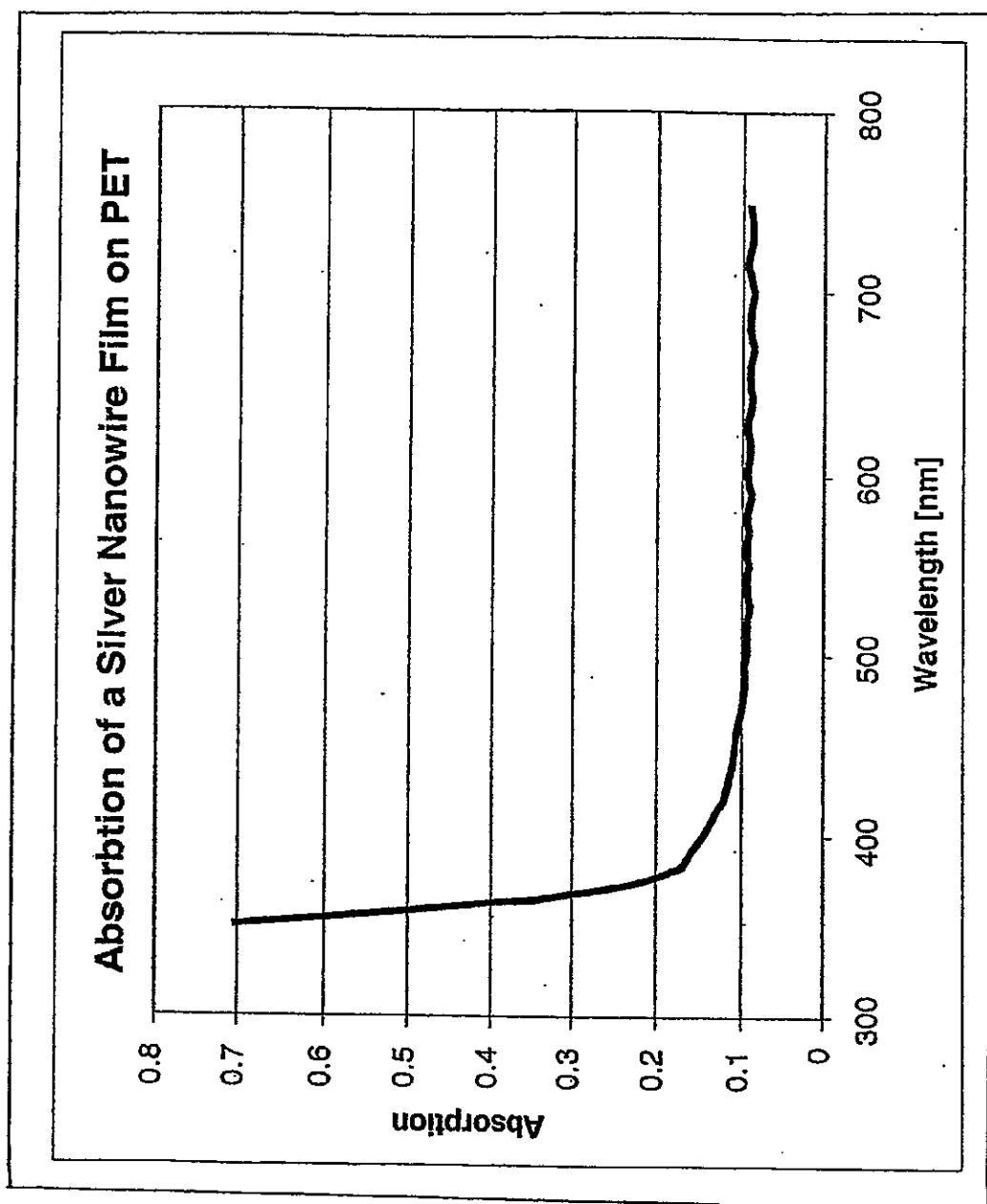
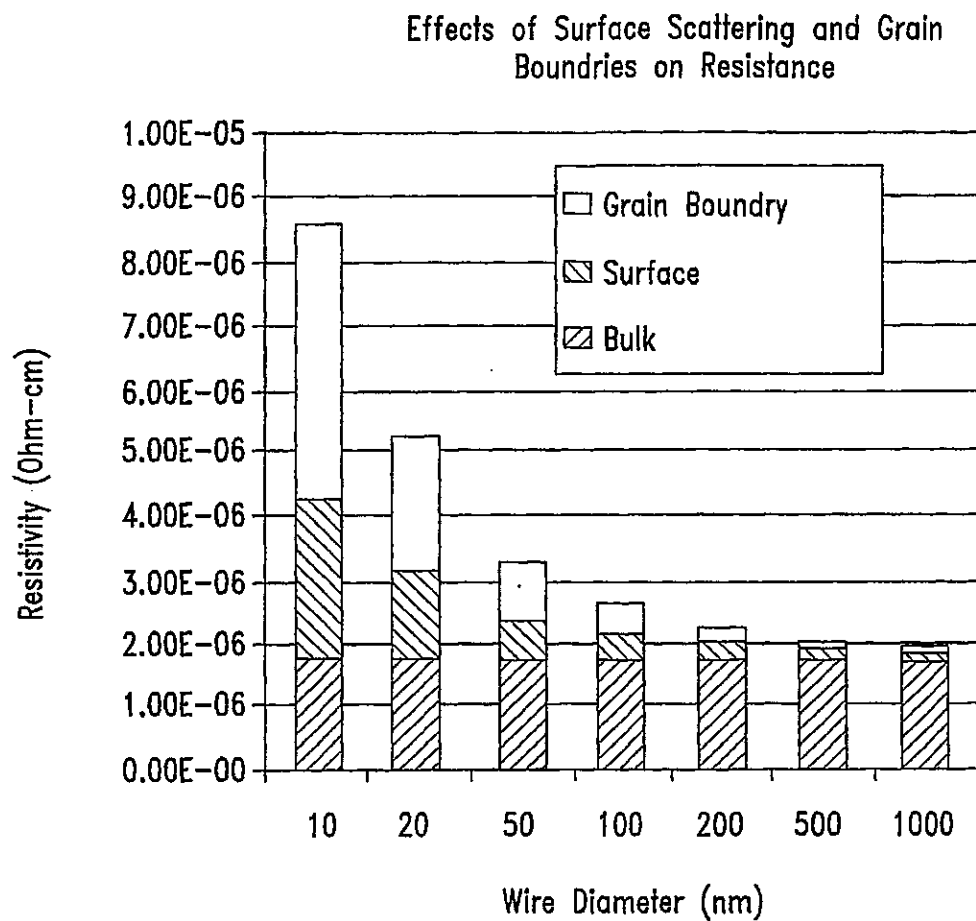


FIG. 1

*FIG. 2*

*FIG. 3*

*FIG. 4*

Effect of Nanowire Diameter on Resistivity

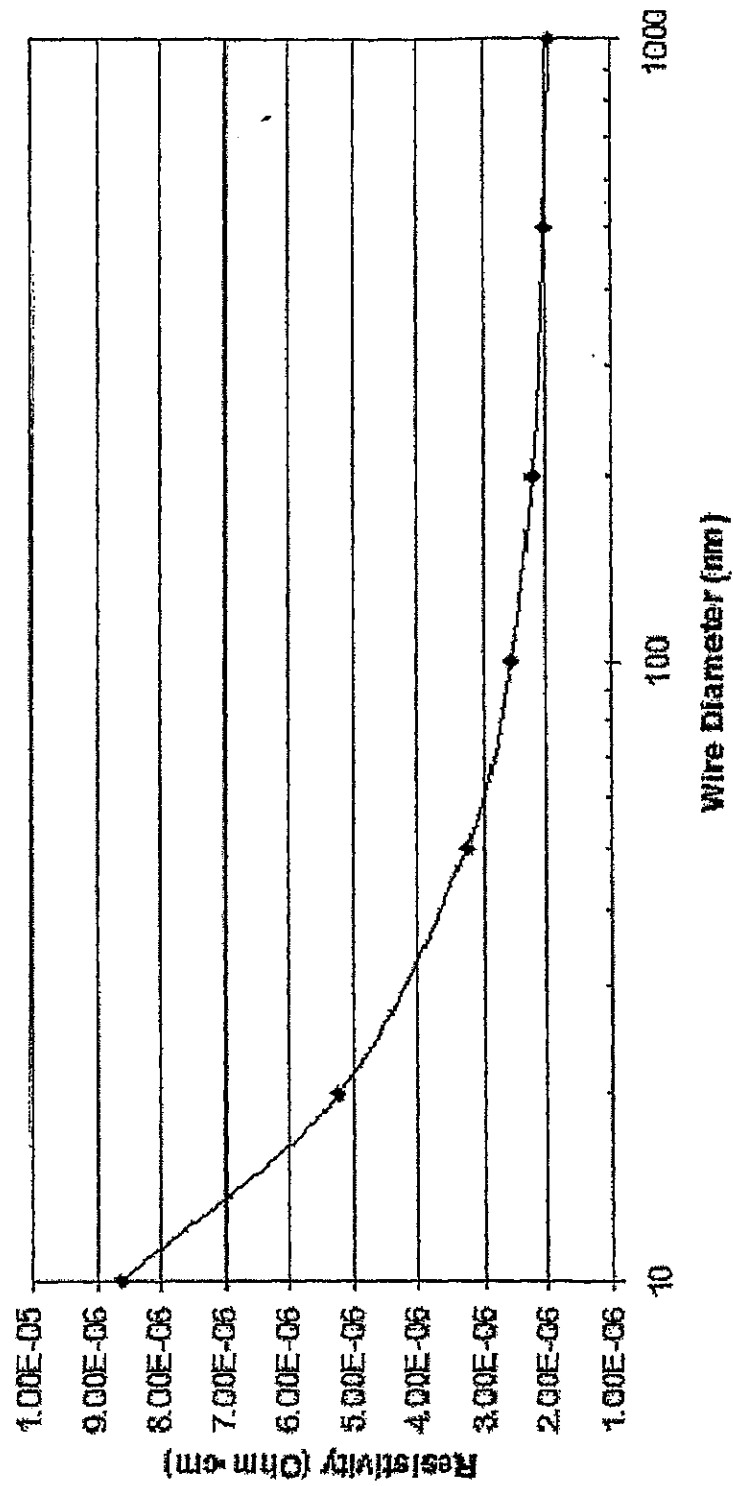
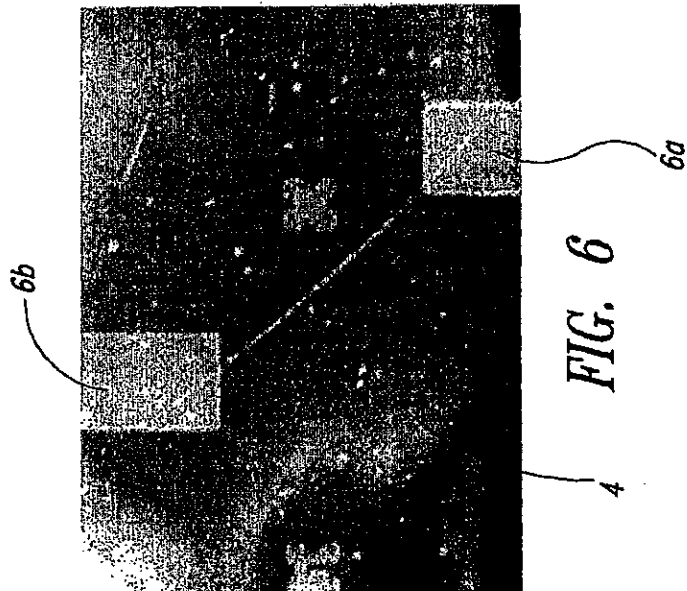


FIG. 5



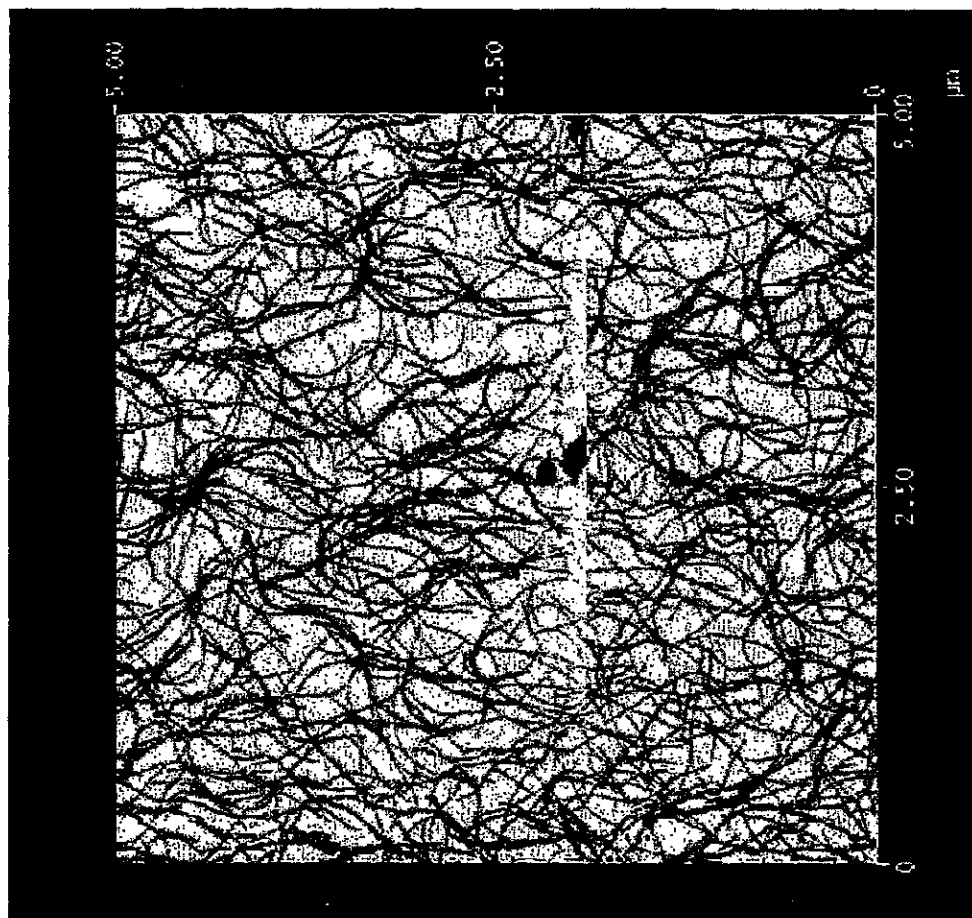


FIG. 7

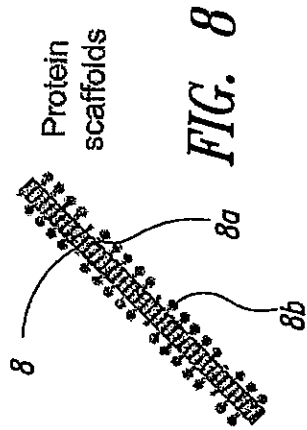


FIG. 8

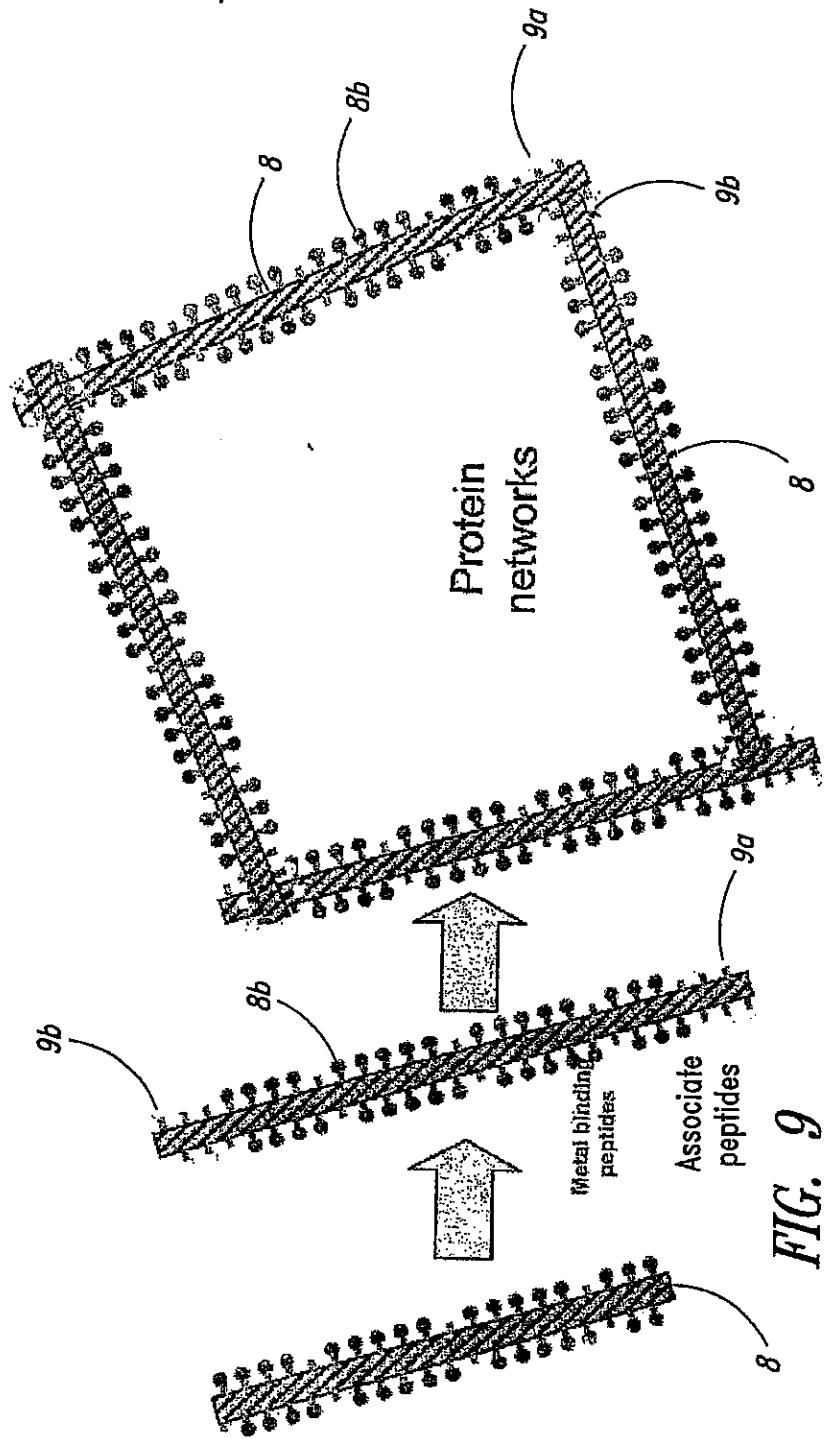


FIG. 9

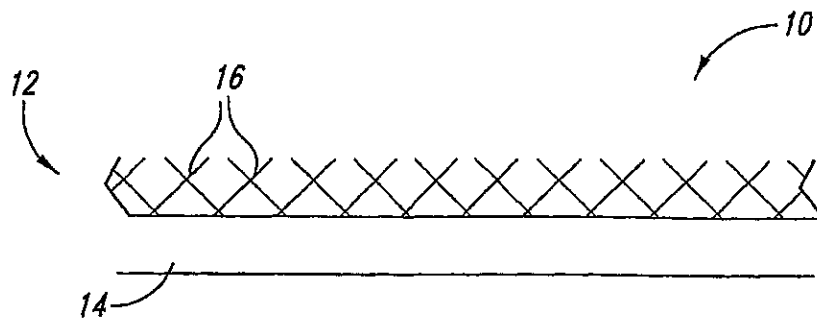


FIG. 10A

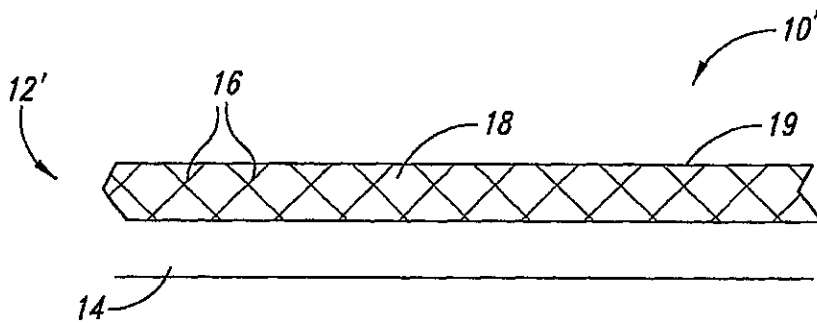


FIG. 10B

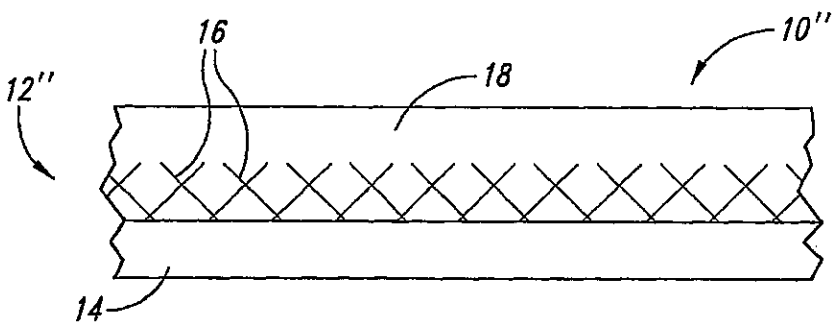


FIG. 10E

10/29

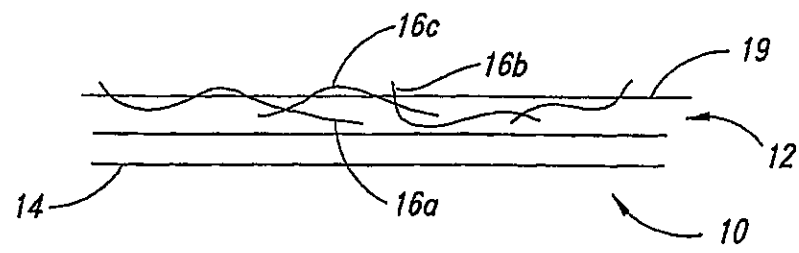


FIG. 10C

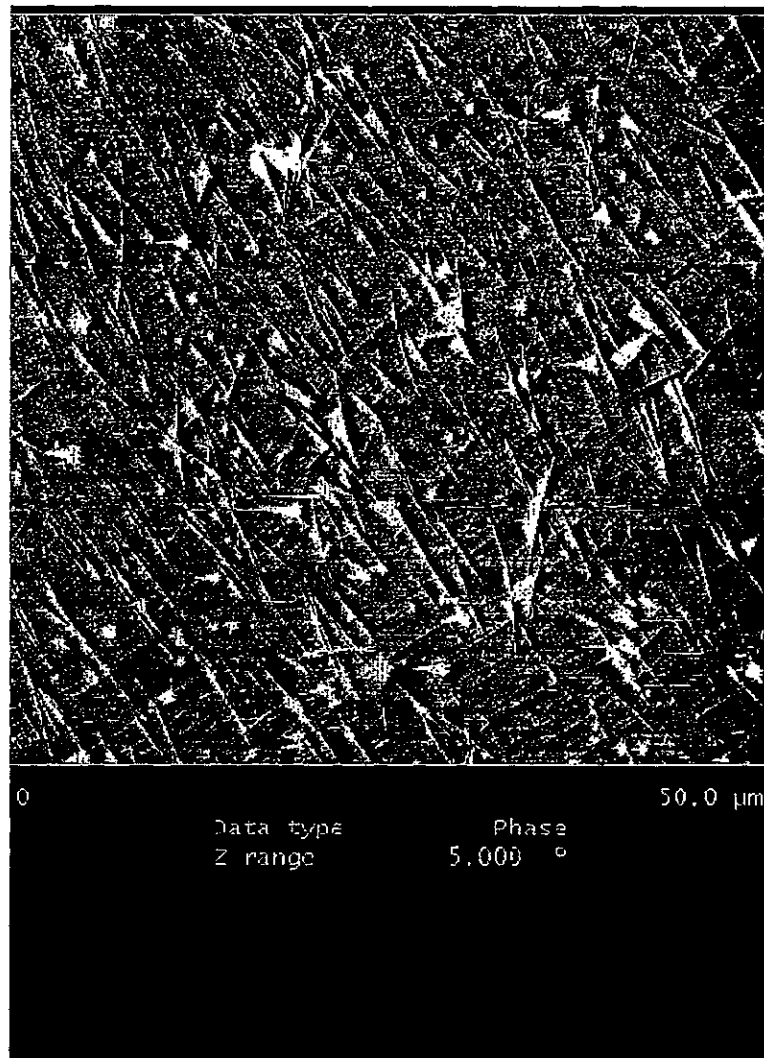


FIG. 10D

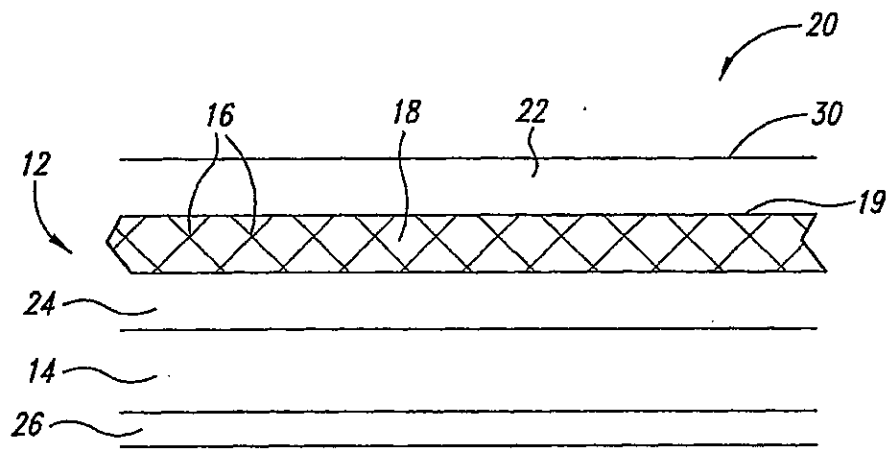


FIG. 11

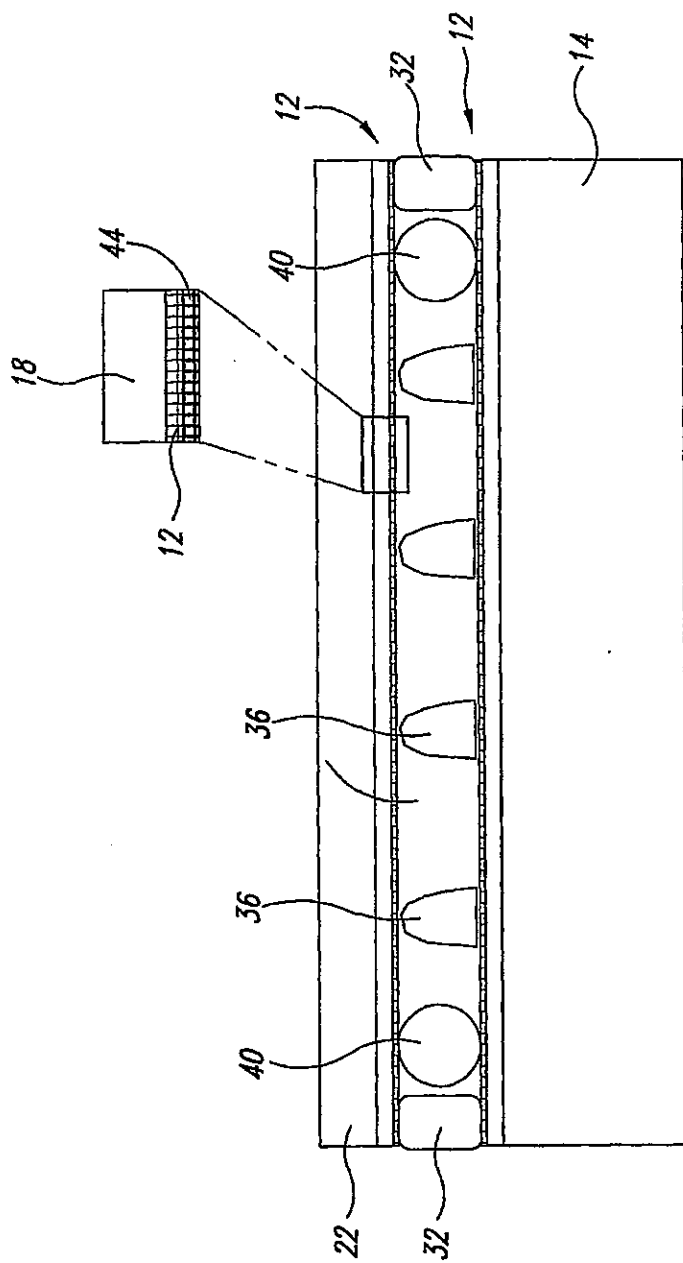


FIG. 12

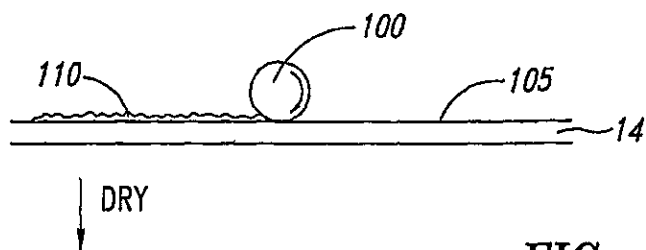
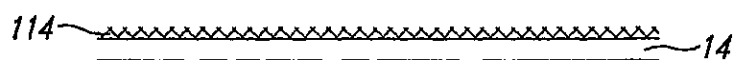
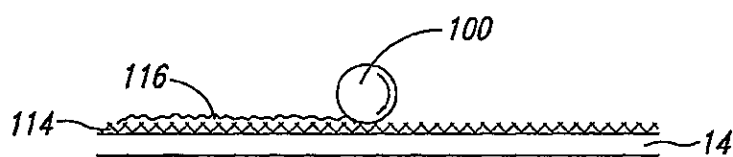


FIG. 13A



COATING MATRIX MATERIAL

FIG. 13B



CURE

FIG. 13C

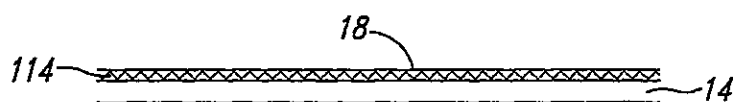


FIG. 13D

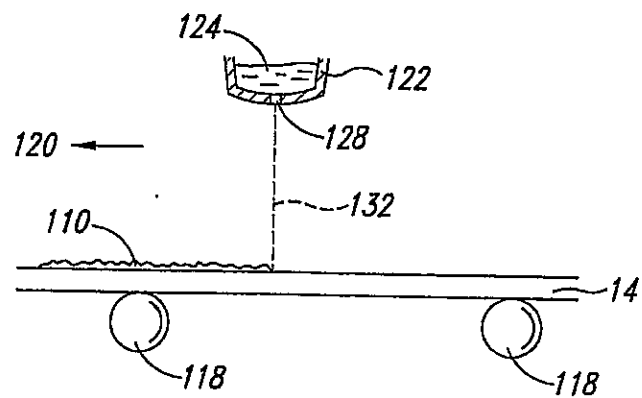


FIG. 14A

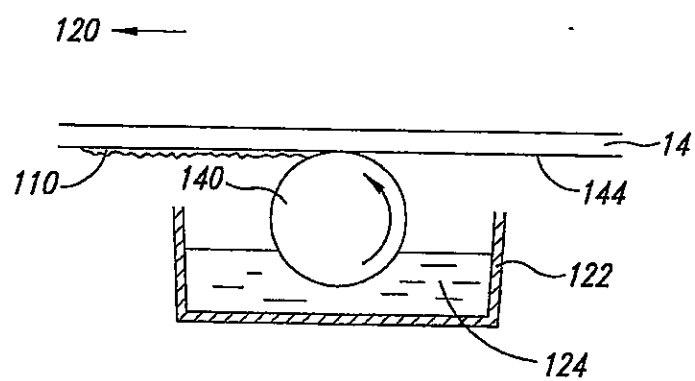


FIG. 14B

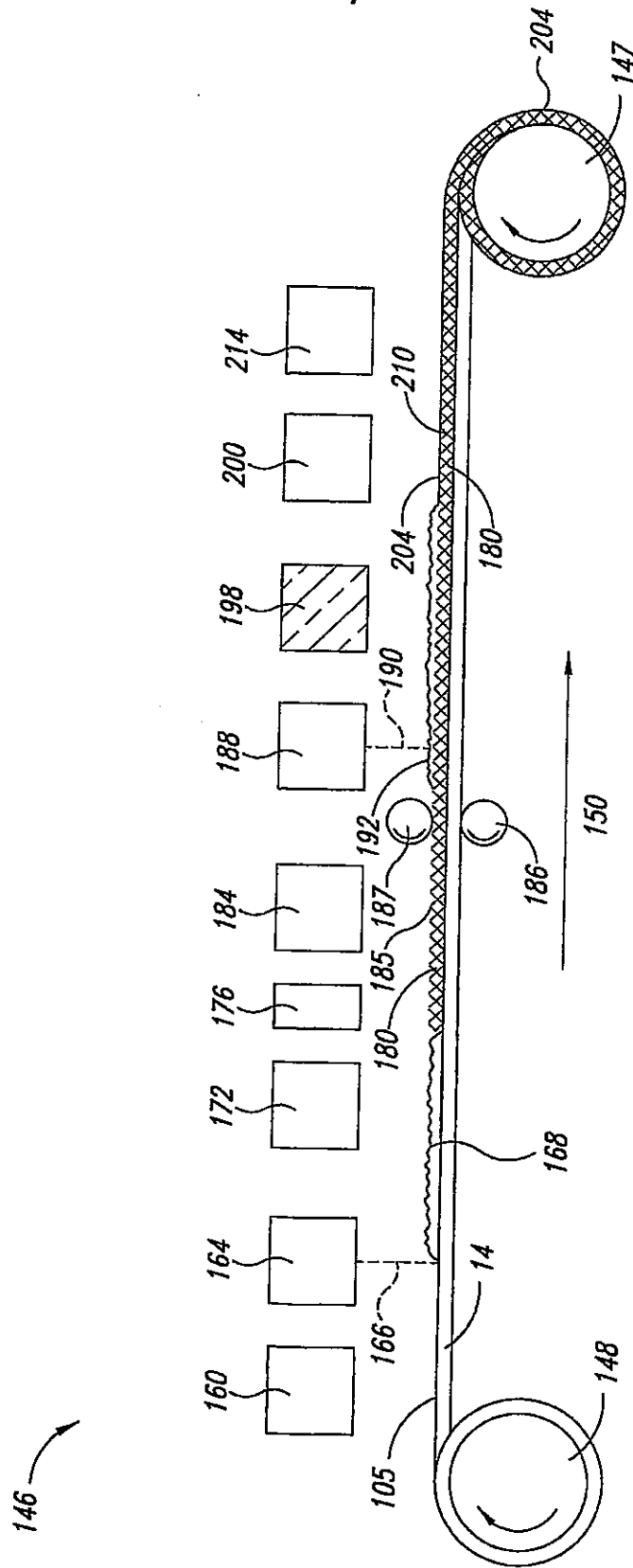


FIG. 15A

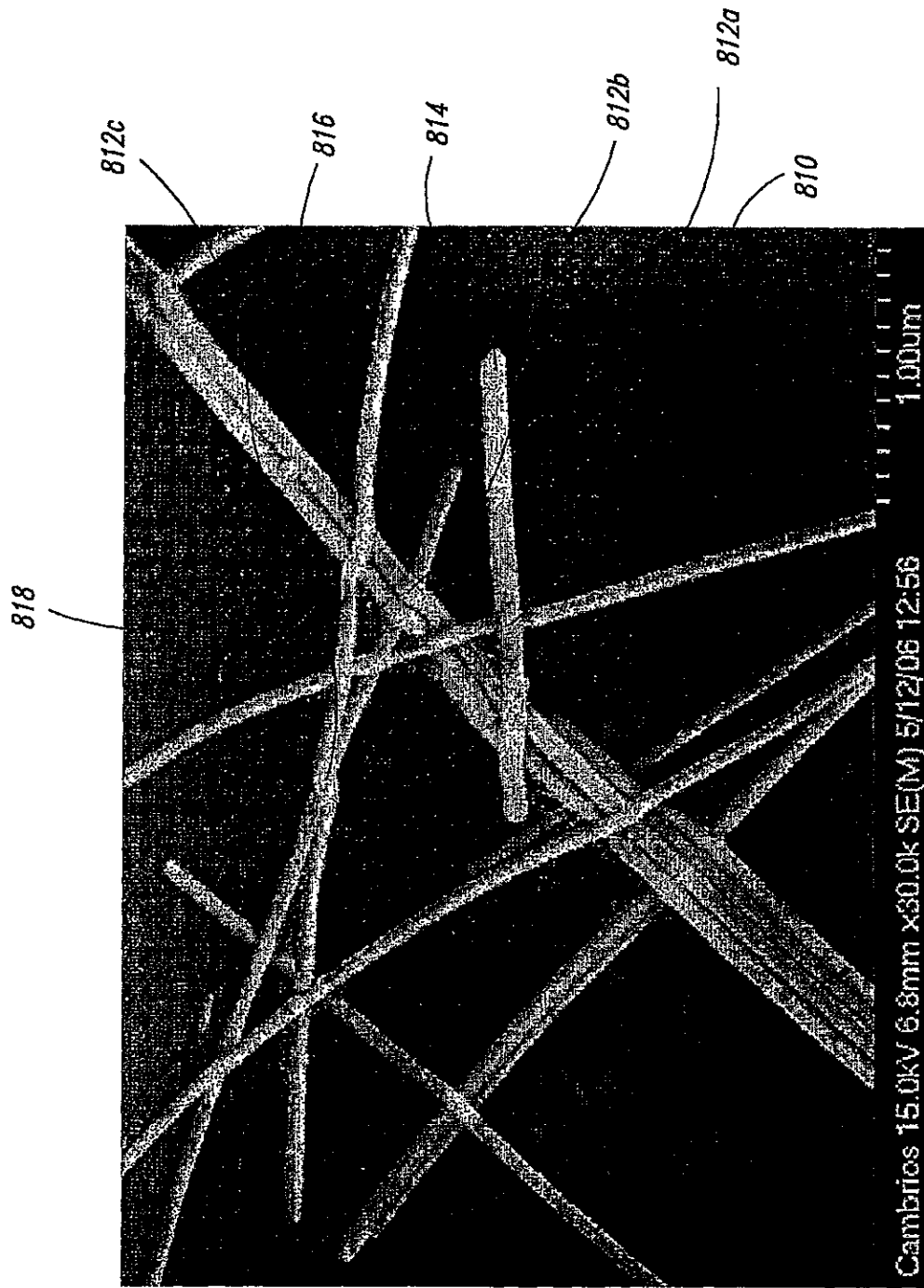


FIG. 15B

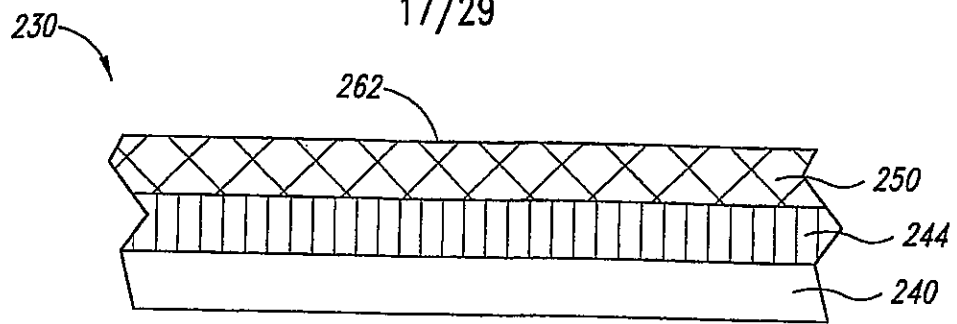


FIG. 16A

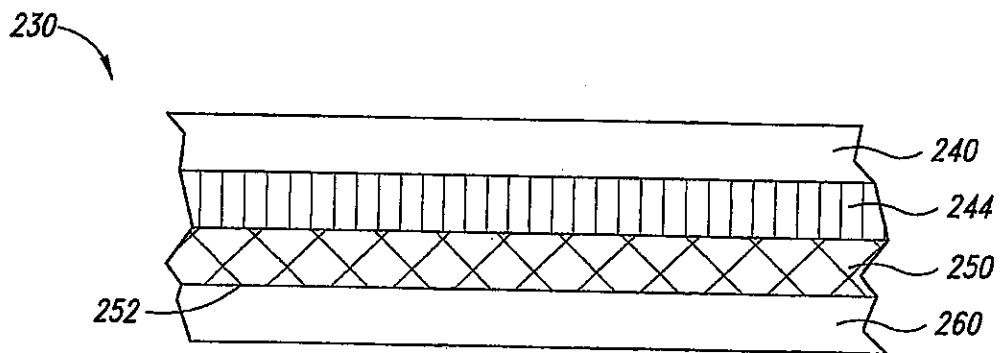


FIG. 16B

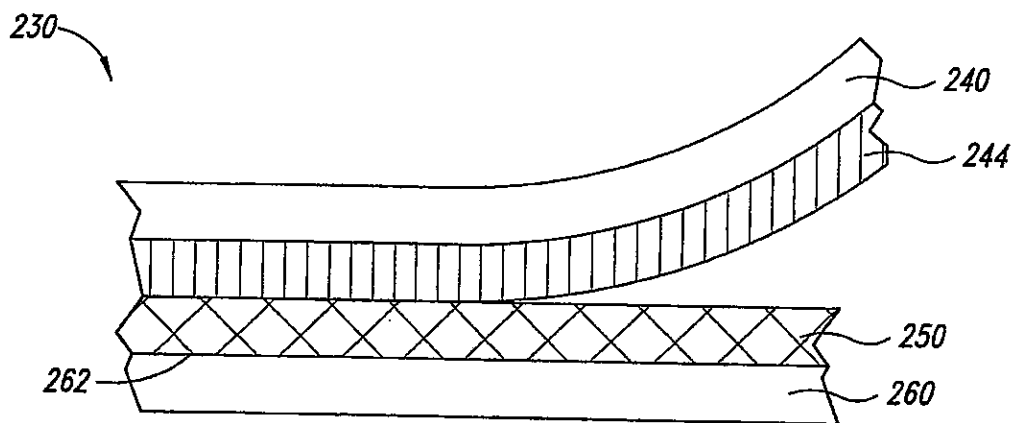


FIG. 16C

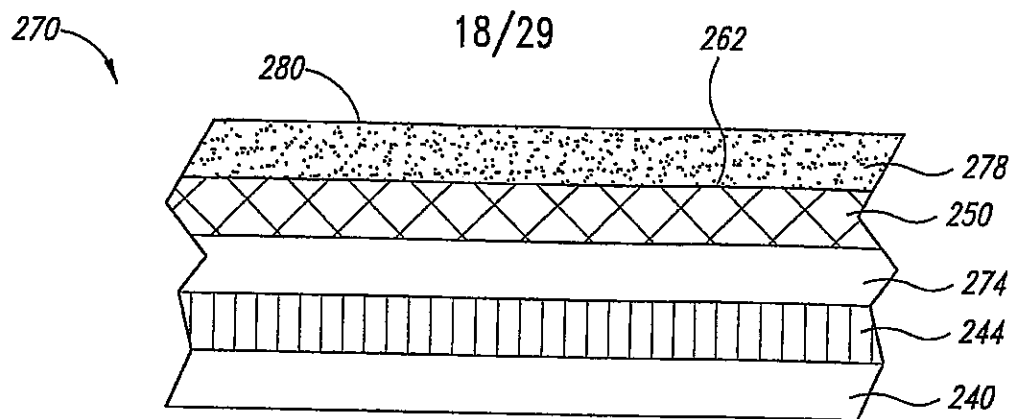


FIG. 17A

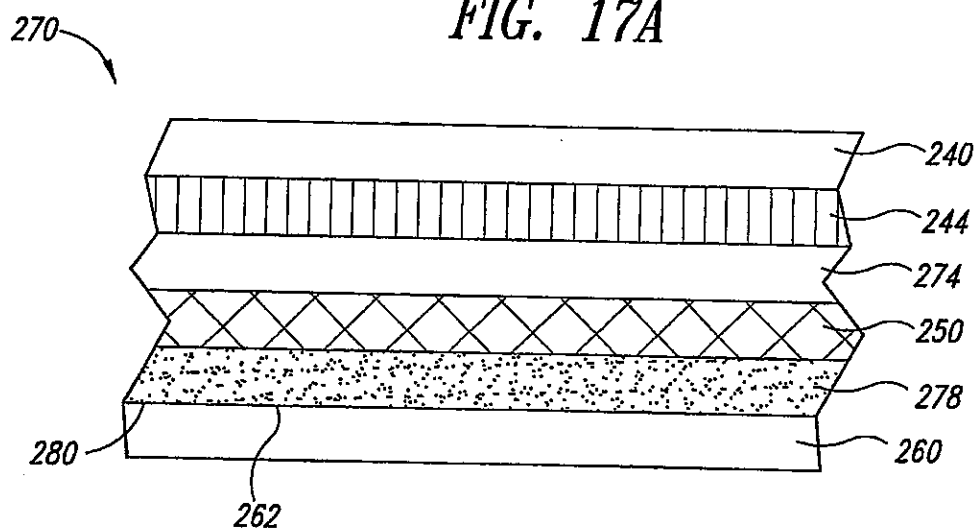


FIG. 17B

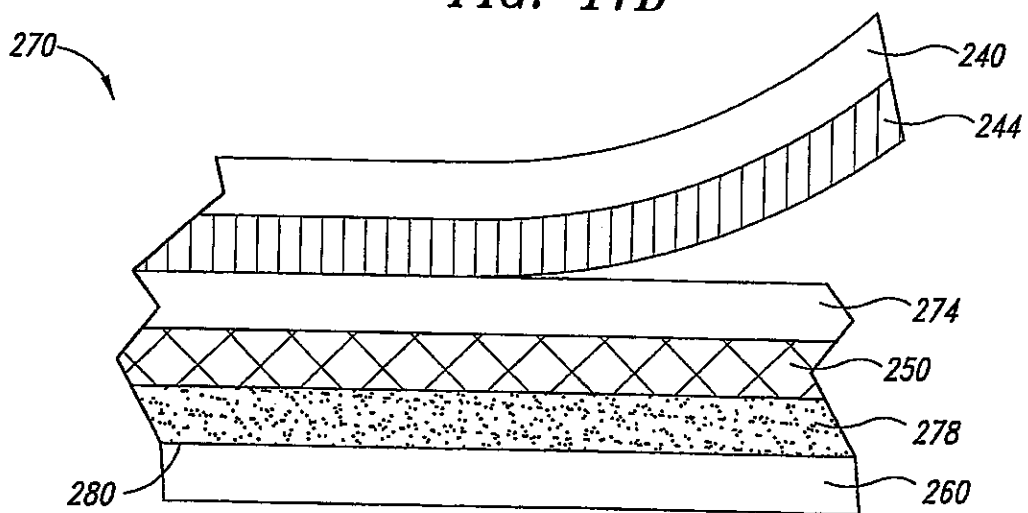


FIG. 17C

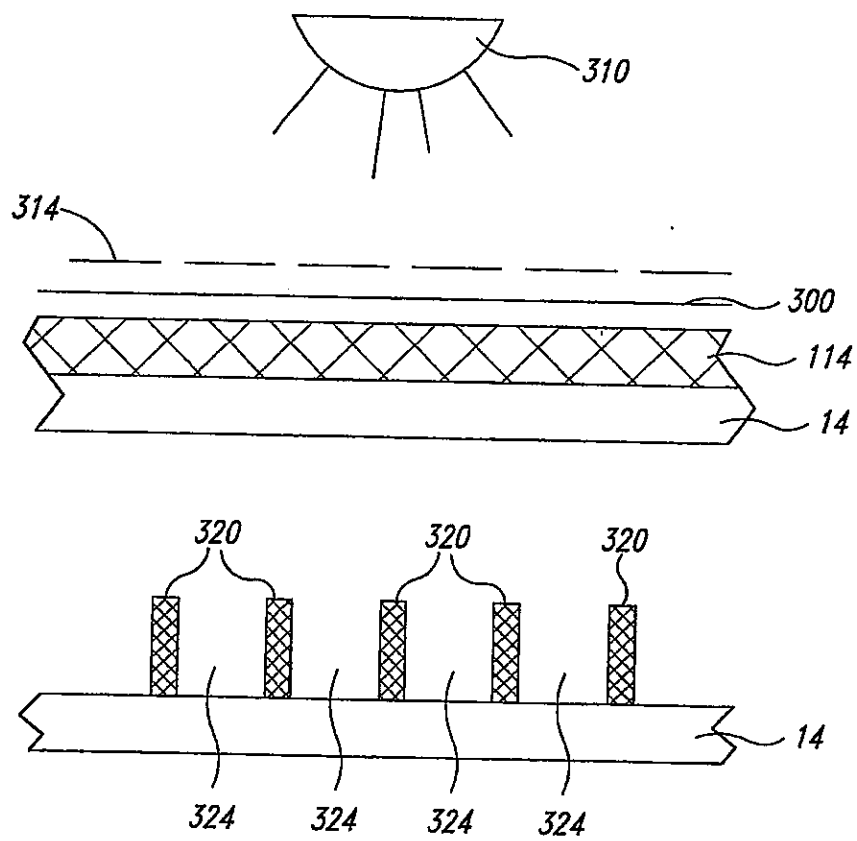
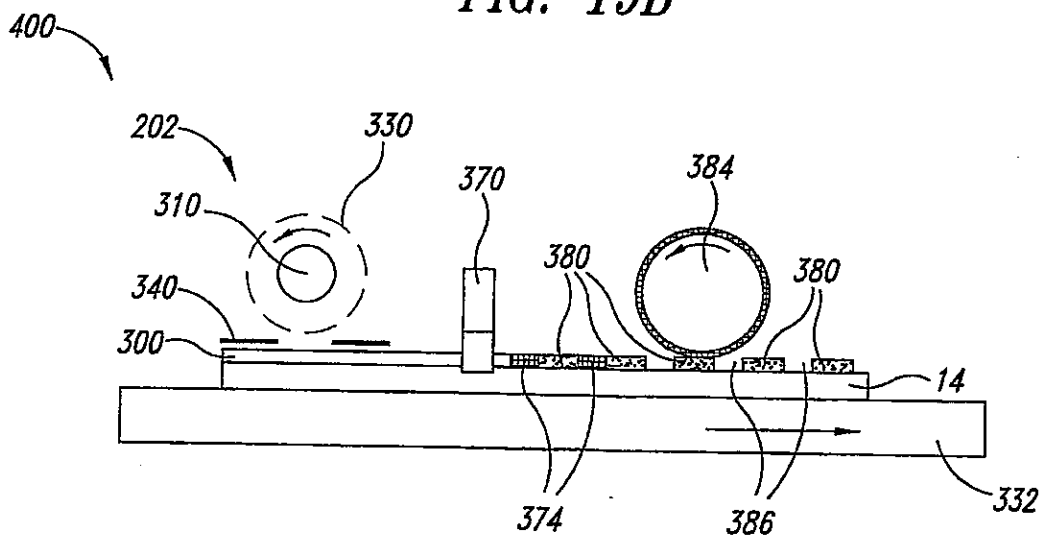
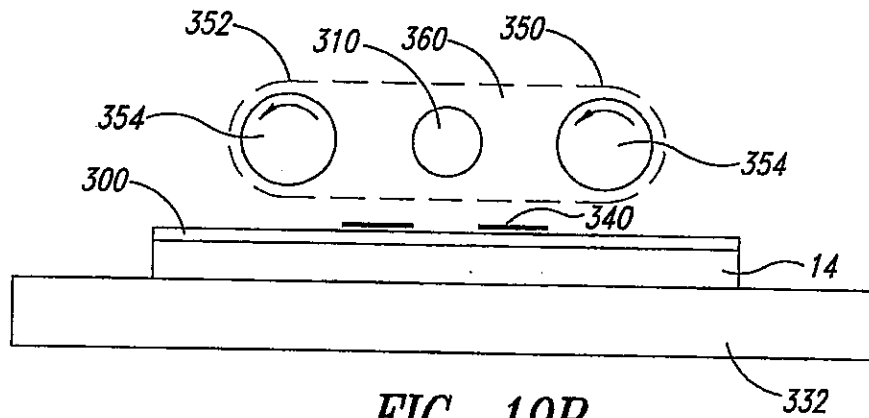
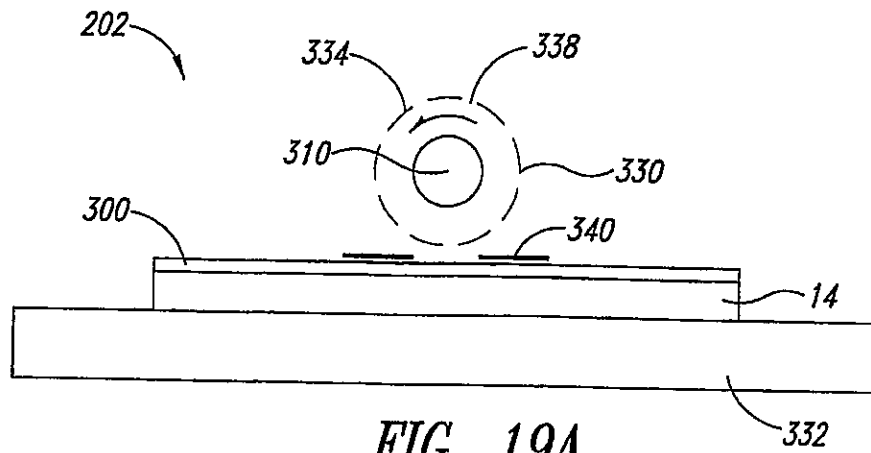


FIG. 18



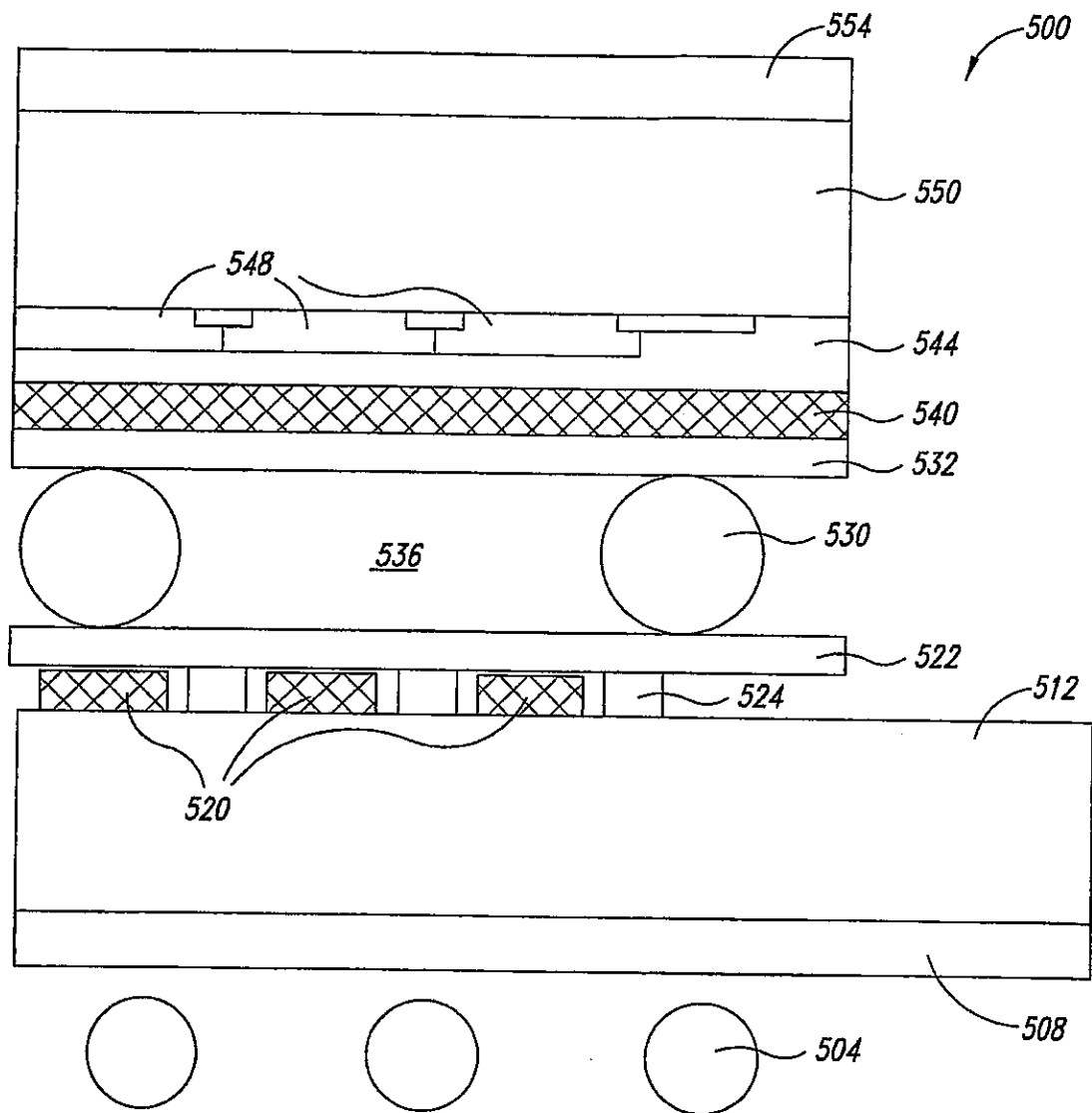


FIG. 21

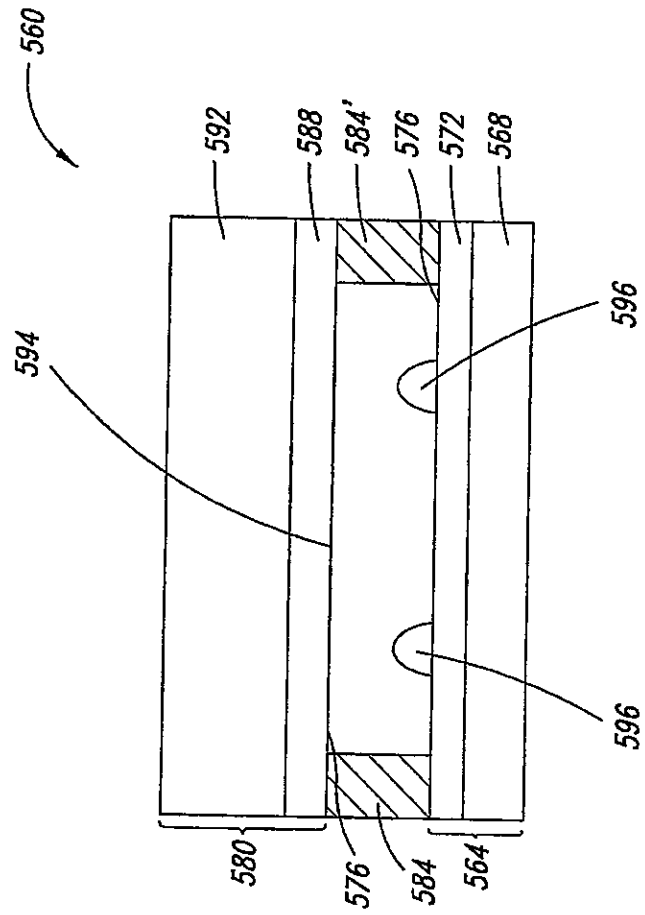


FIG. 22

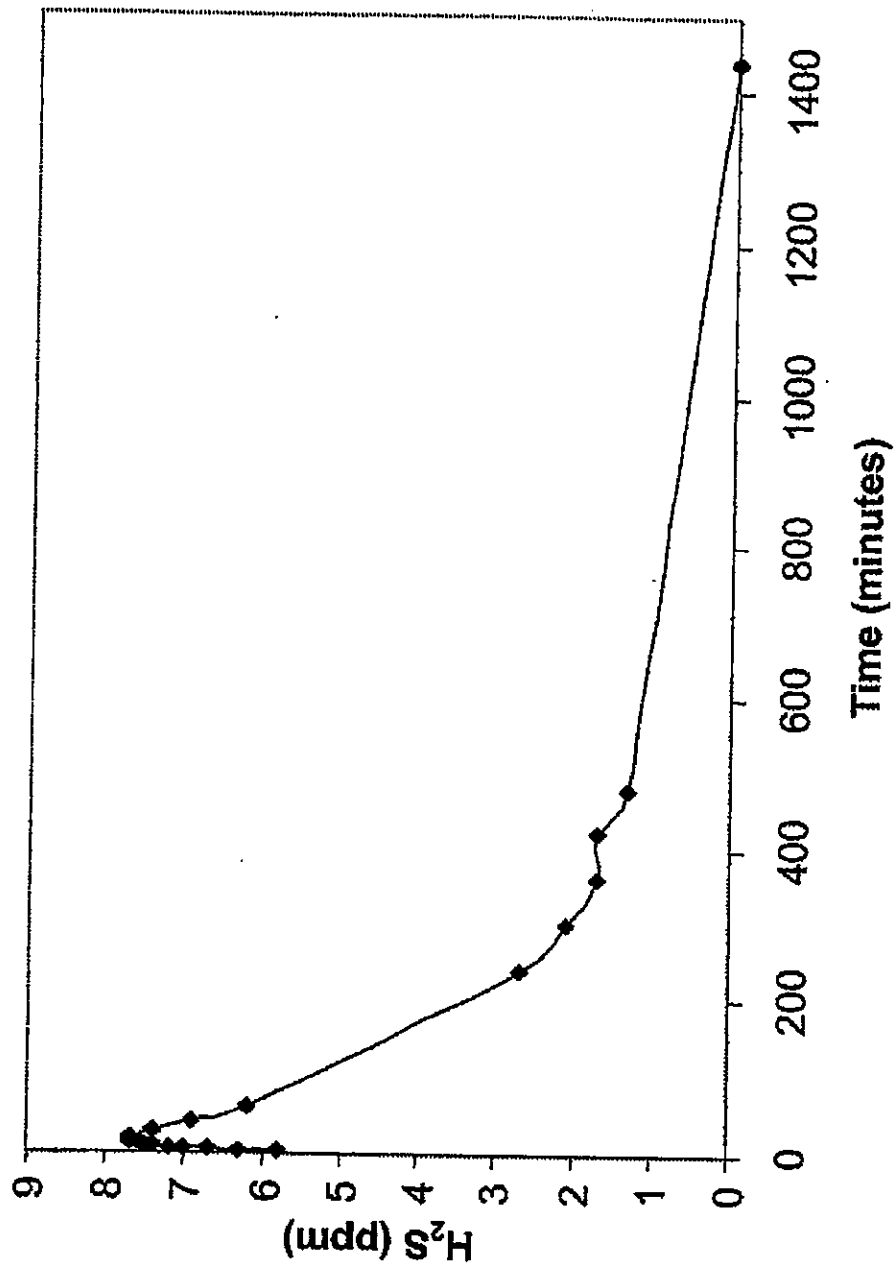


FIG. 23

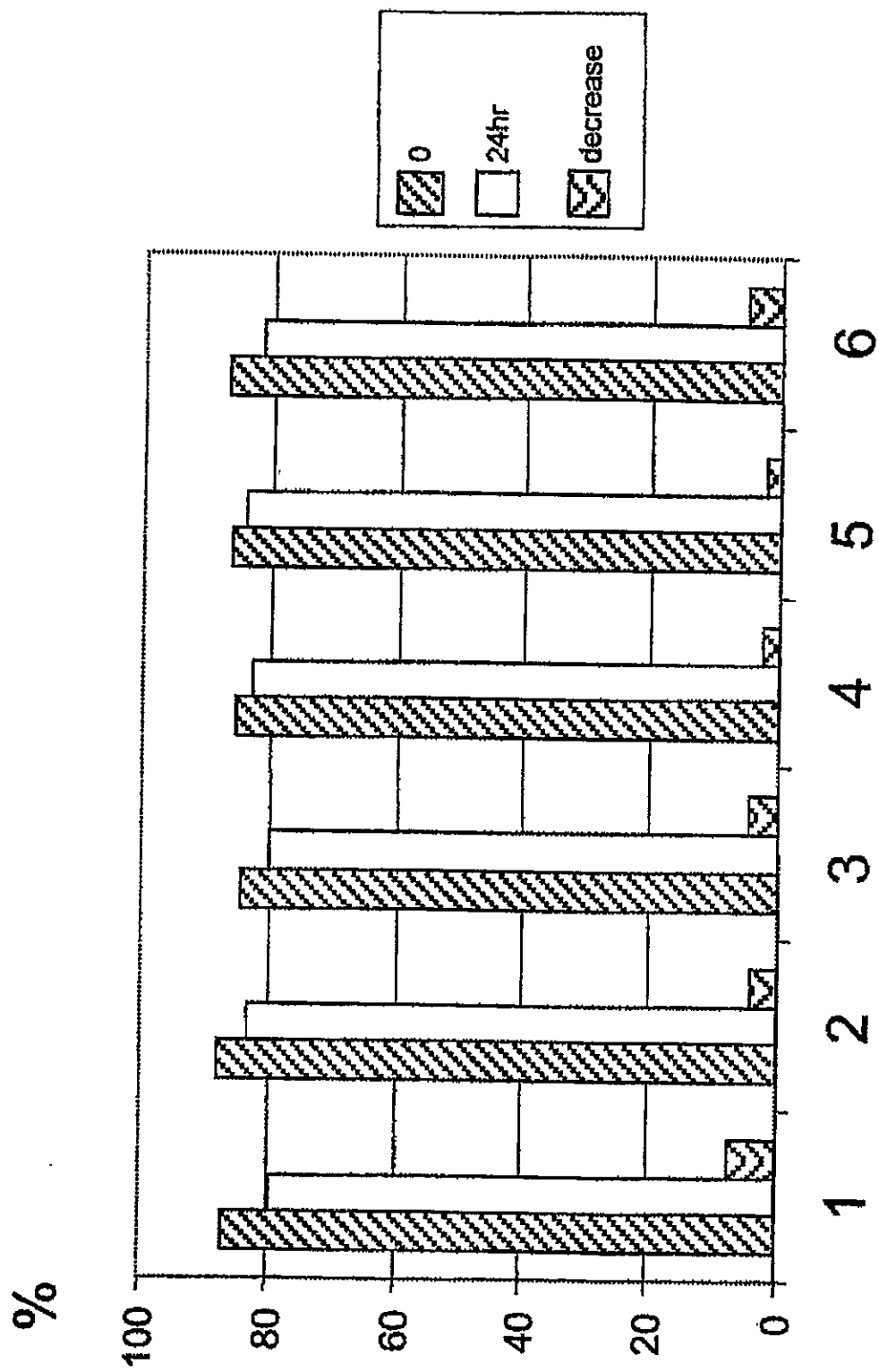


FIG. 24A

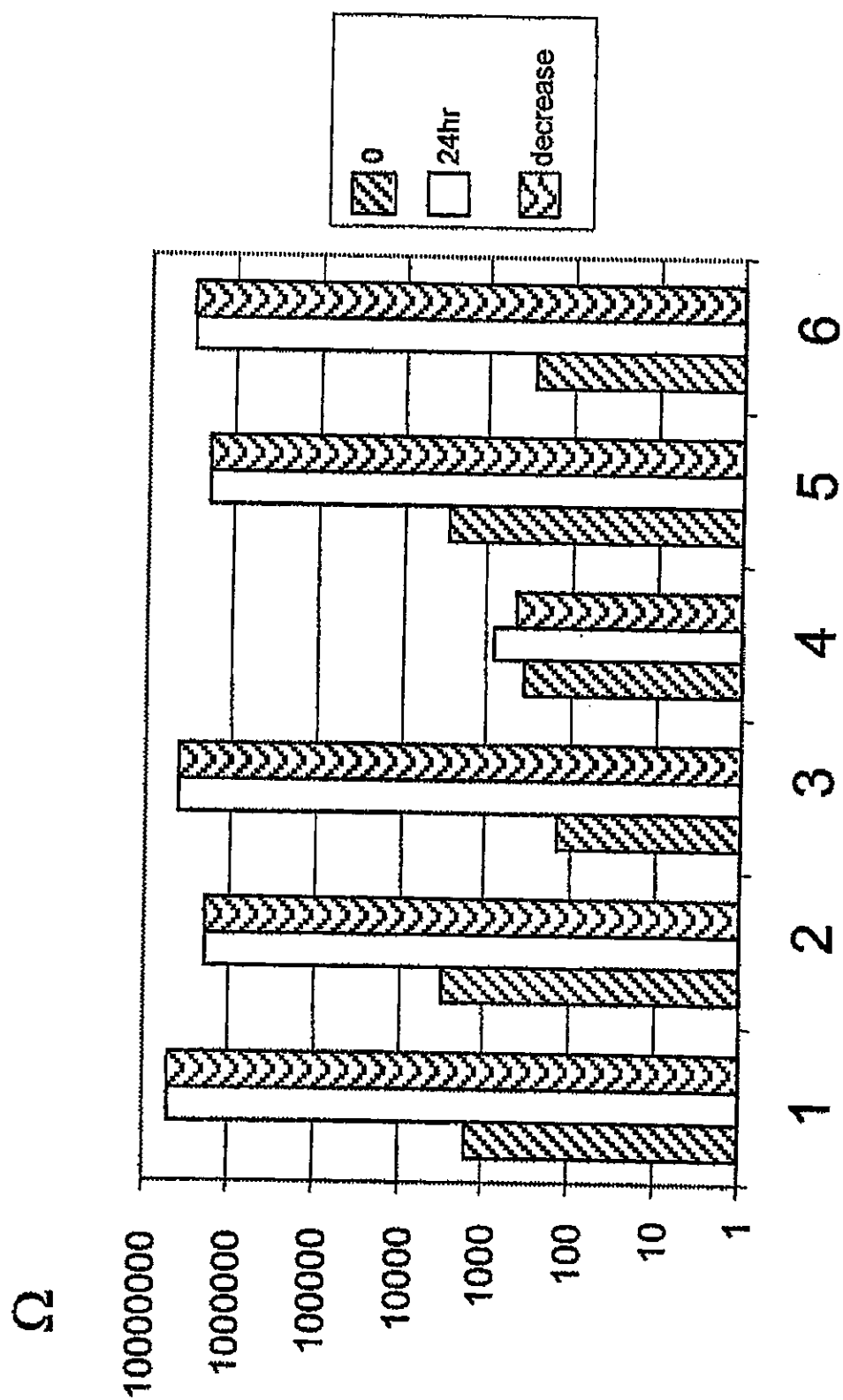


FIG. 24B

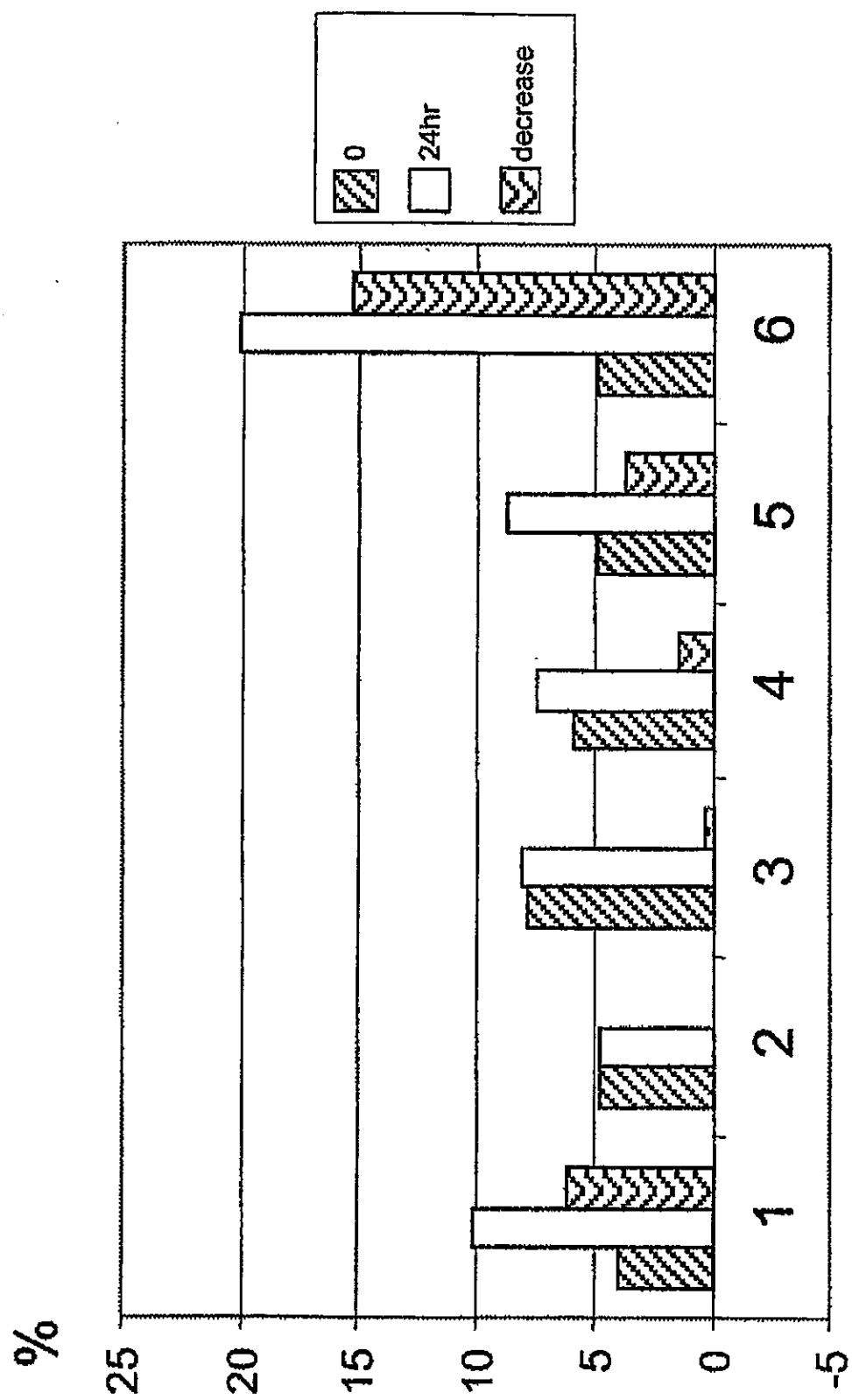


FIG. 24C

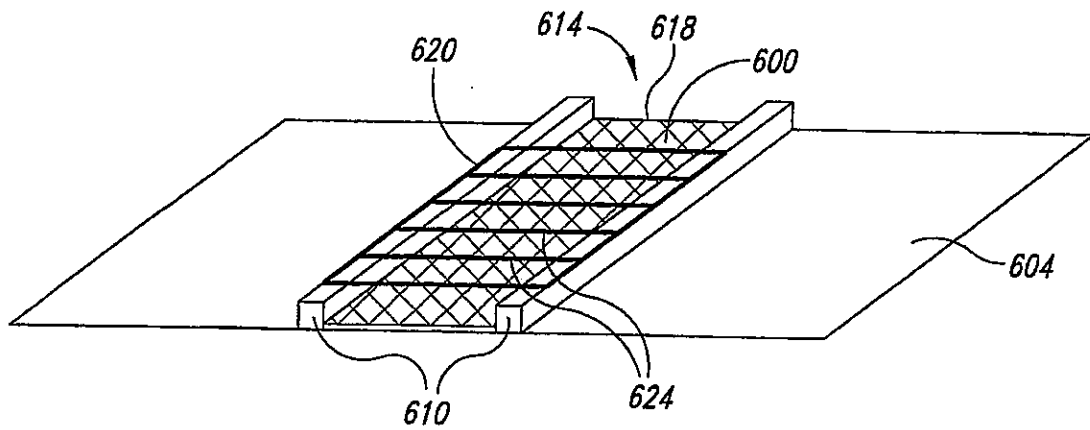


FIG. 25A

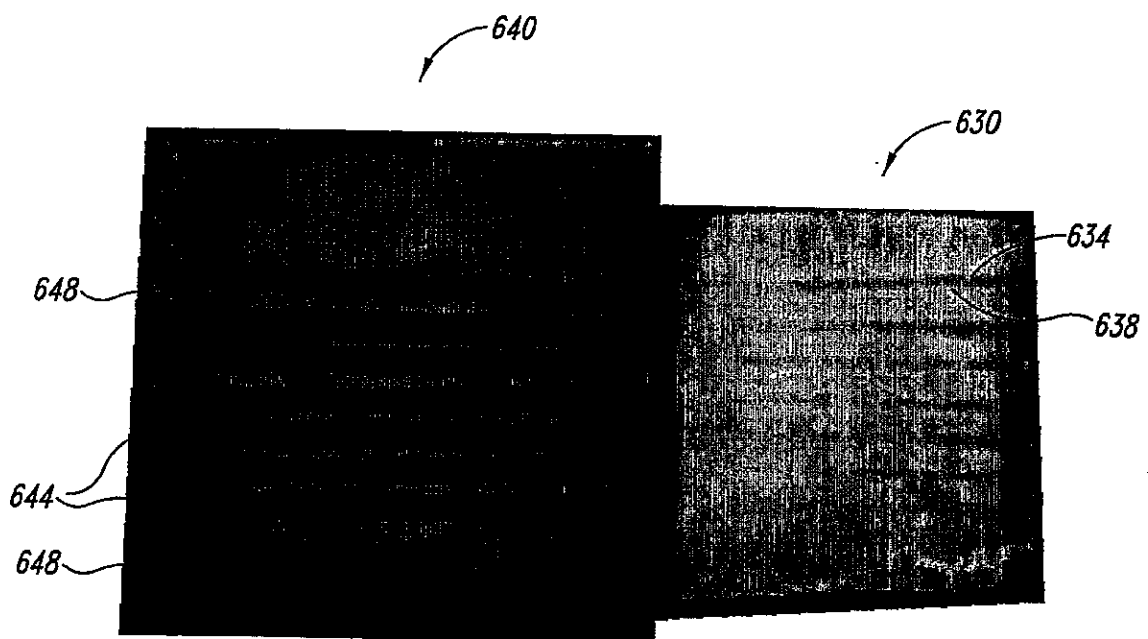
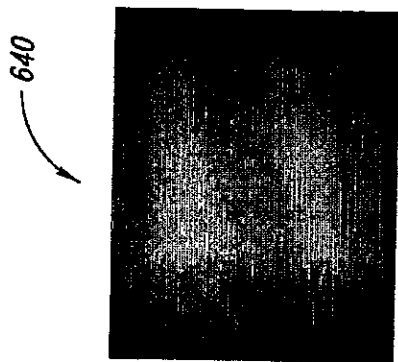
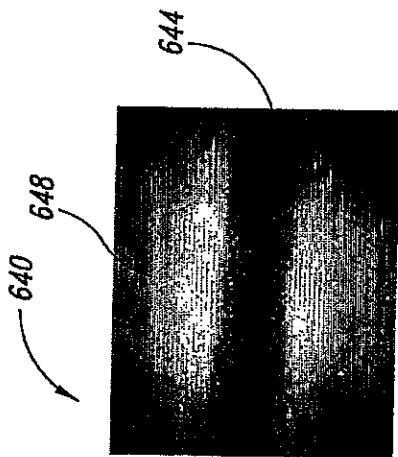


FIG. 25B



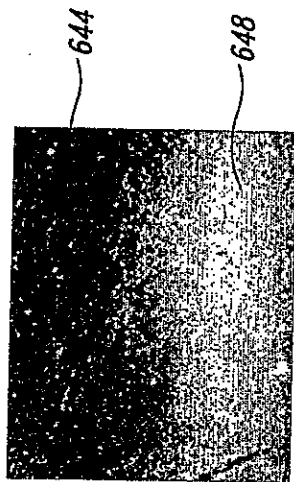
(5X)

FIG. 26A



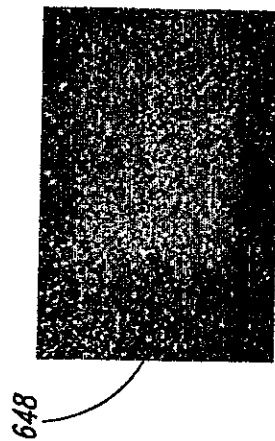
(5X)

FIG. 26B



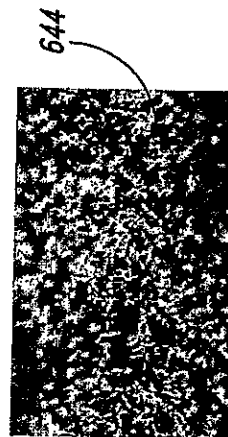
(20X)

FIG. 26C



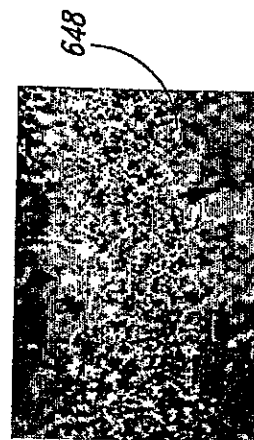
(20X)

FIG. 26D



(100X)

FIG. 26E



(100X)

FIG. 26F

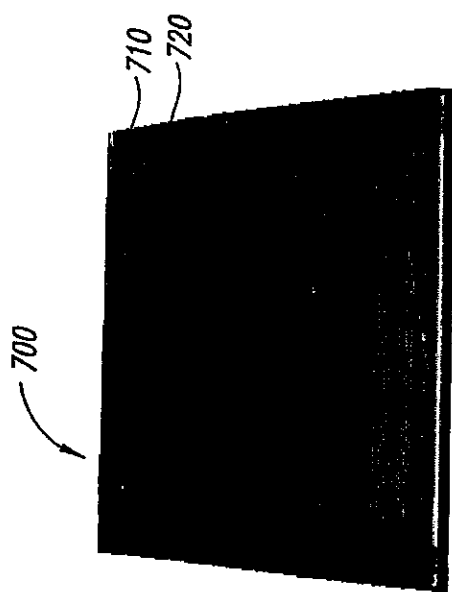


FIG. 27A

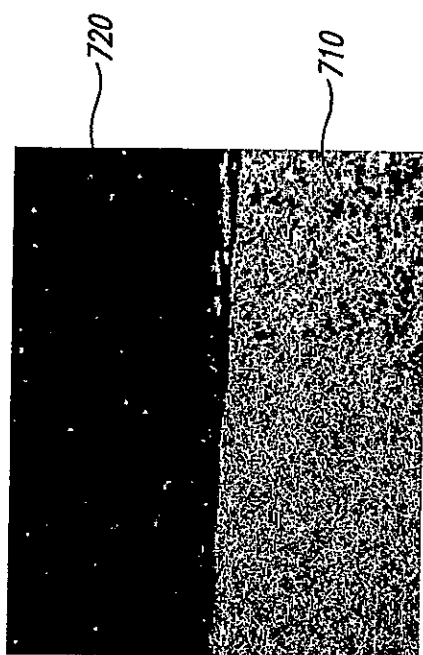


FIG. 27C

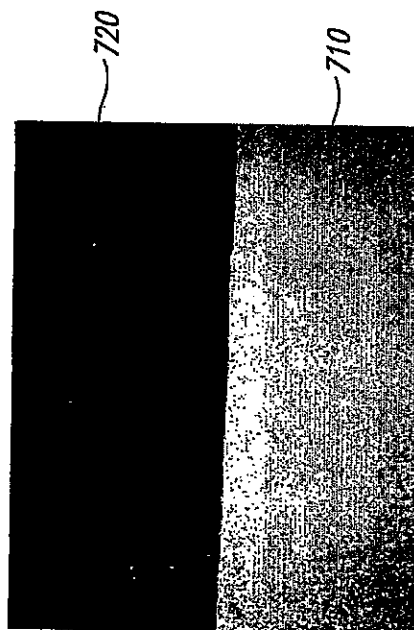


FIG. 27B

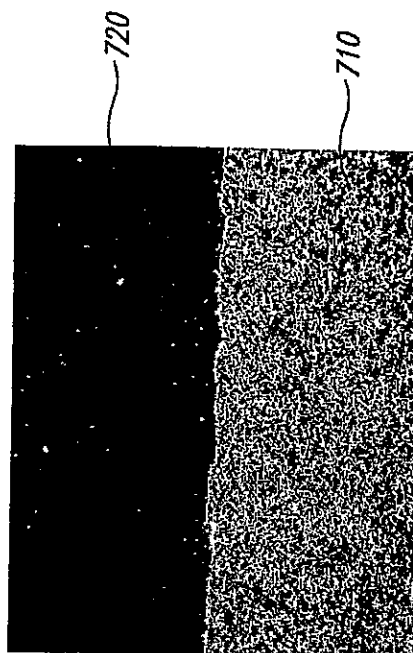


FIG. 27D