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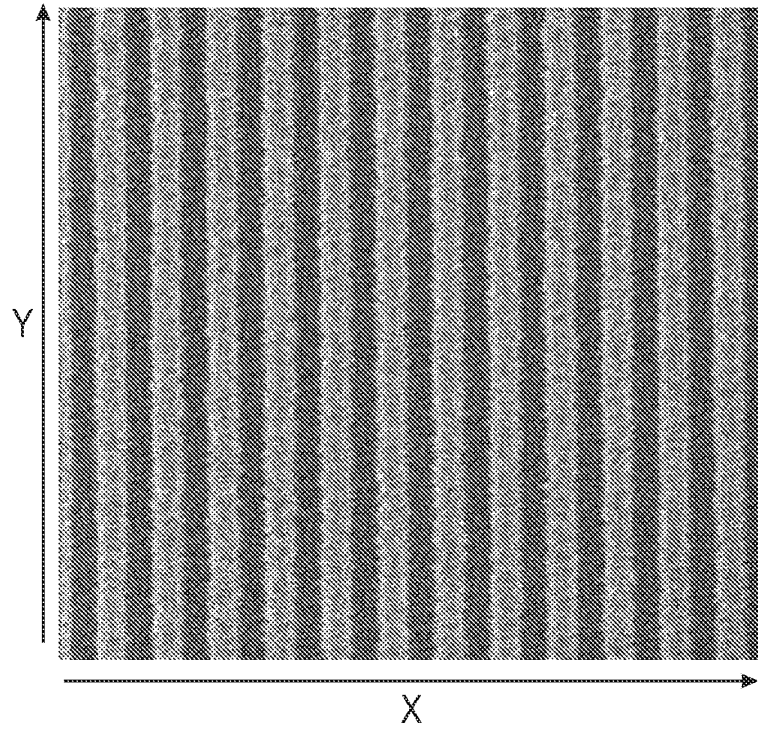


FIG. 1A

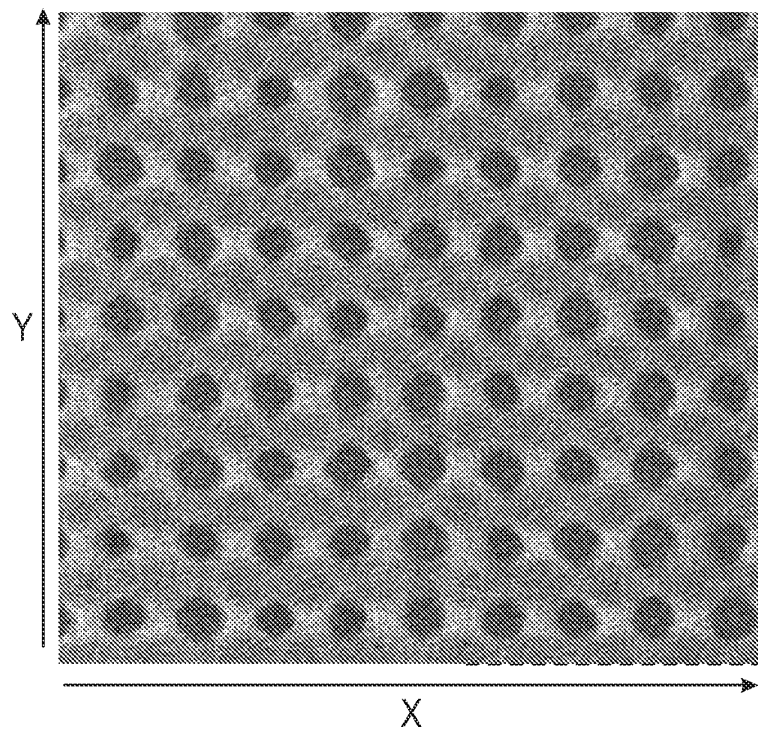


FIG. 1B

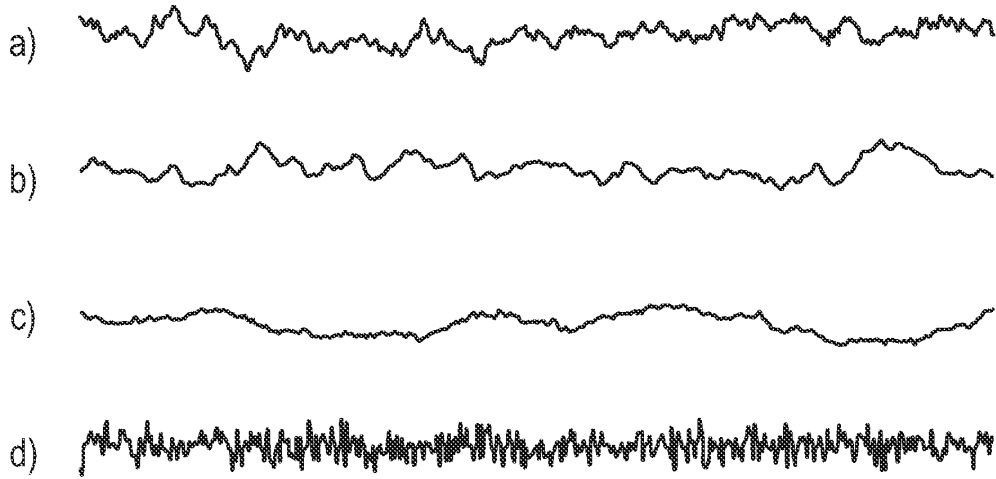
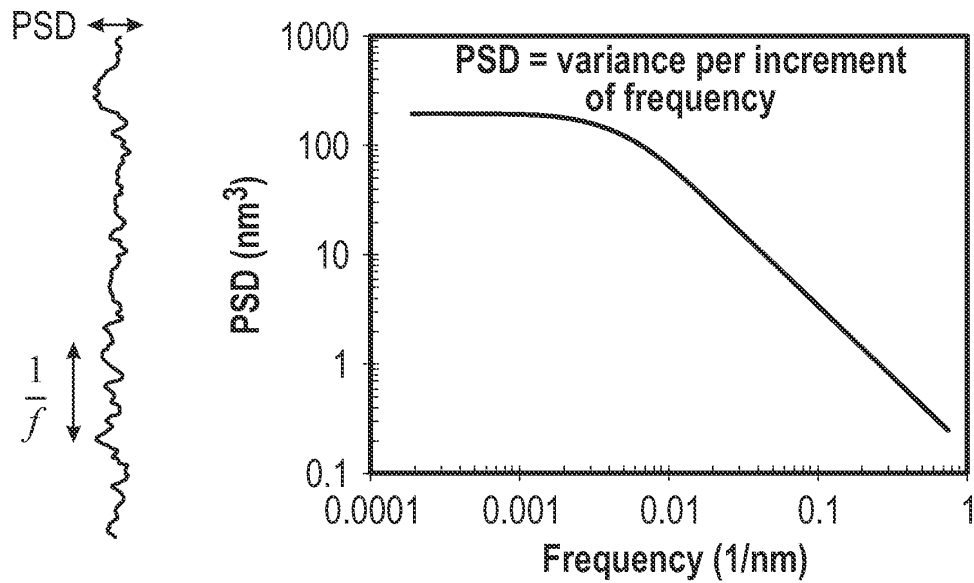


FIG. 2



POWER SPECTRAL DENSITY (PSD) VS. FREQUENCY FOR
SAMPLE WITH ROUGH EDGE

FIG. 3

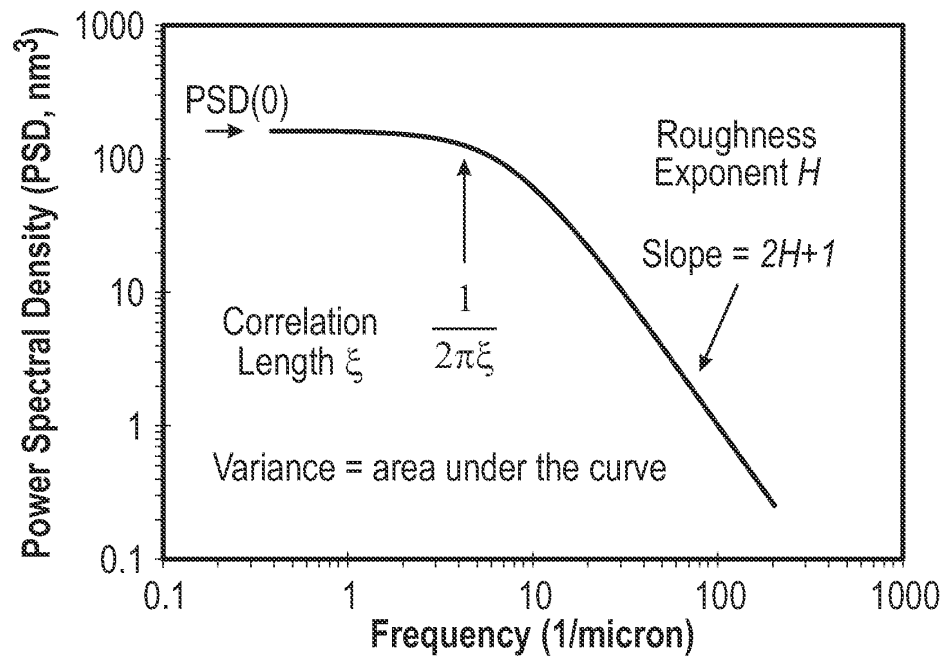


FIG. 4

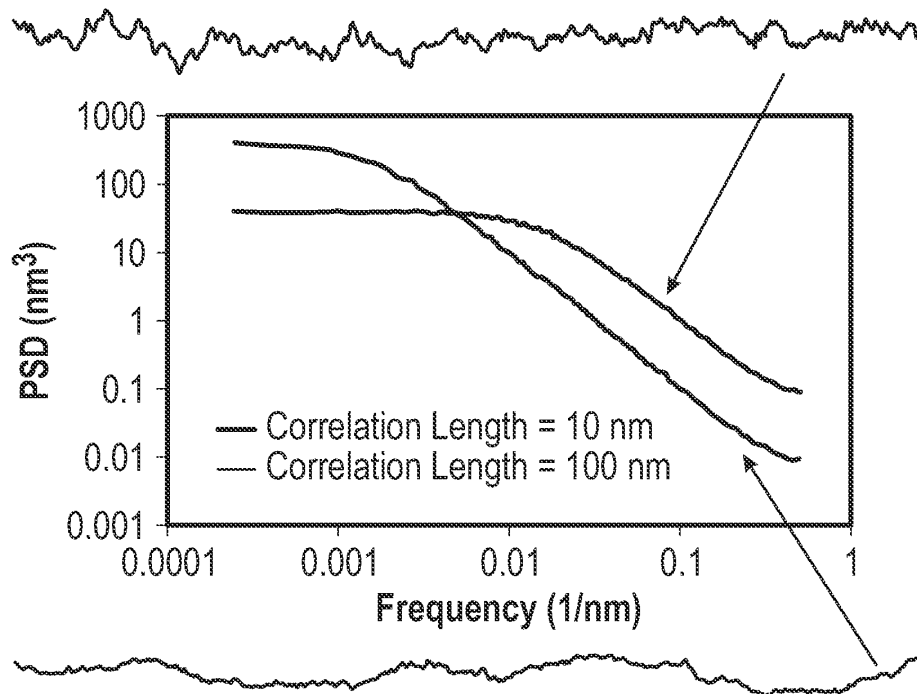


FIG. 5

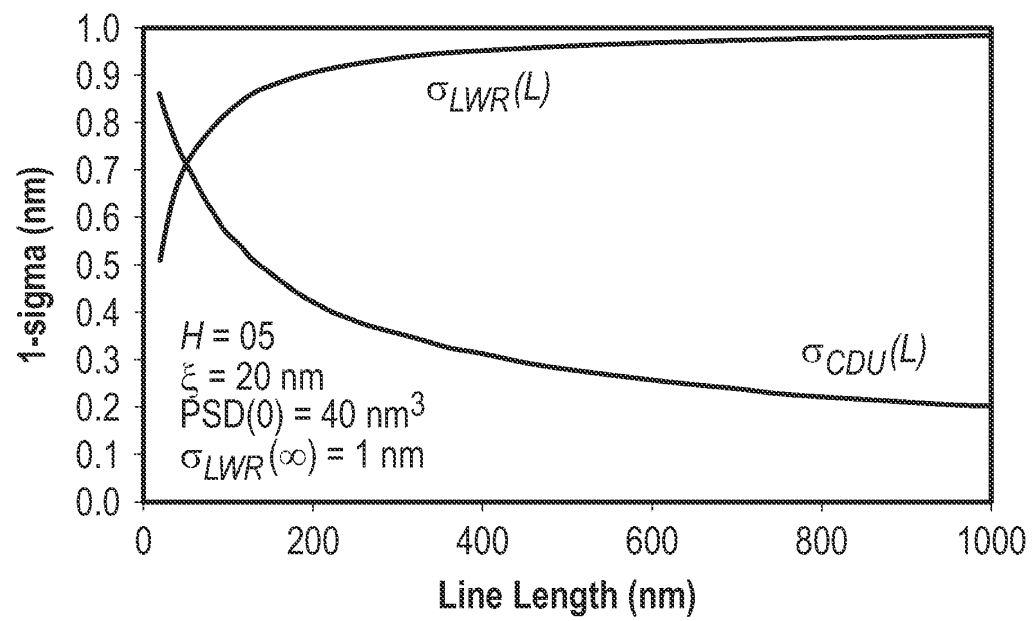


FIG. 6

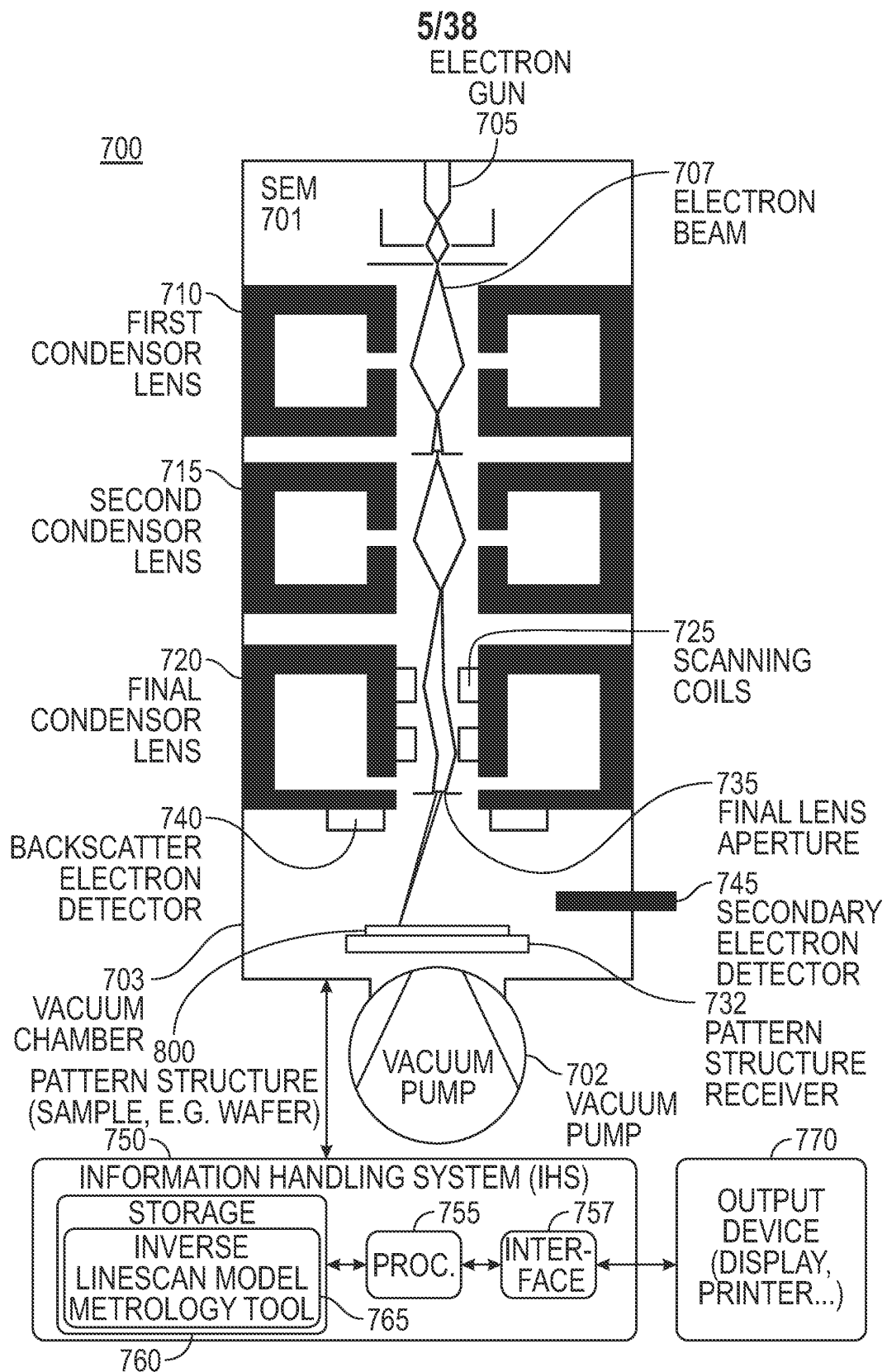


FIG. 7

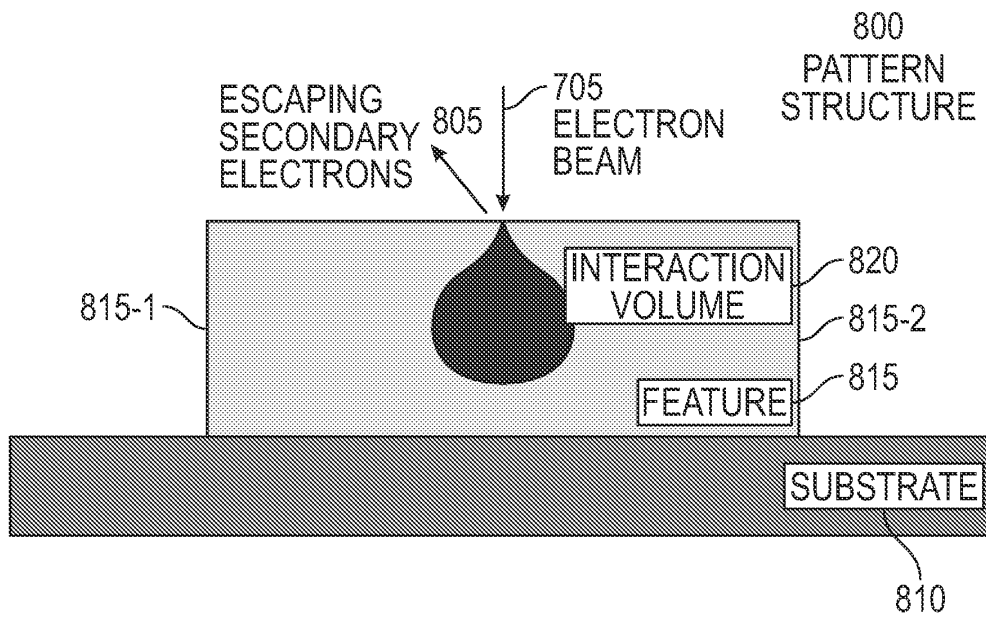


FIG. 8A

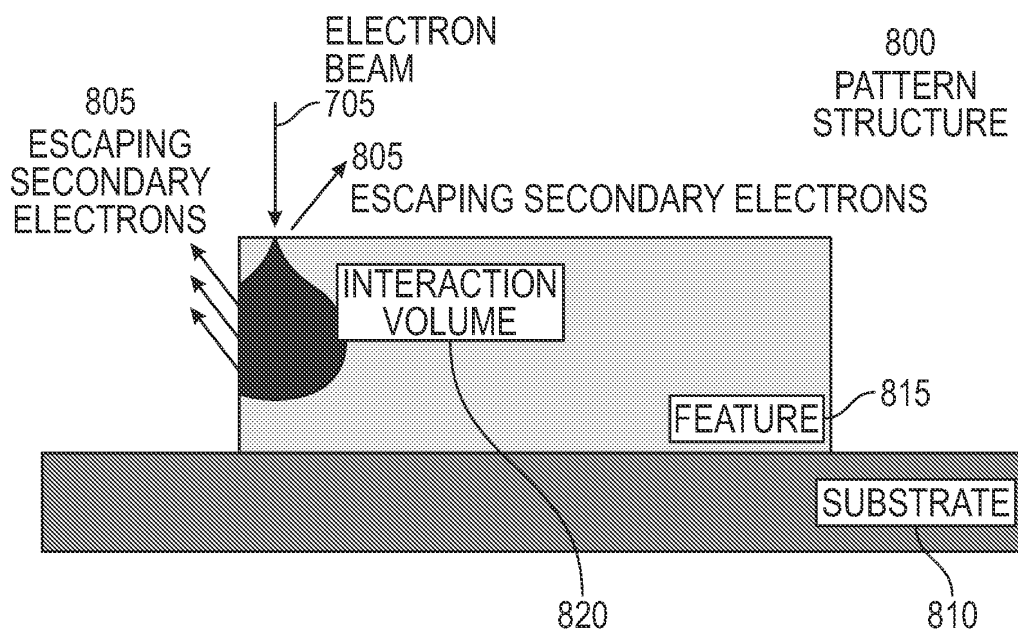


FIG. 8B

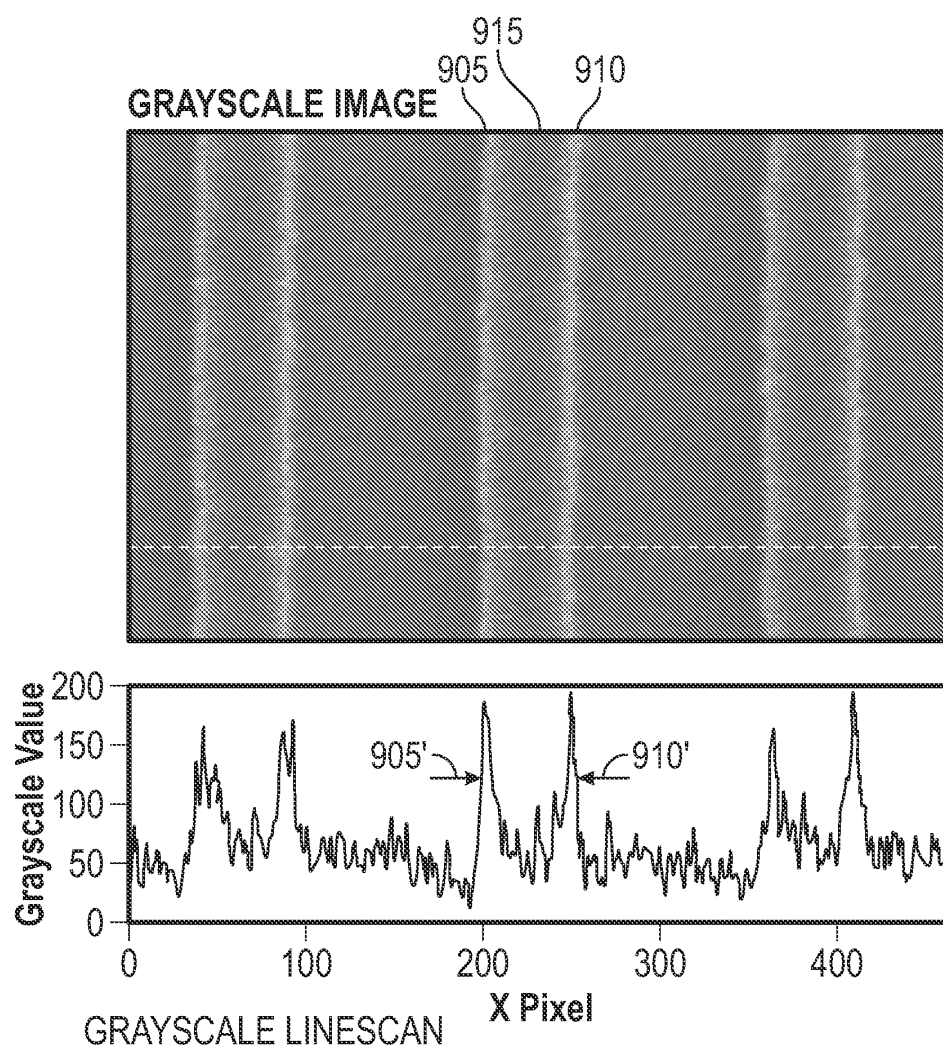


FIG. 9

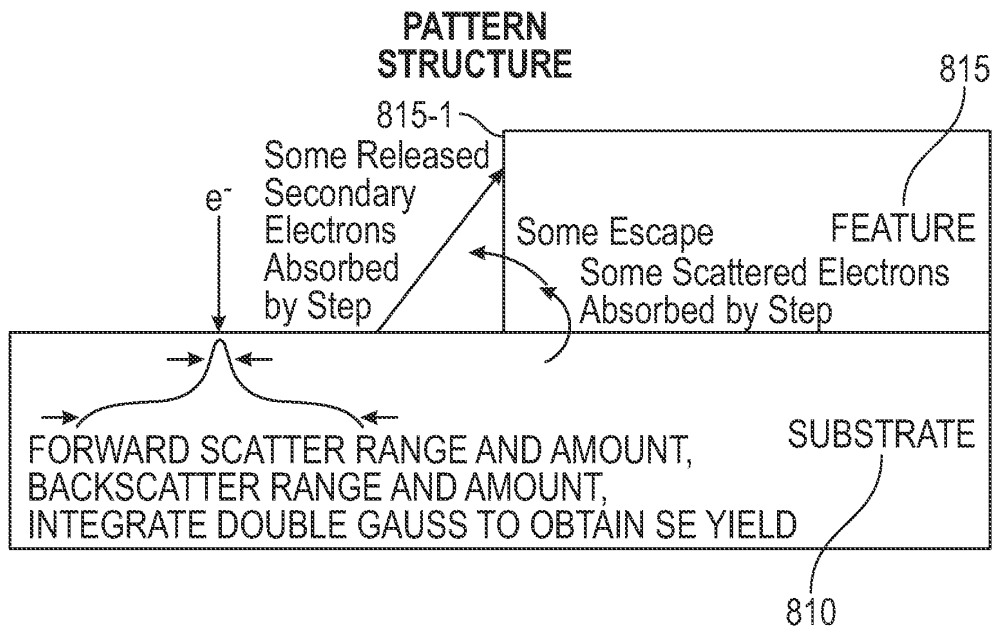


FIG. 10

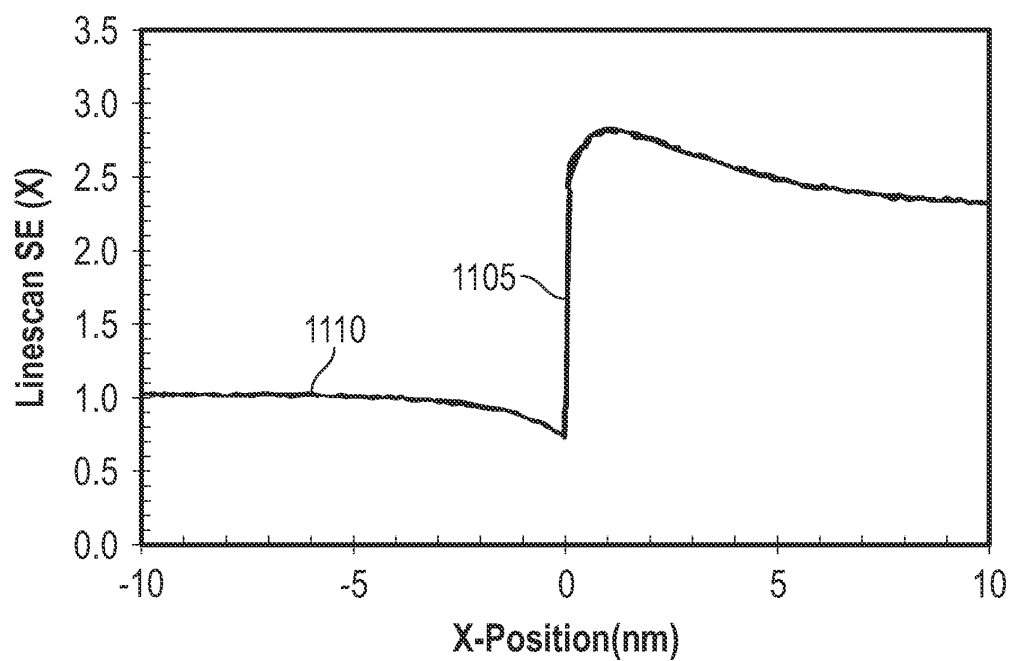


FIG. 11

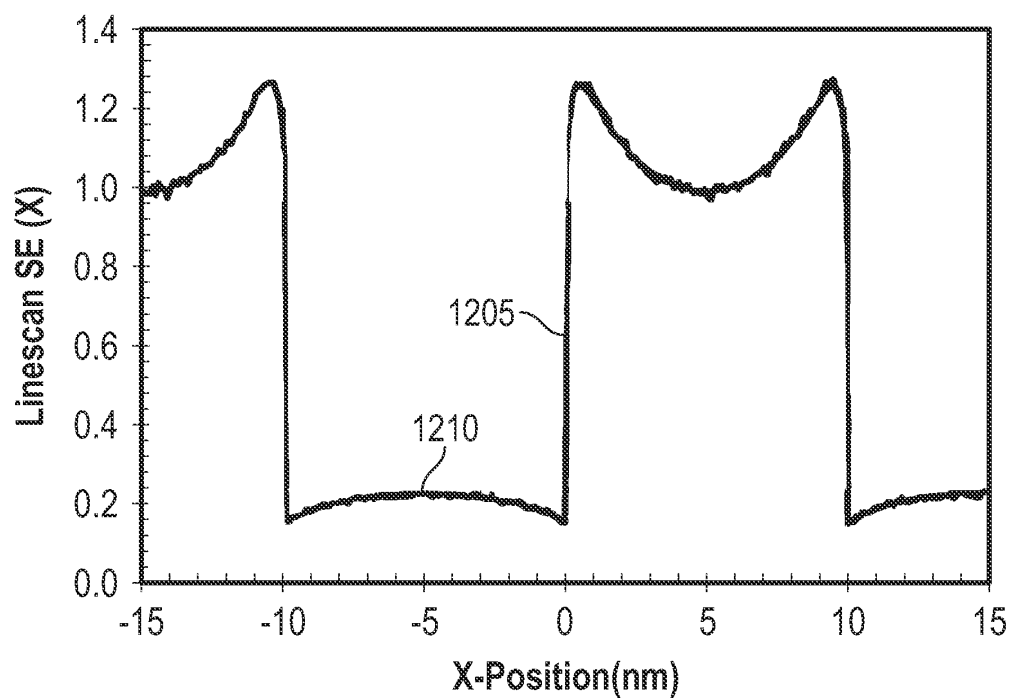


FIG. 12

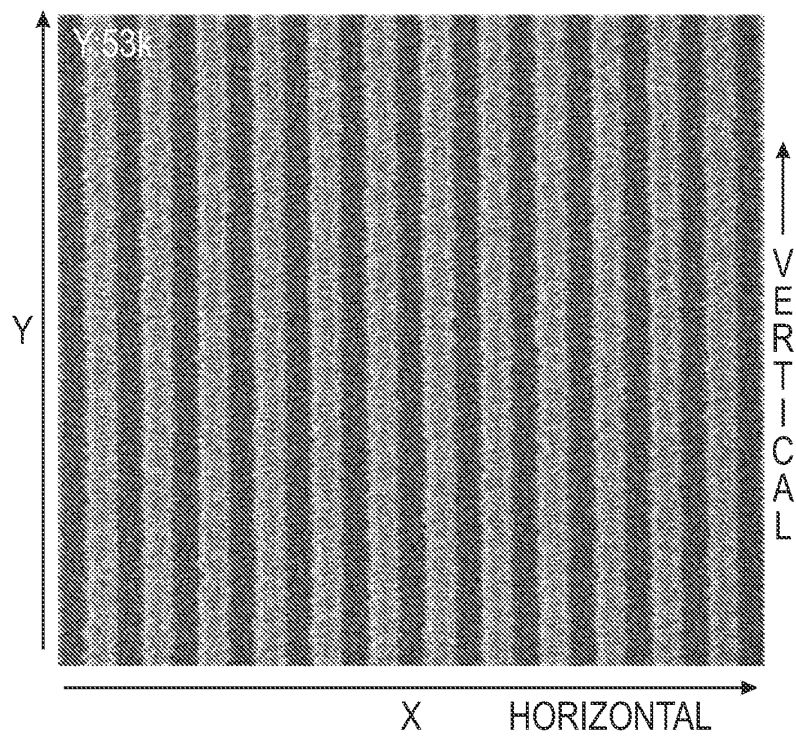


FIG. 13A

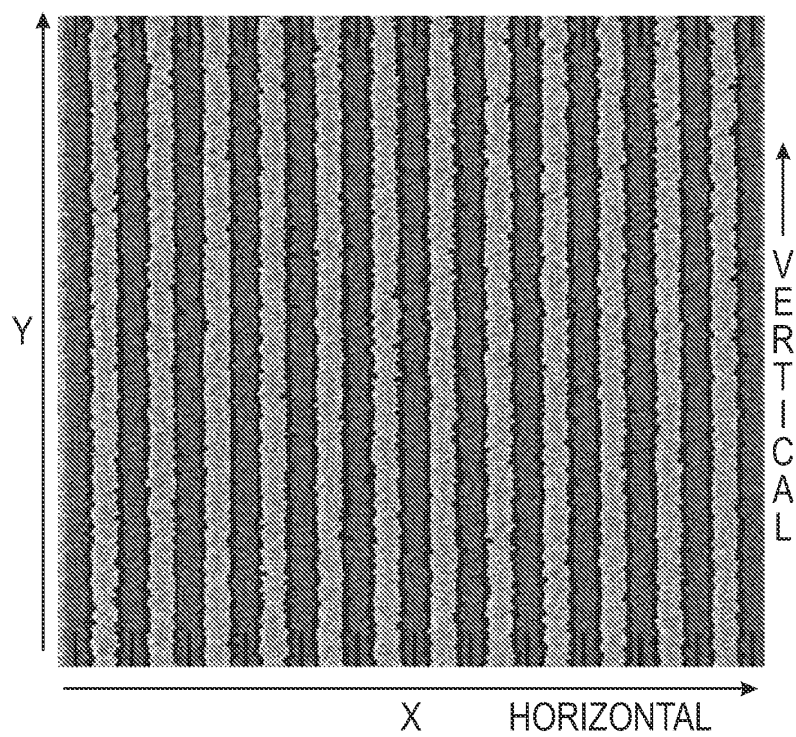


FIG. 13B

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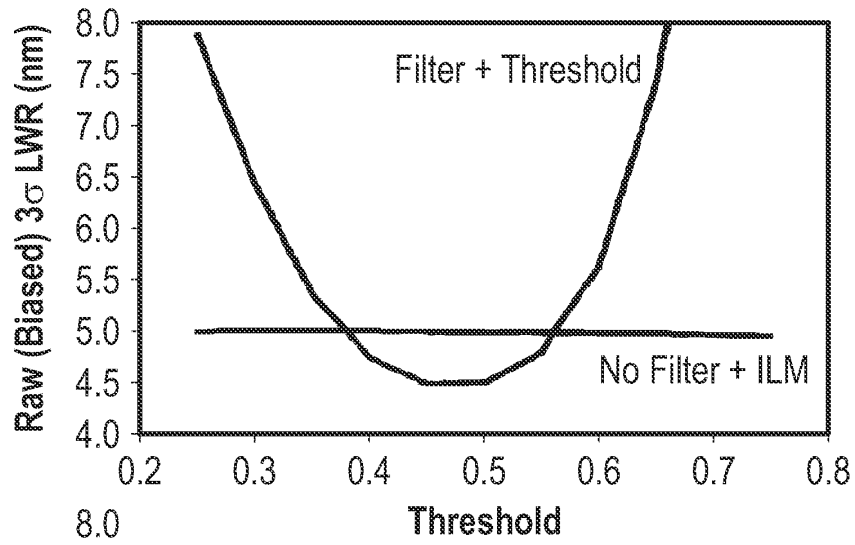


FIG. 14

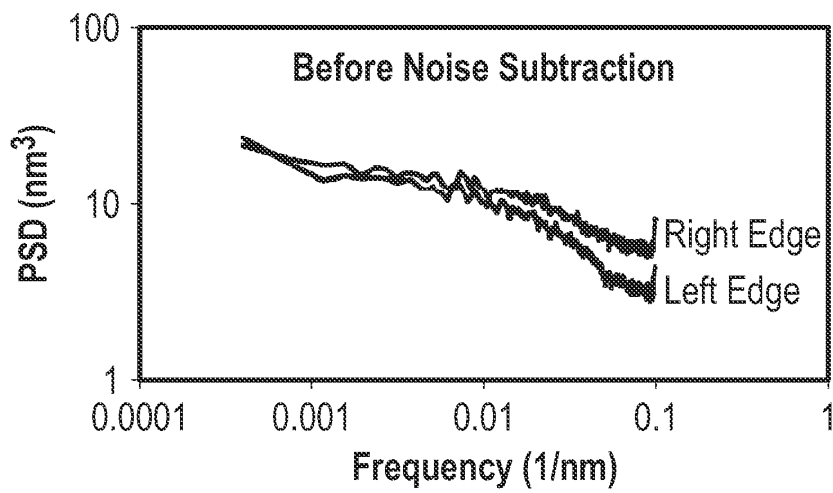


FIG. 15A

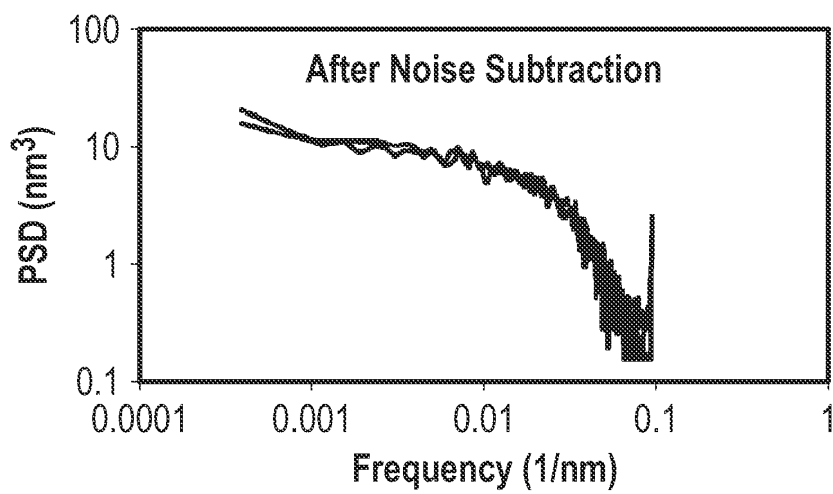


FIG. 15B

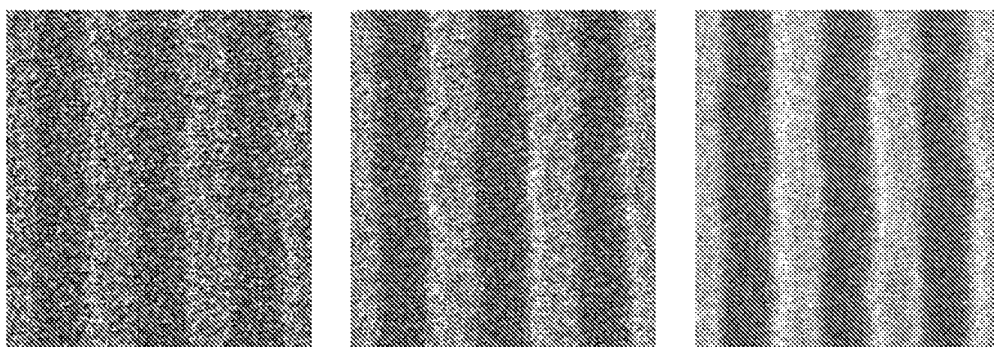


FIG. 16

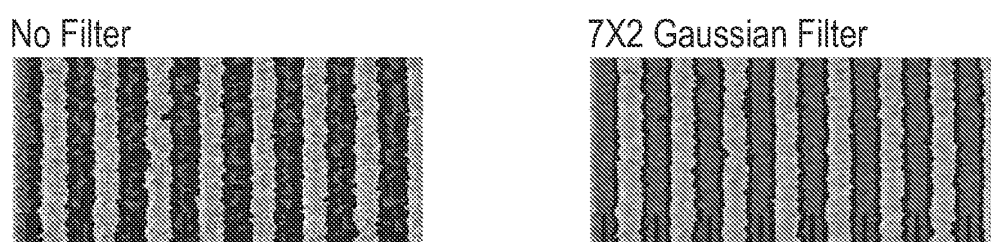


FIG. 17C

Greyscale value (vertical axis) versus horizontal position

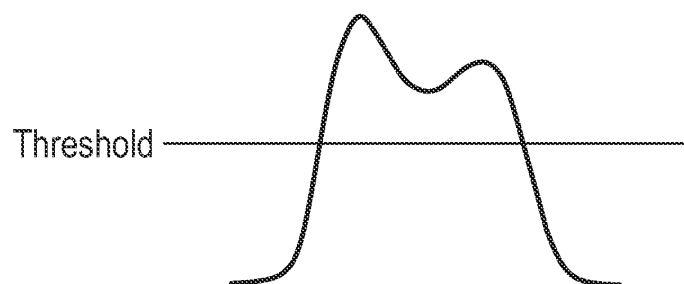


FIG. 17A

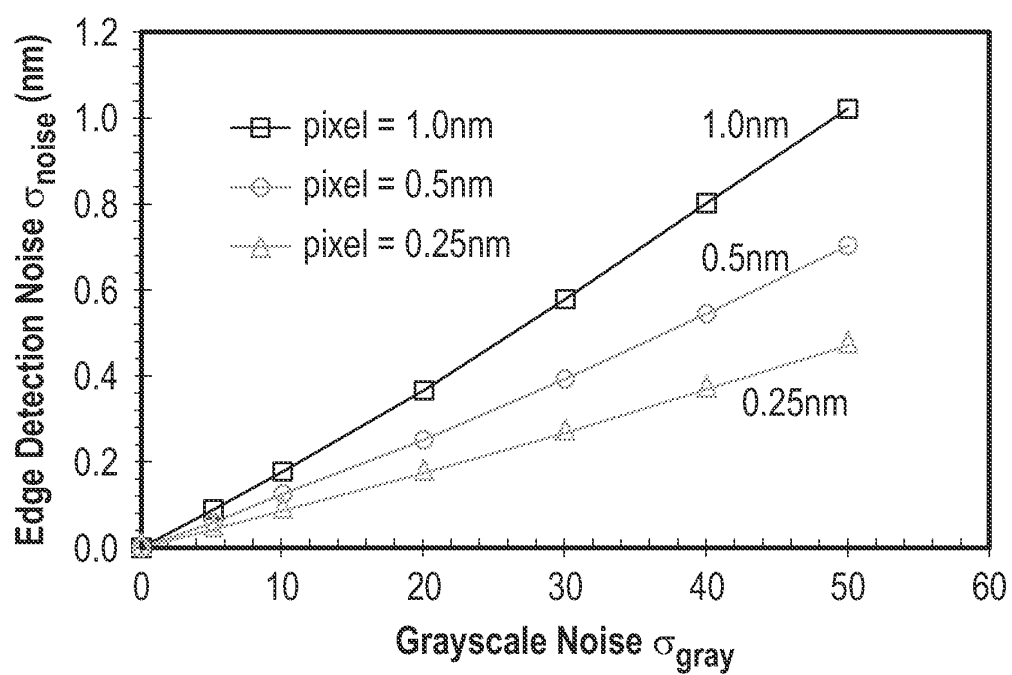


FIG. 17B

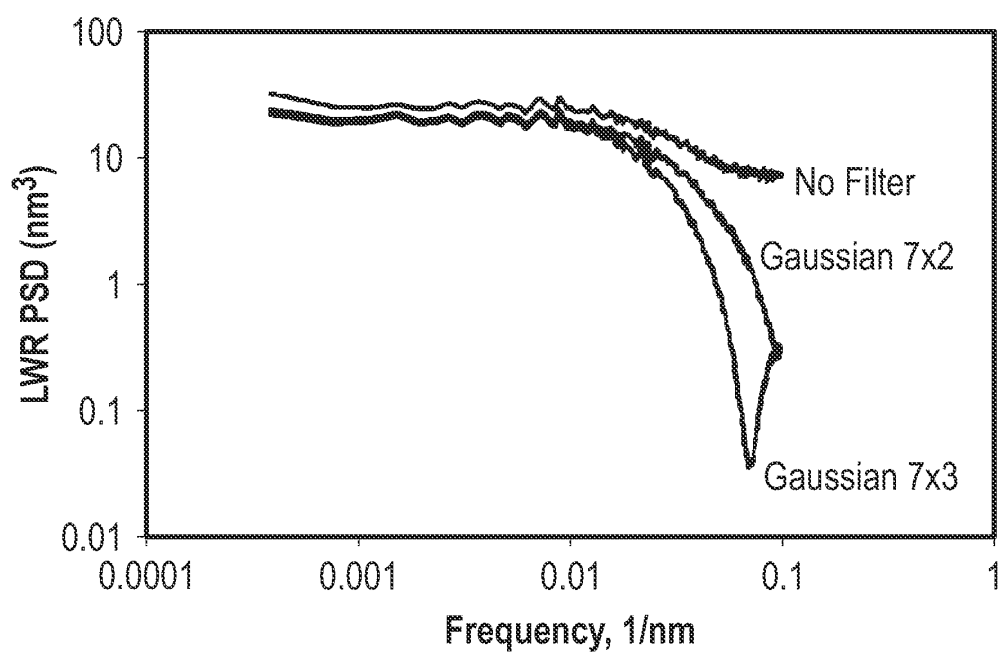


FIG. 18

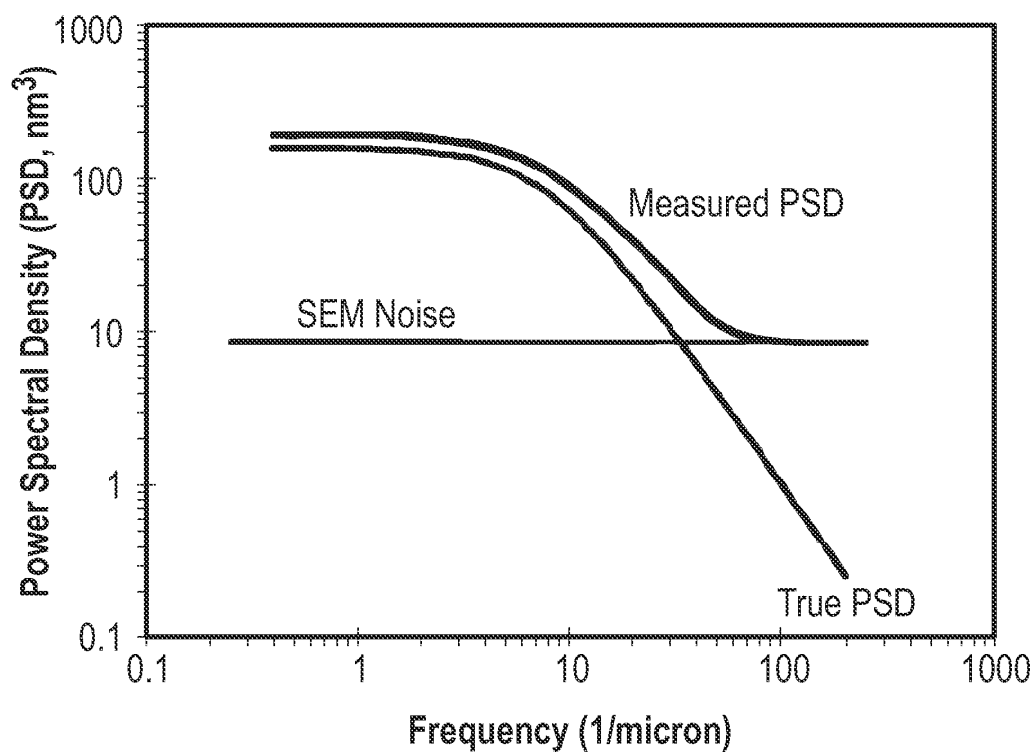


FIG. 19

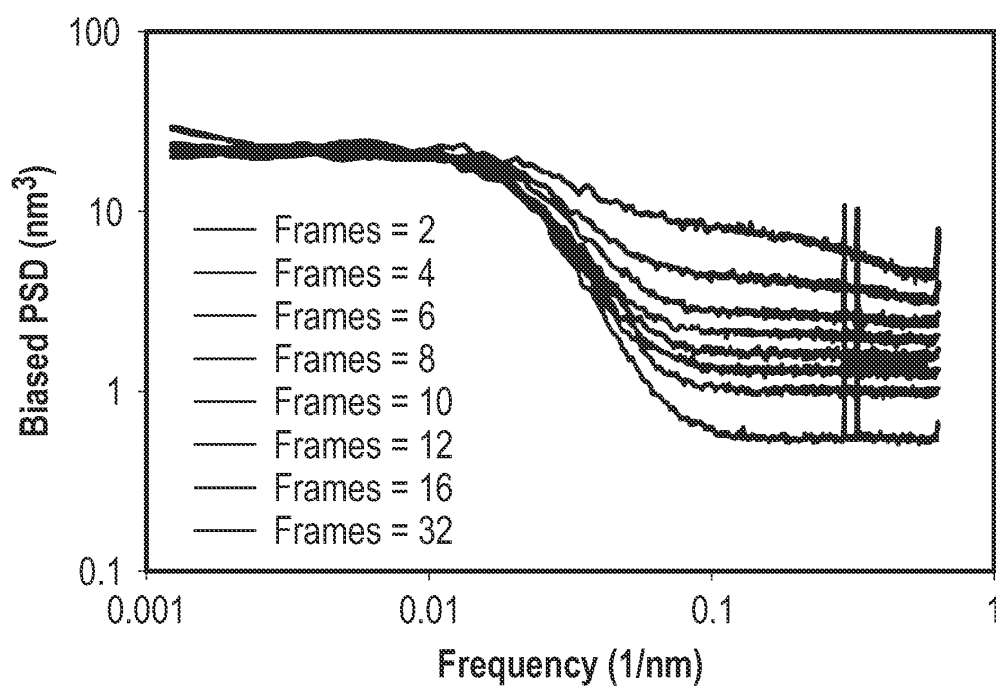


FIG. 20

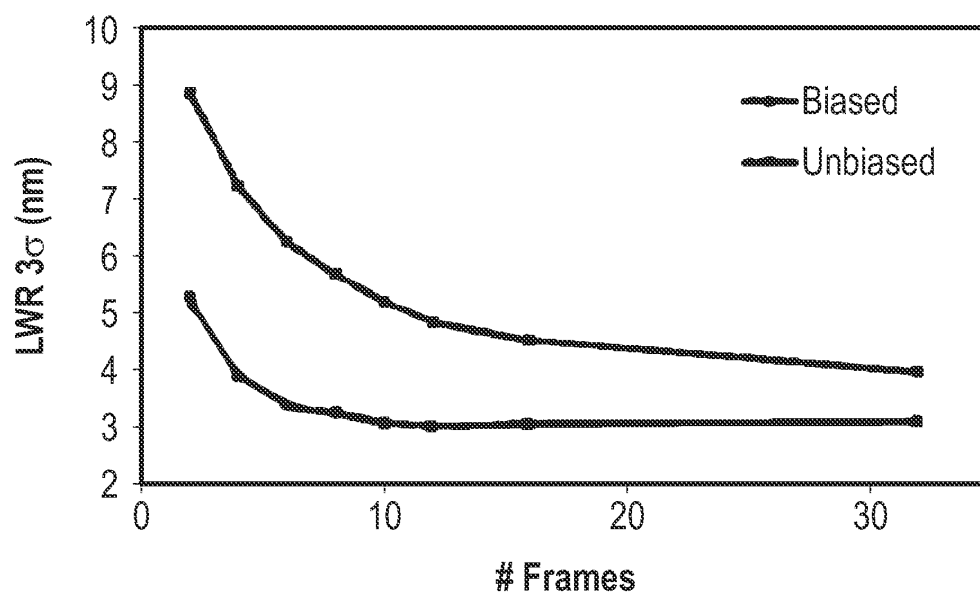


FIG. 21

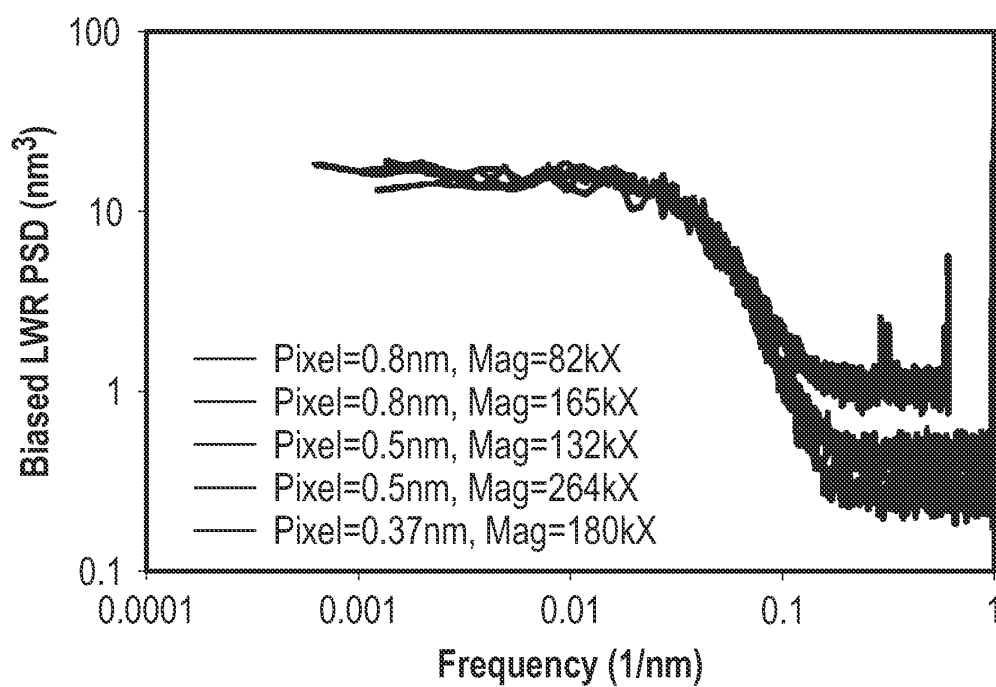


FIG. 22A

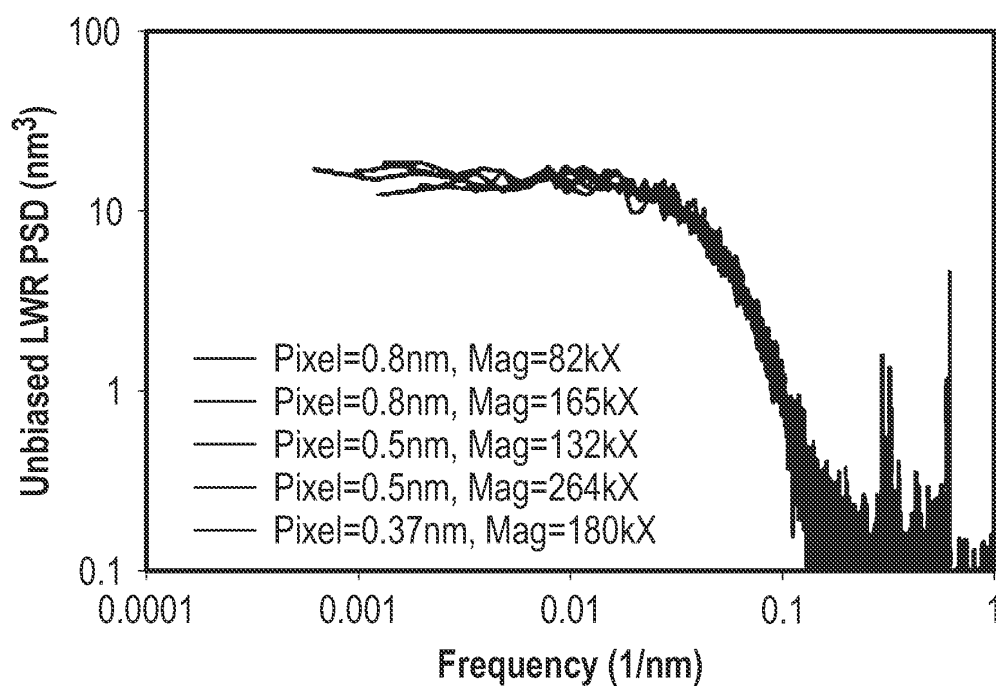


FIG. 22B

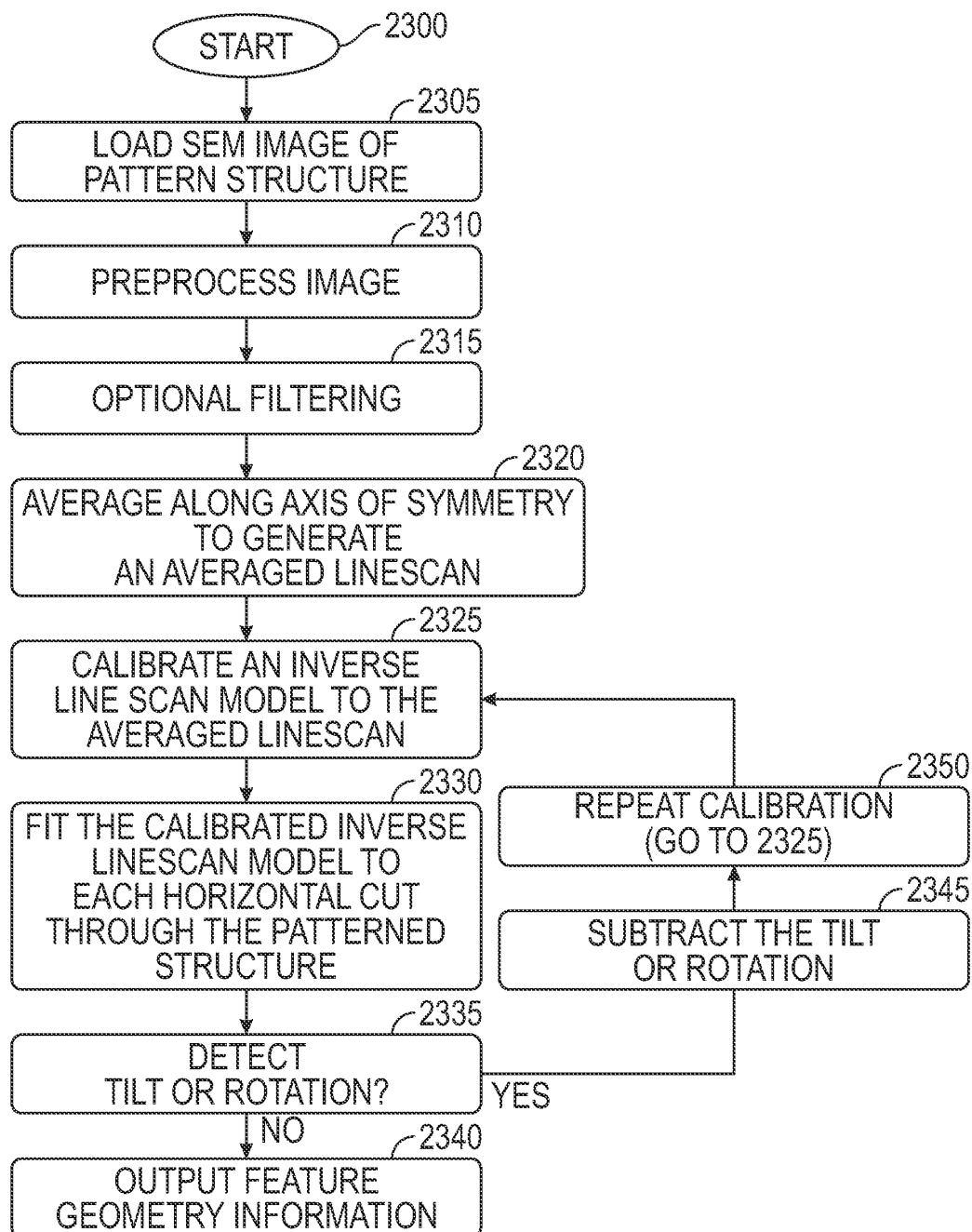


FIG. 23

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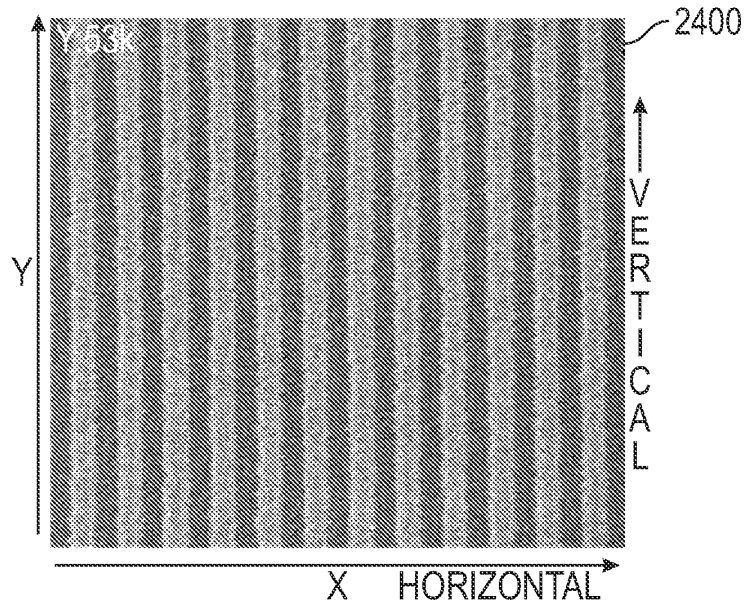


FIG. 24A

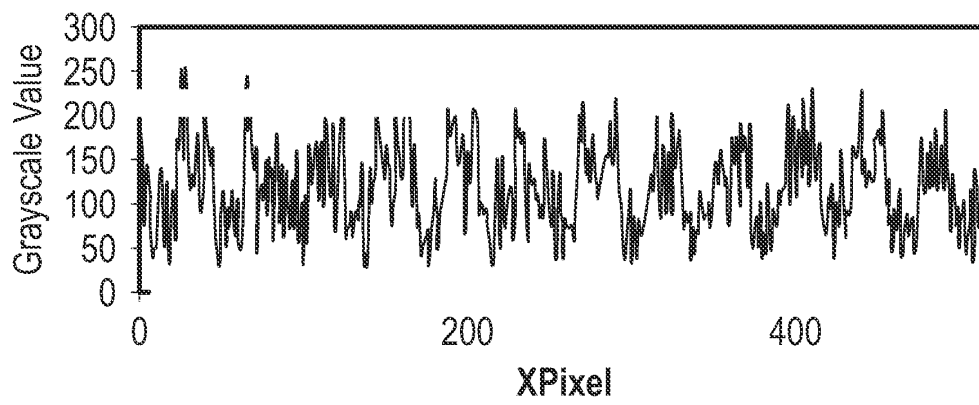


FIG. 24B

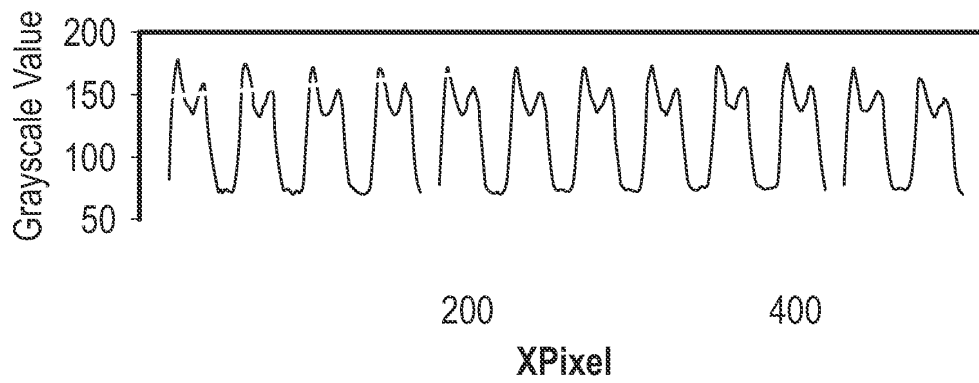


FIG. 24C

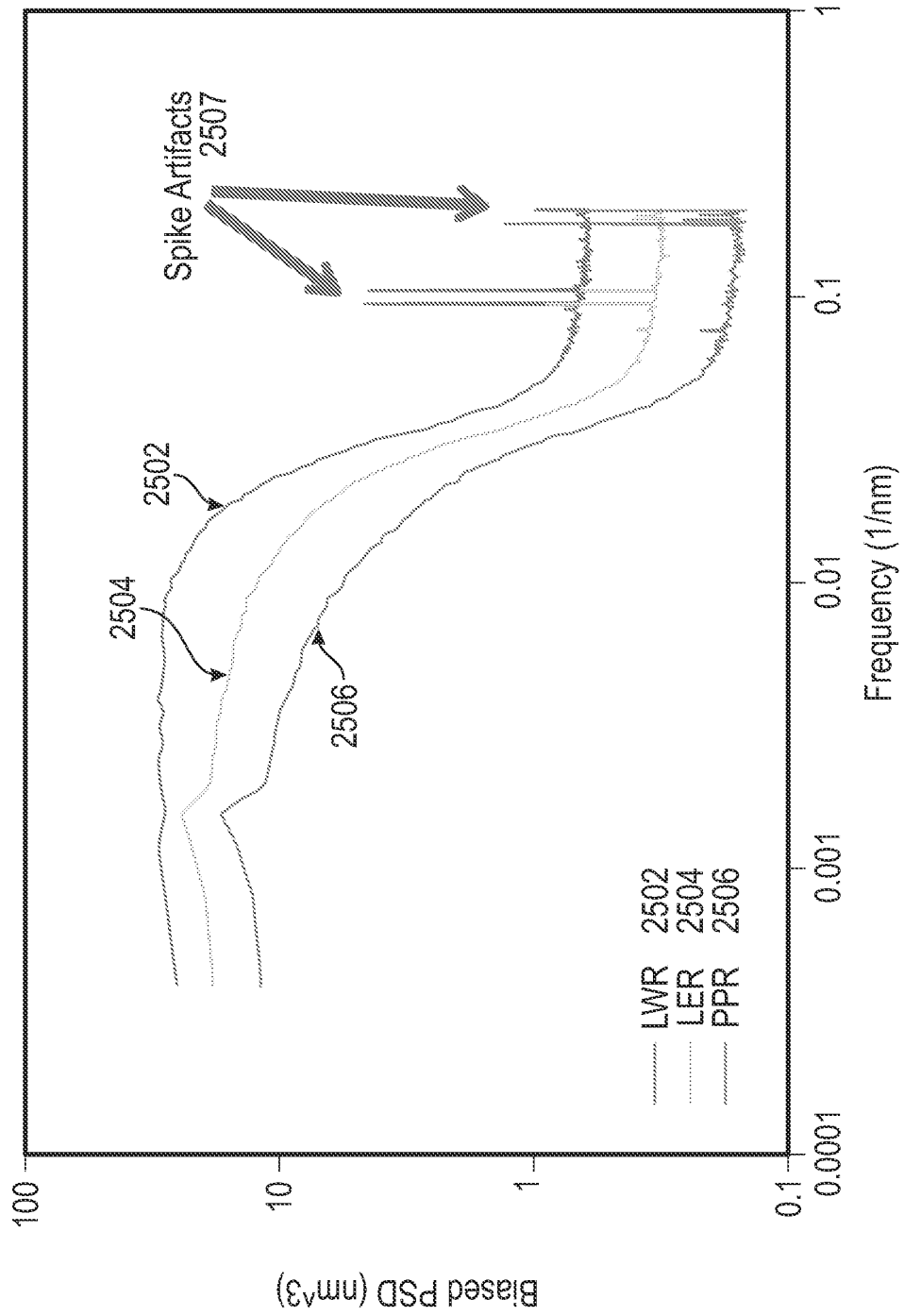


FIG. 25A

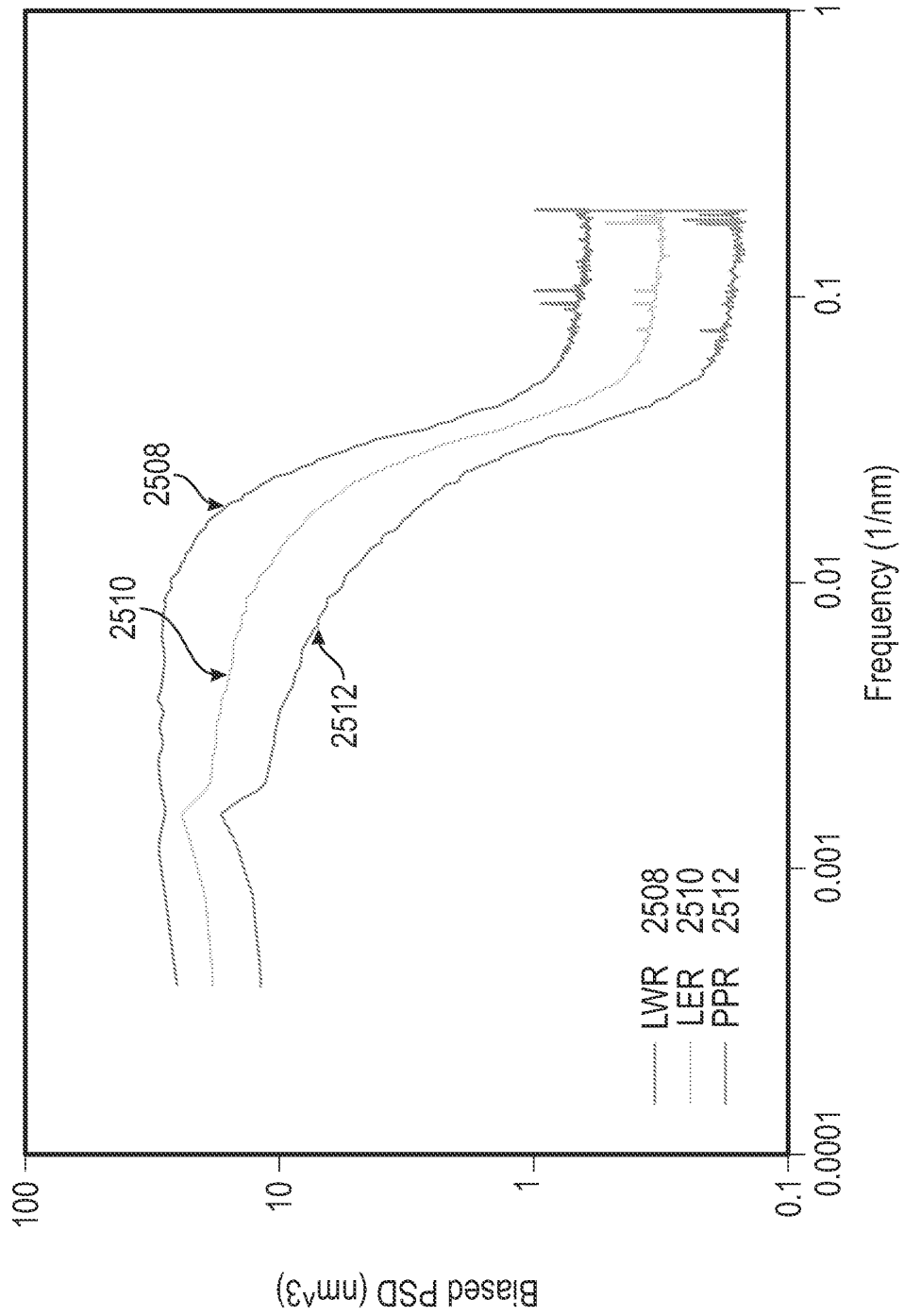


FIG. 25B

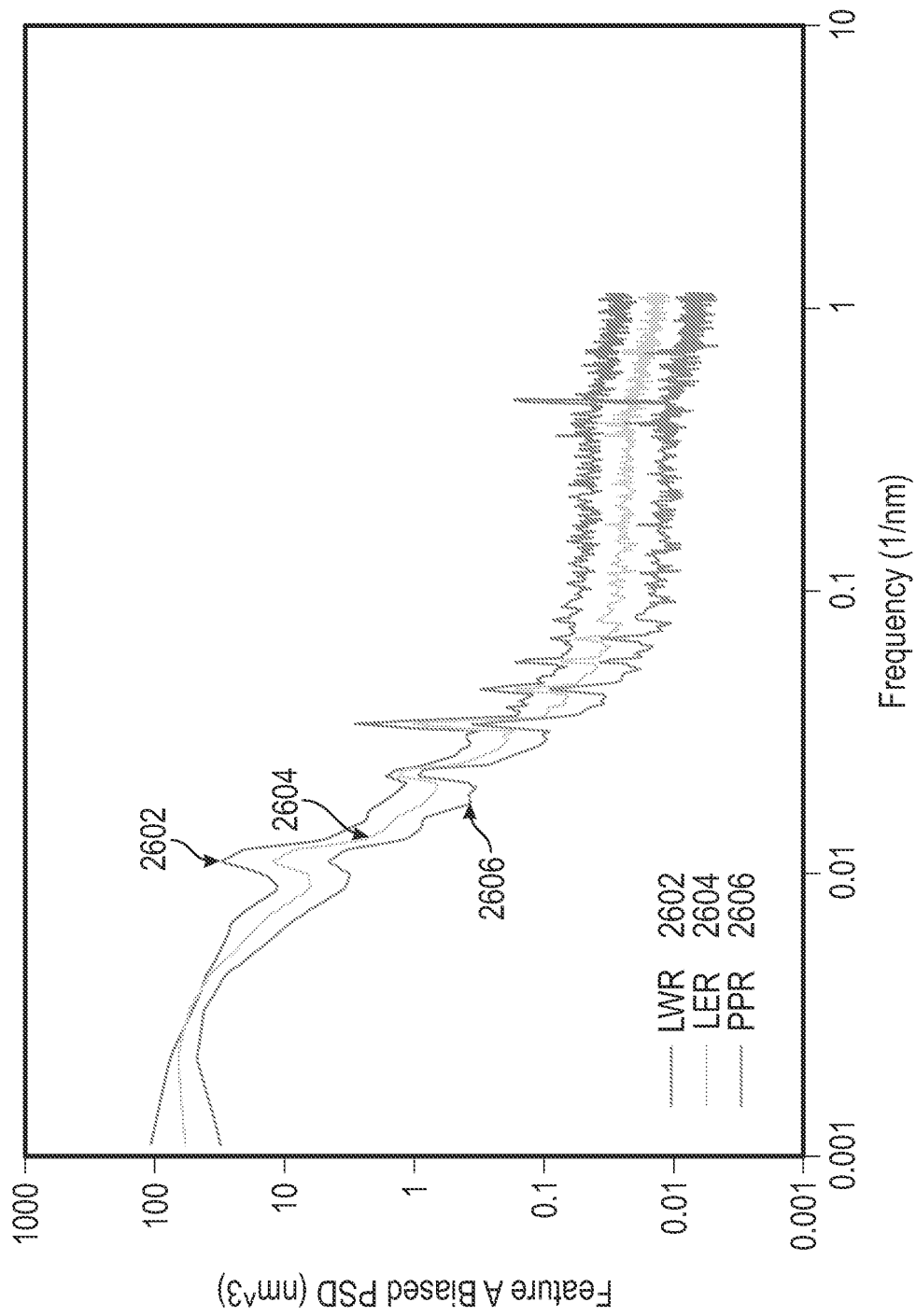
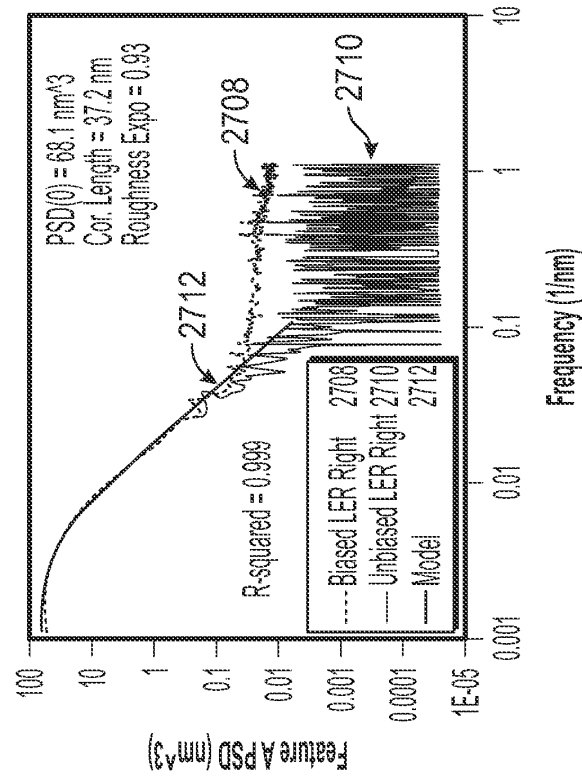
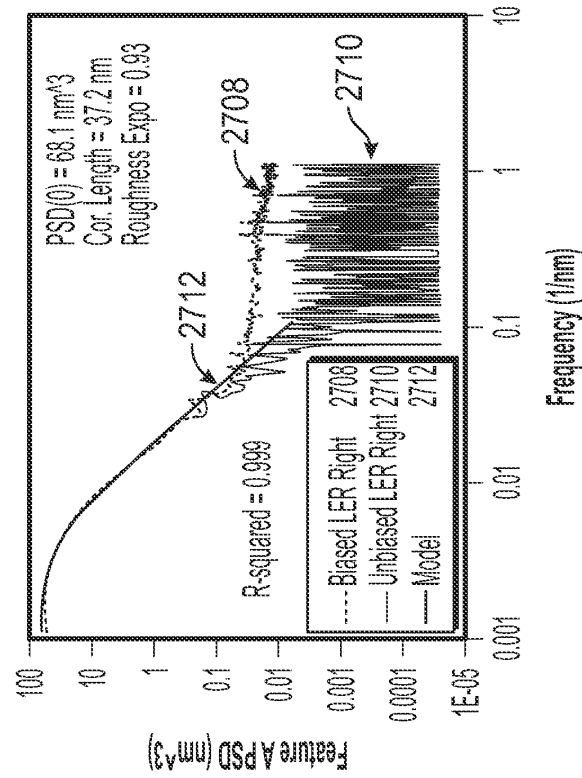


FIG. 26



Original PSDs

FIG. 27A



After Spike Removal

FIG. 27B

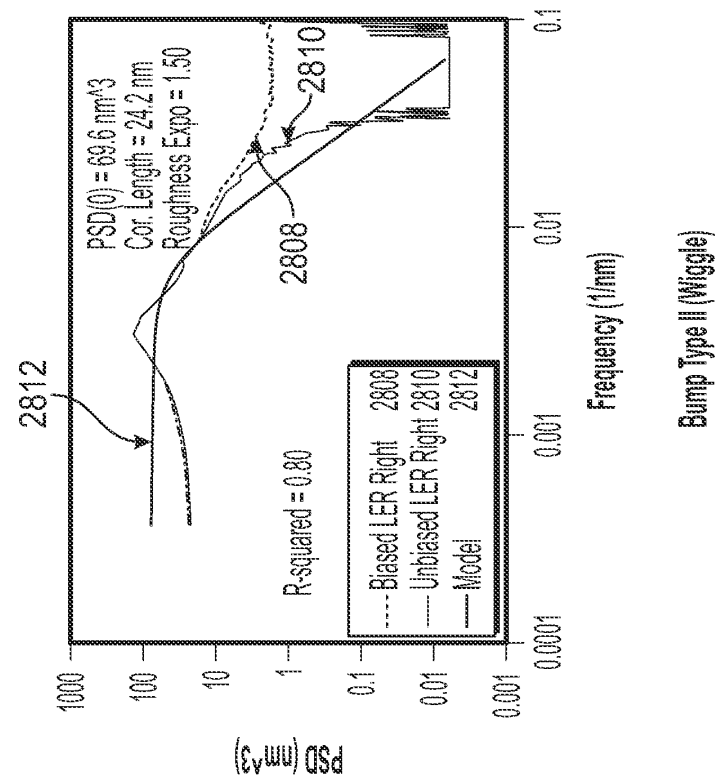


FIG. 28A

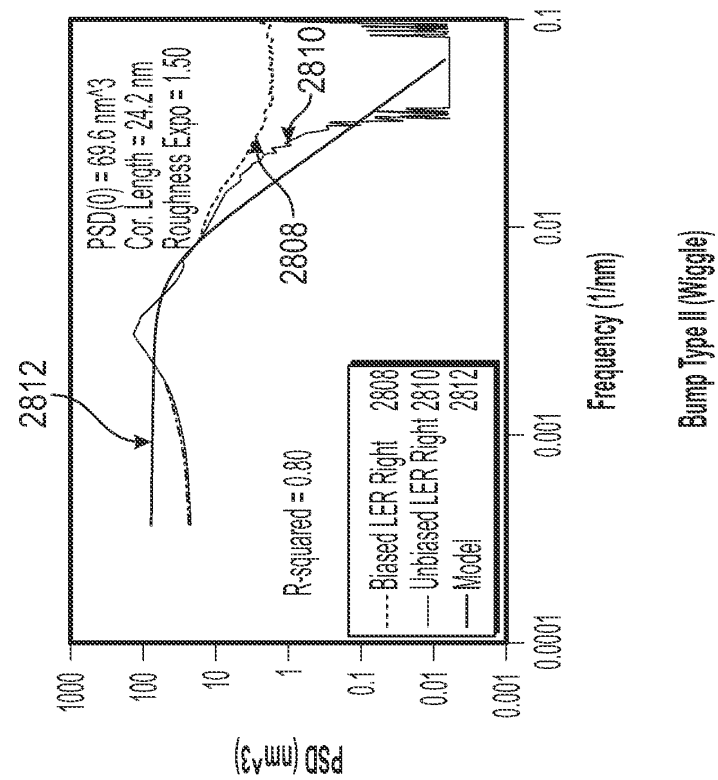


FIG. 28B

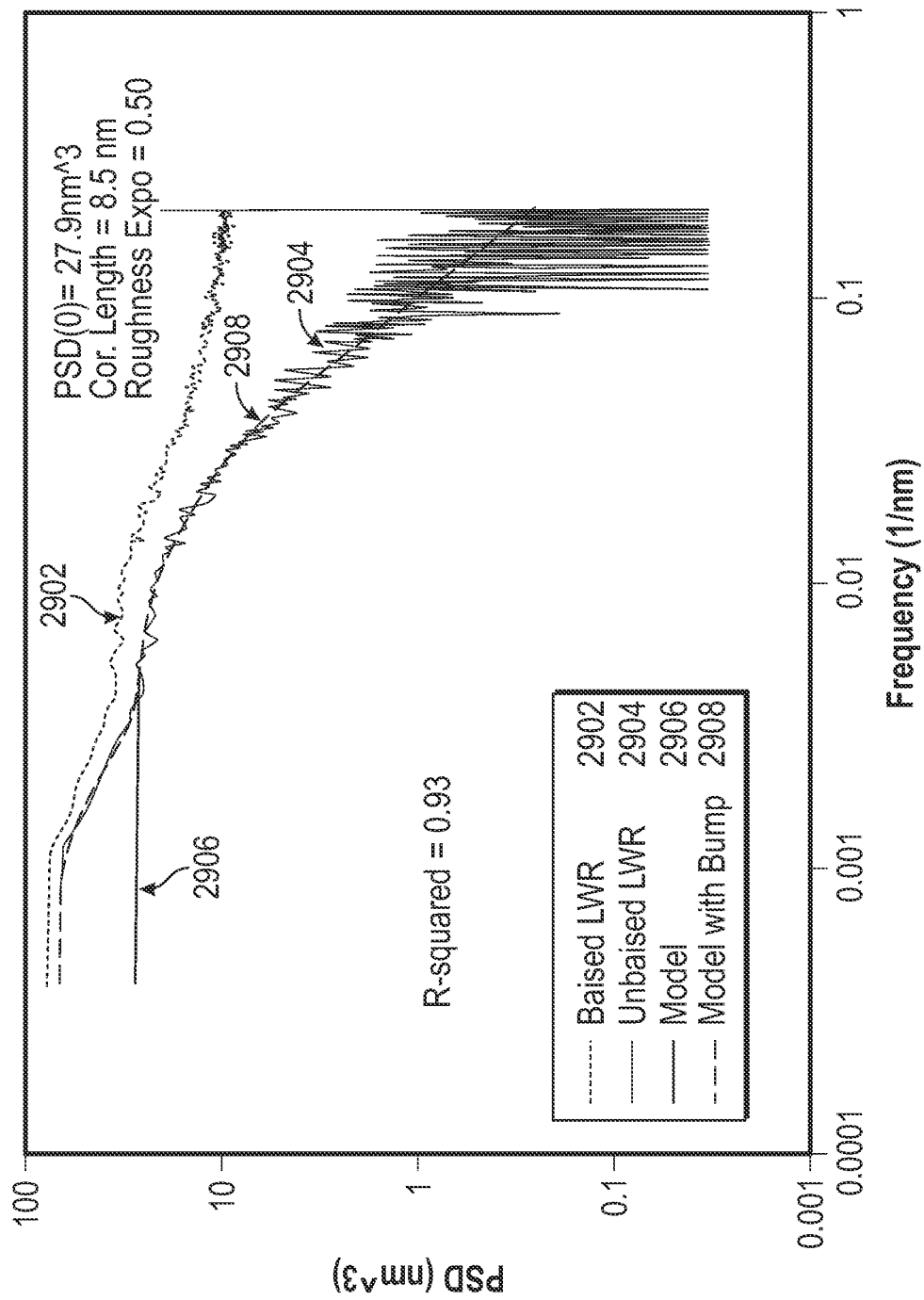


FIG. 29A

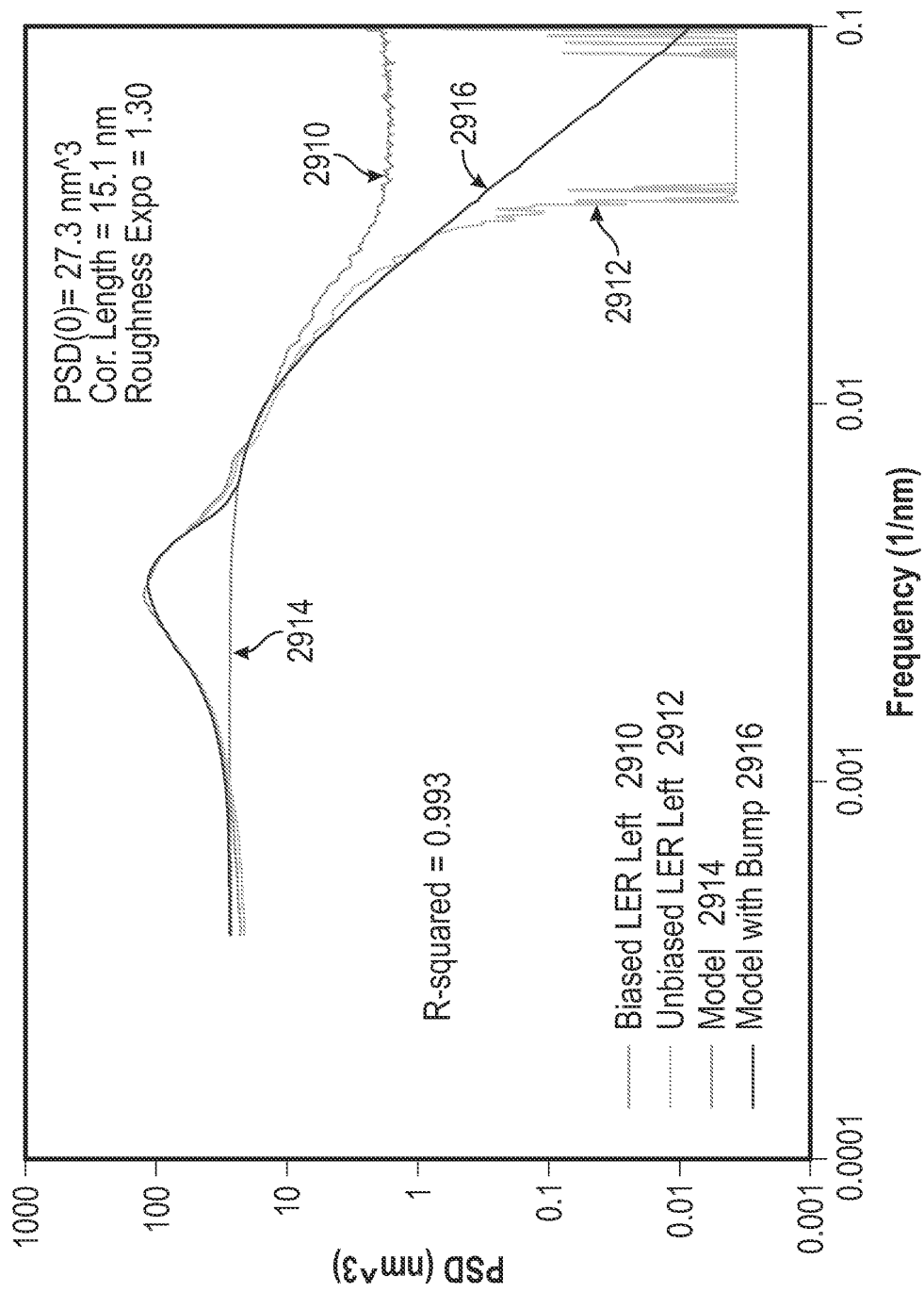


FIG. 29B

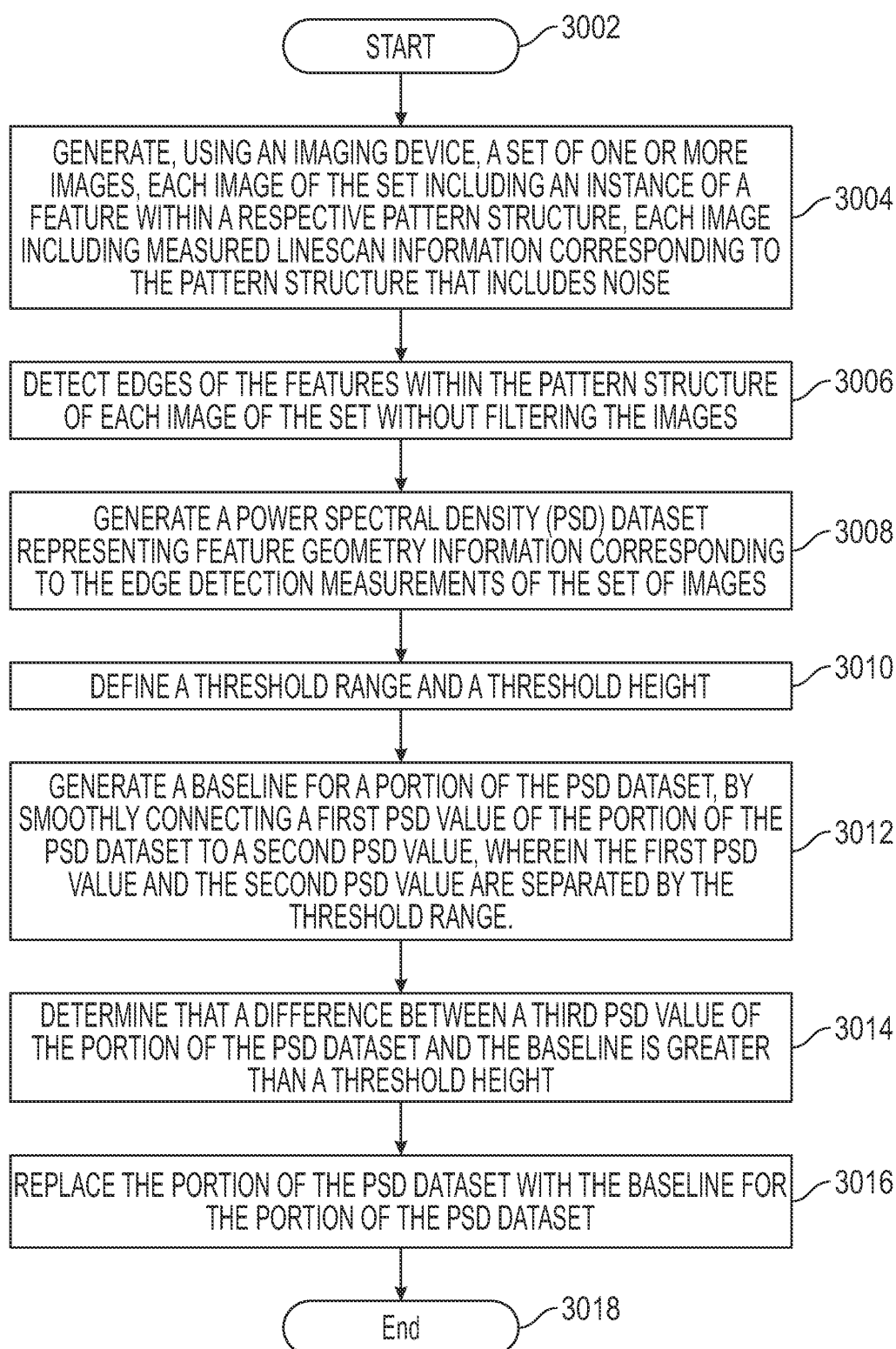


FIG. 30

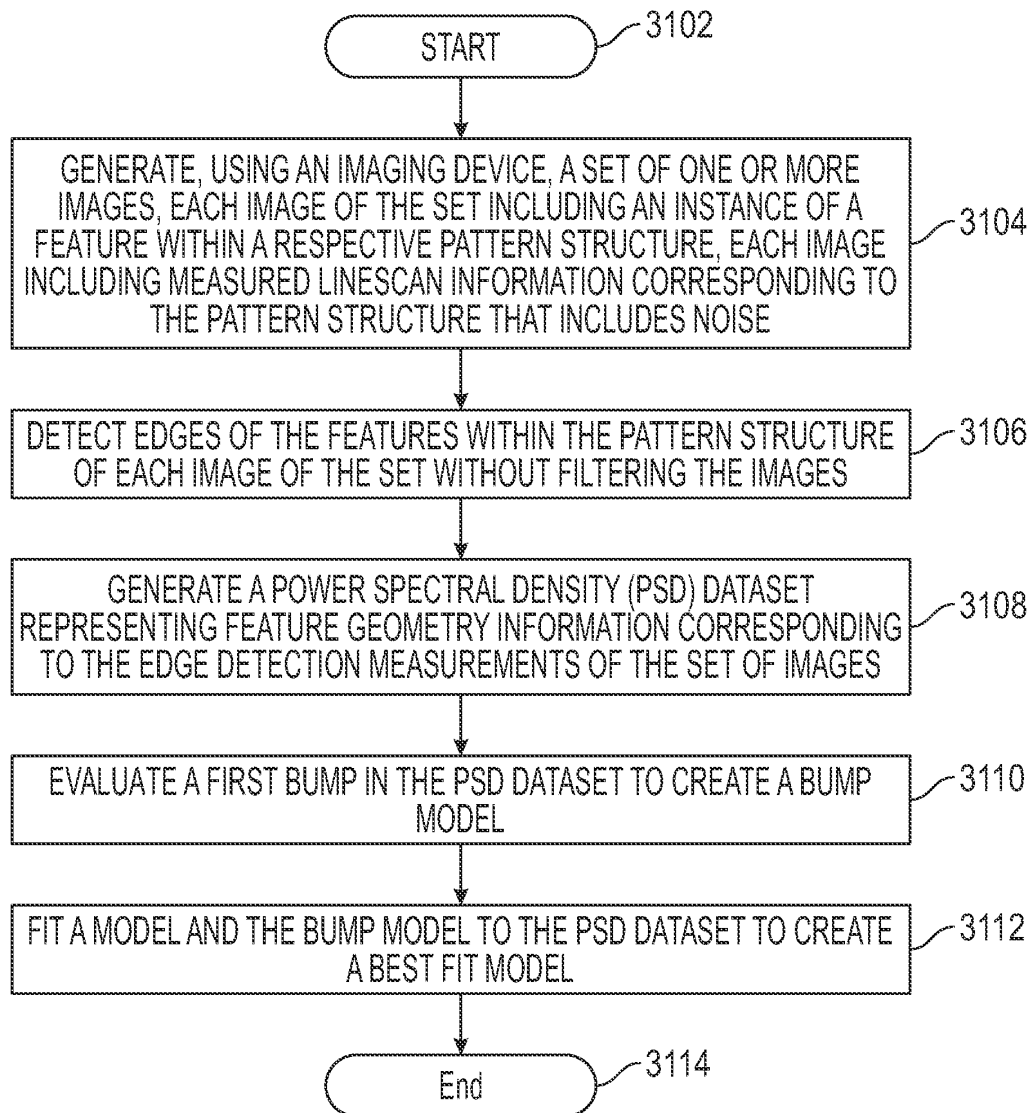


FIG. 31

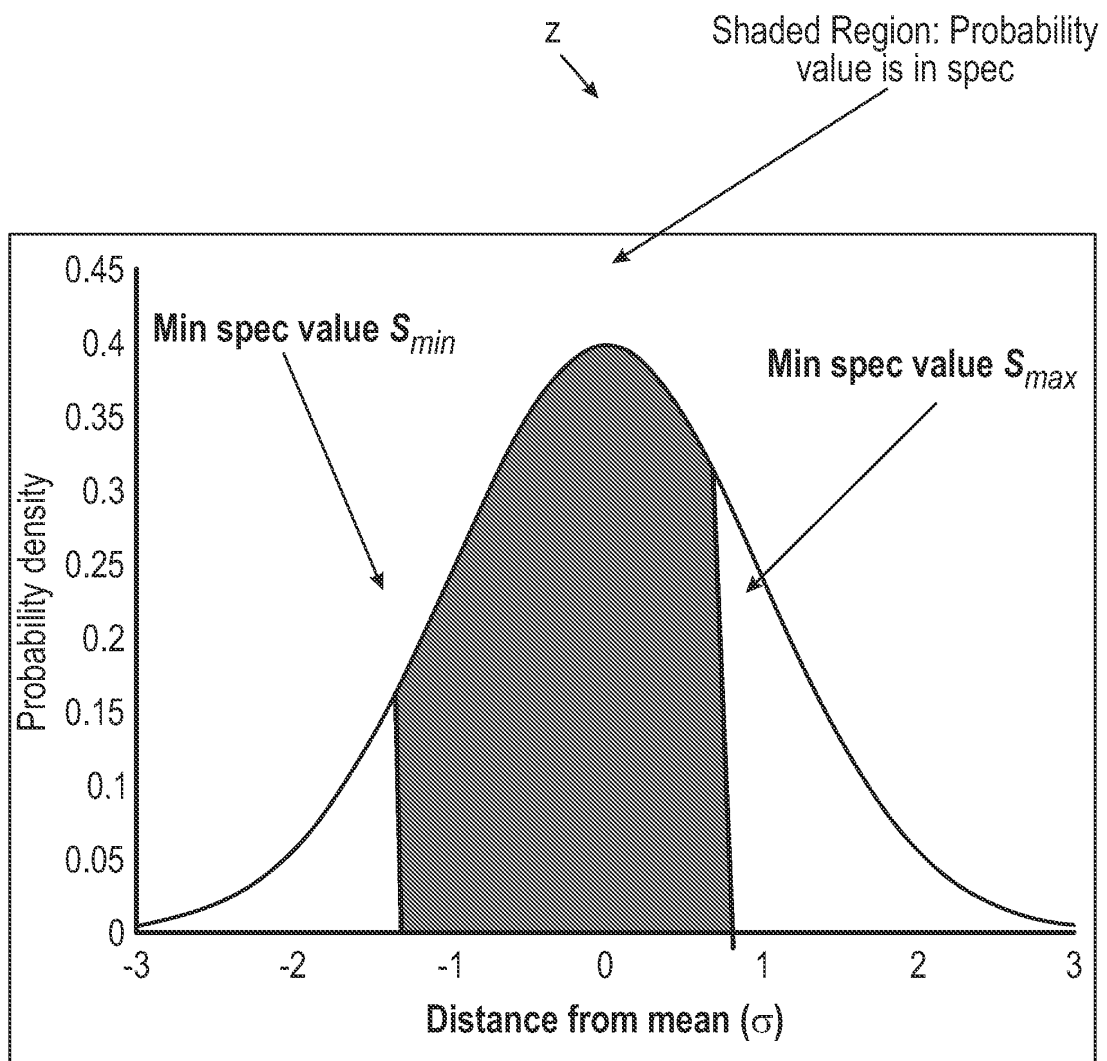
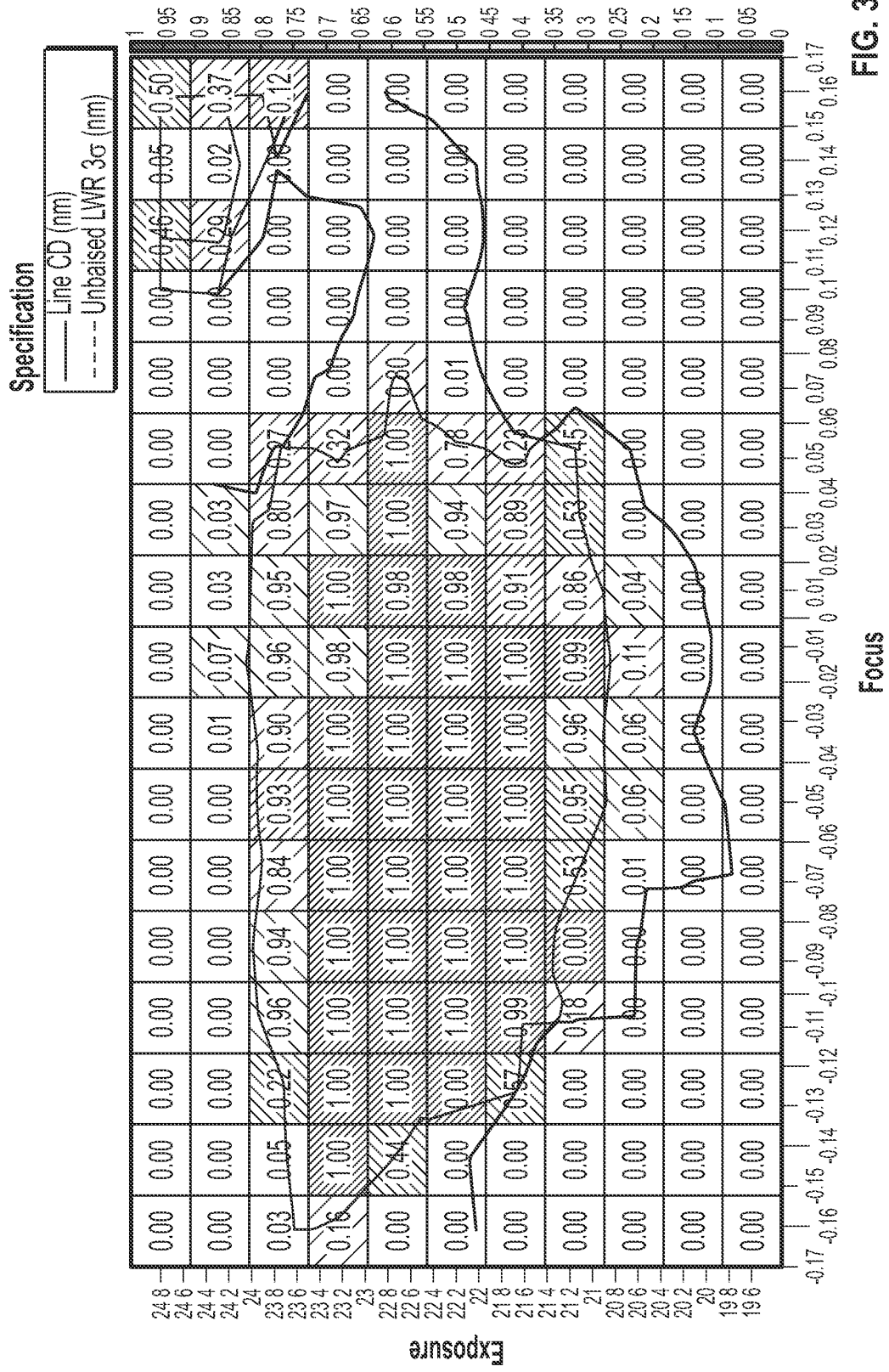


FIG. 32



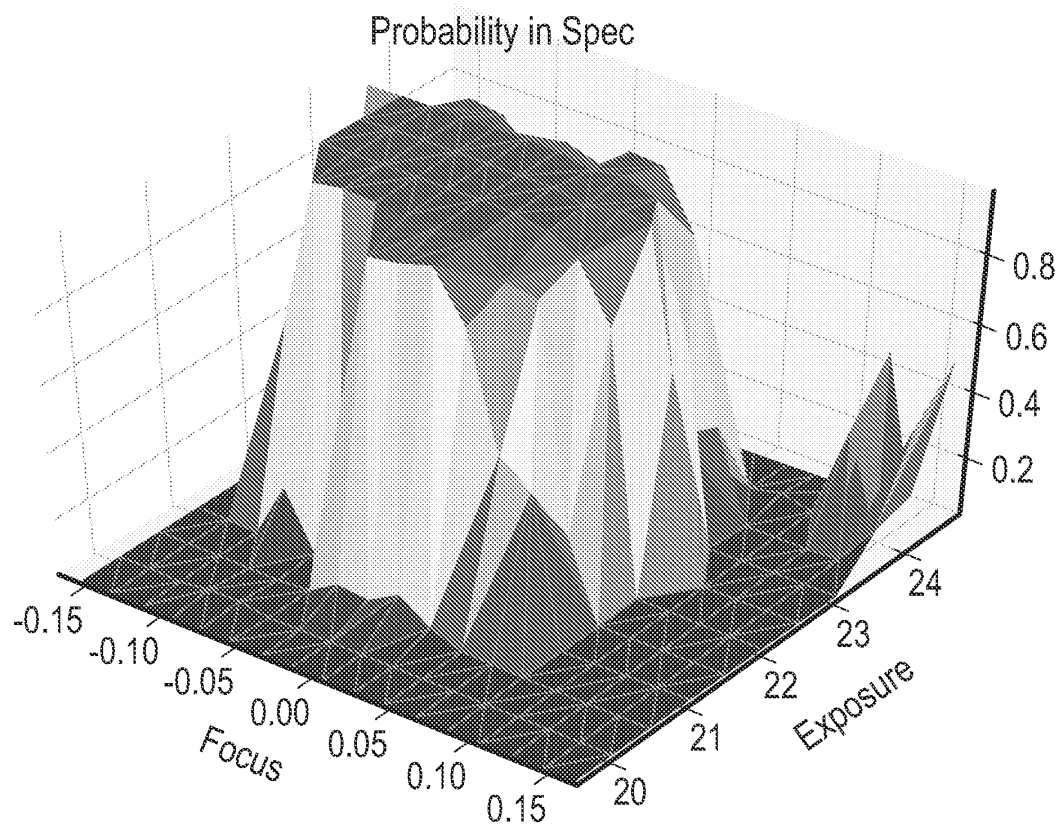
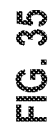


FIG. 34



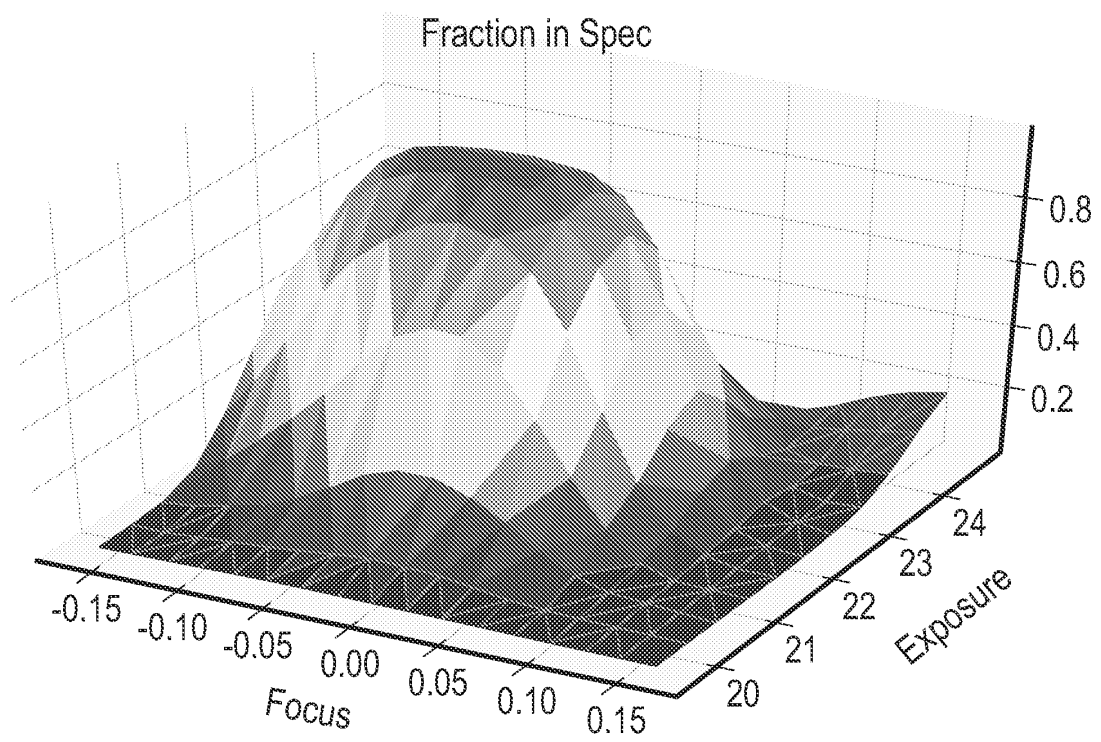


FIG. 36

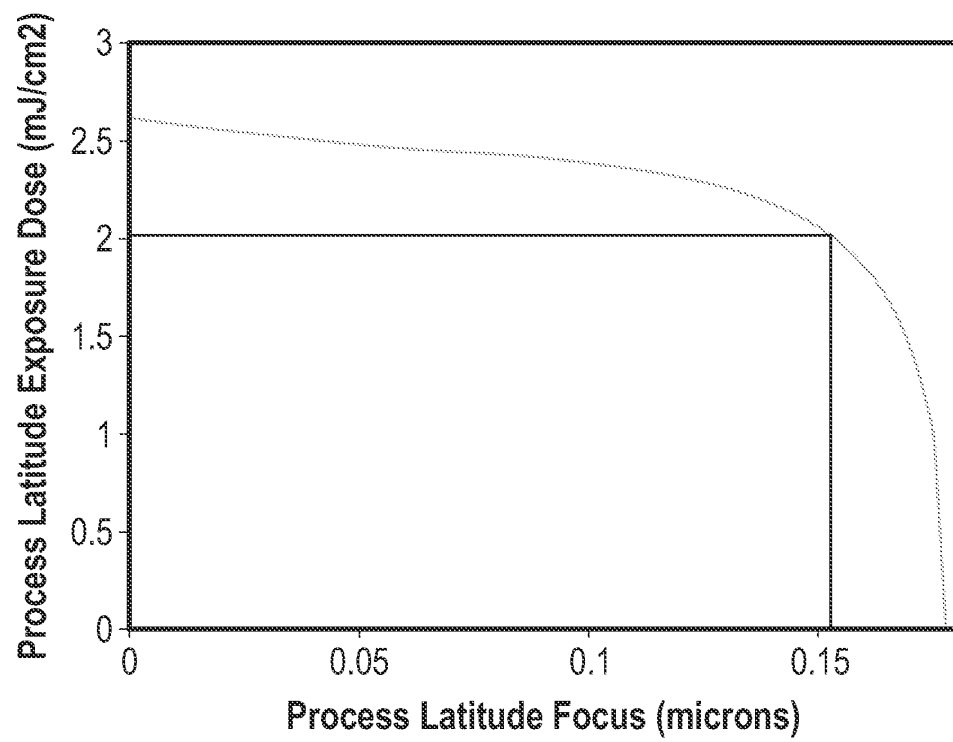


FIG. 37

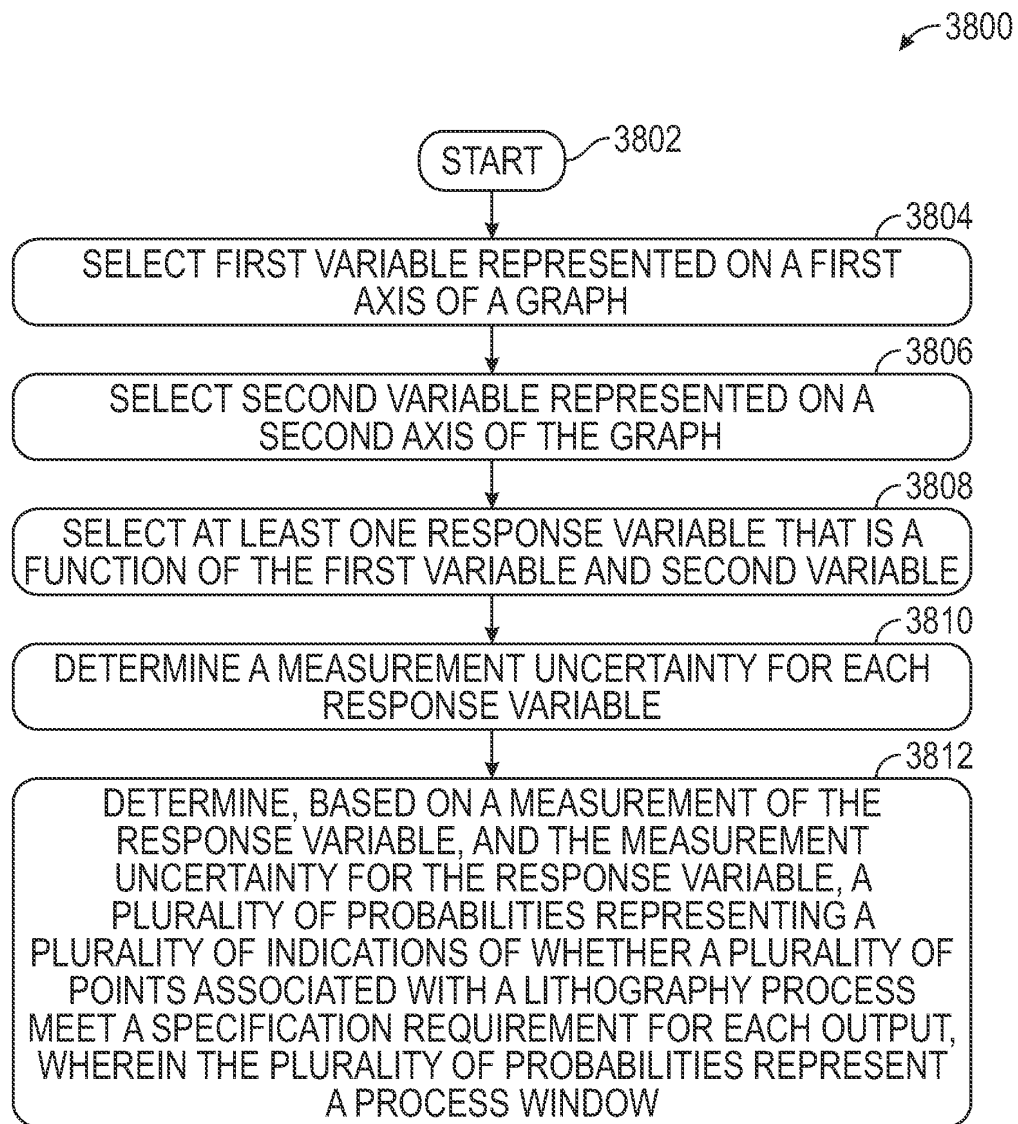


FIG. 38

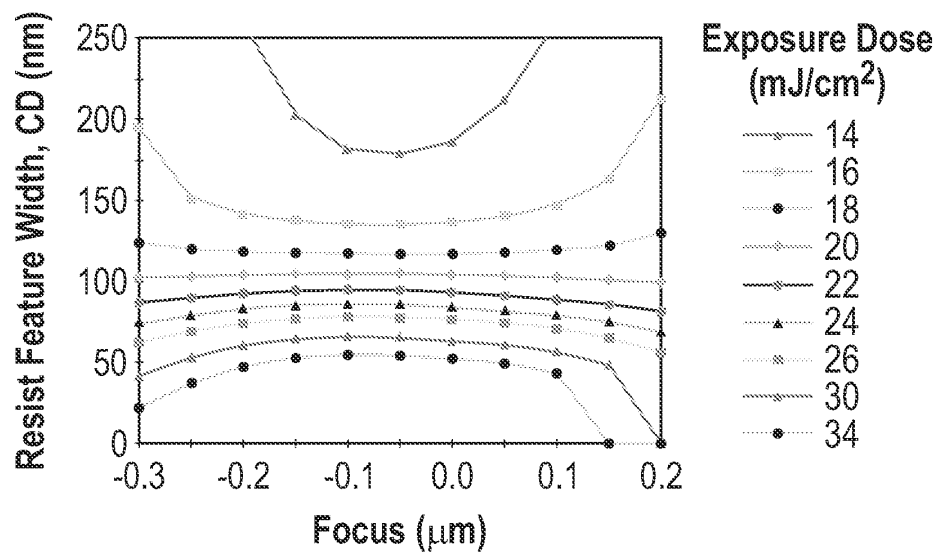


FIG. 39A

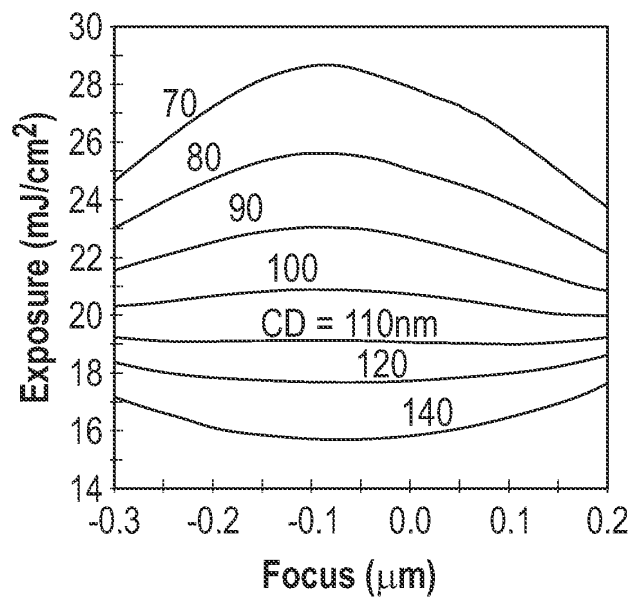


FIG. 39B

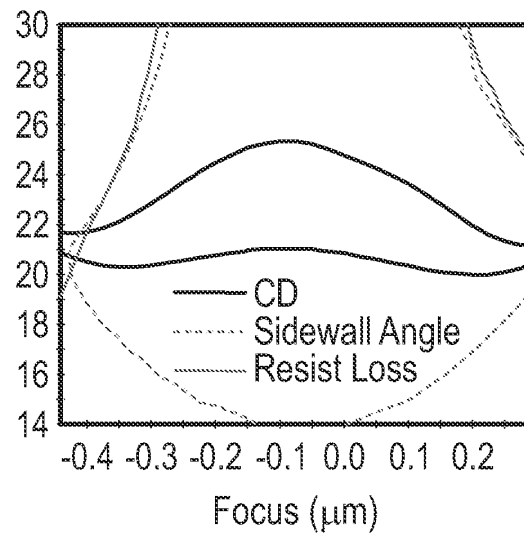


FIG. 39C

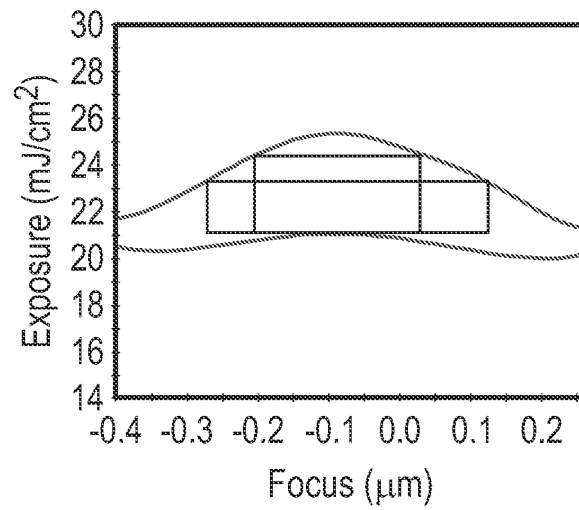


FIG. 40A

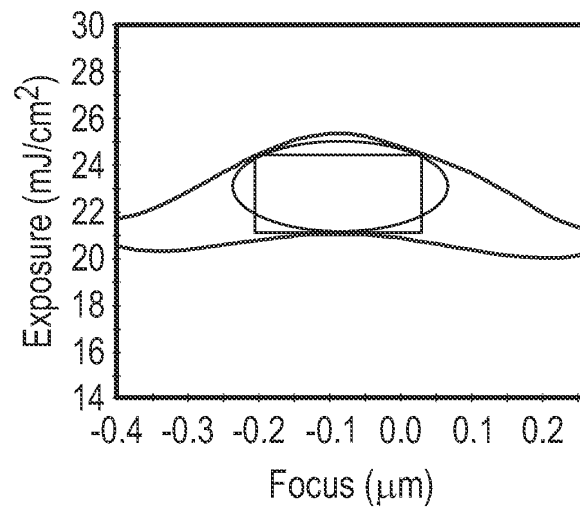


FIG. 40B

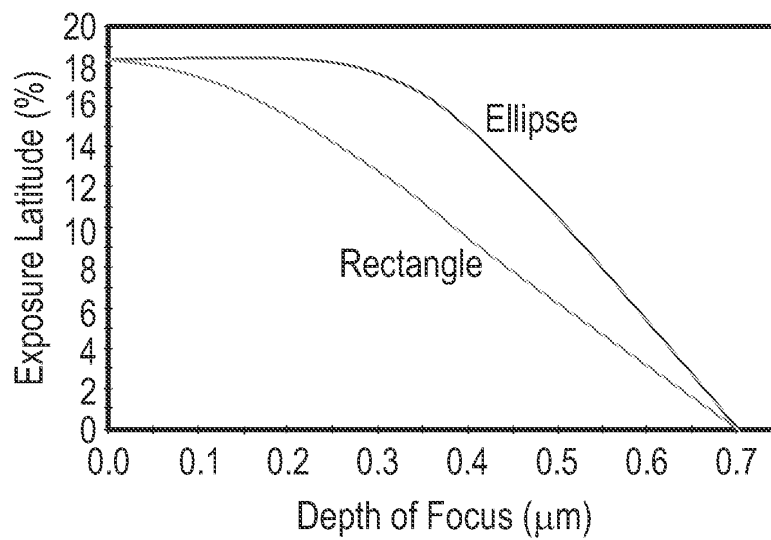


FIG. 41

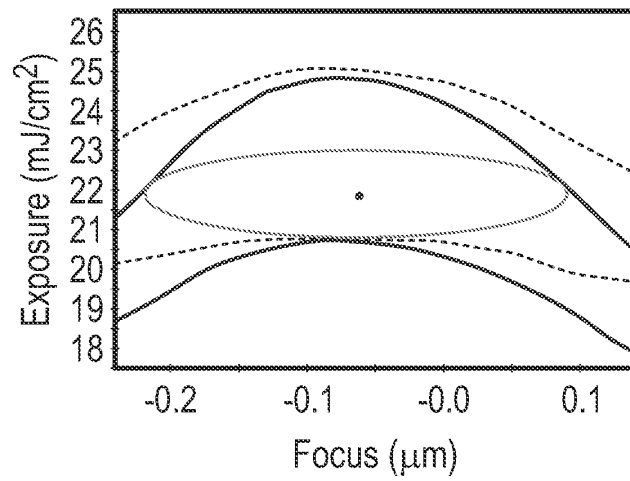


FIG. 42

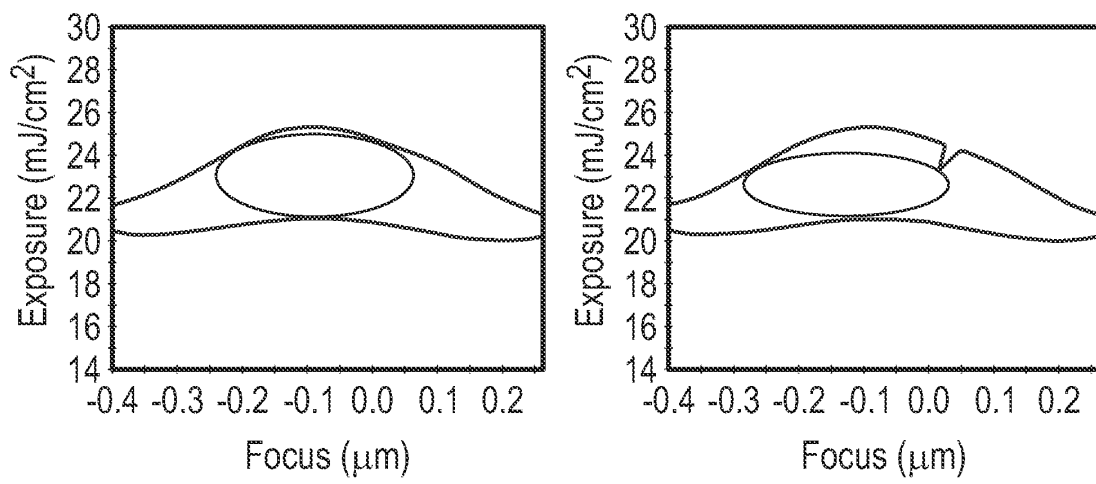


FIG. 43