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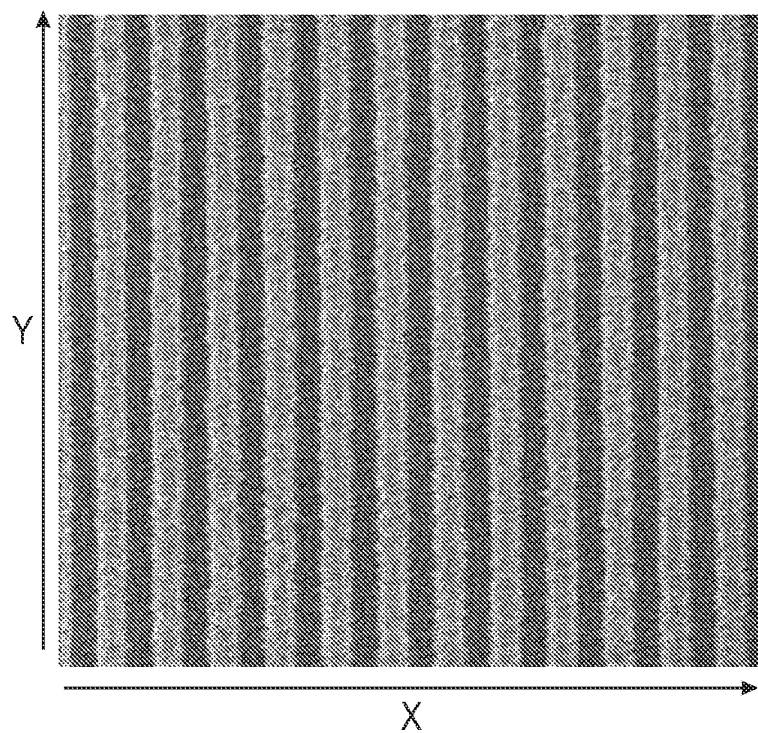


FIG. 1A

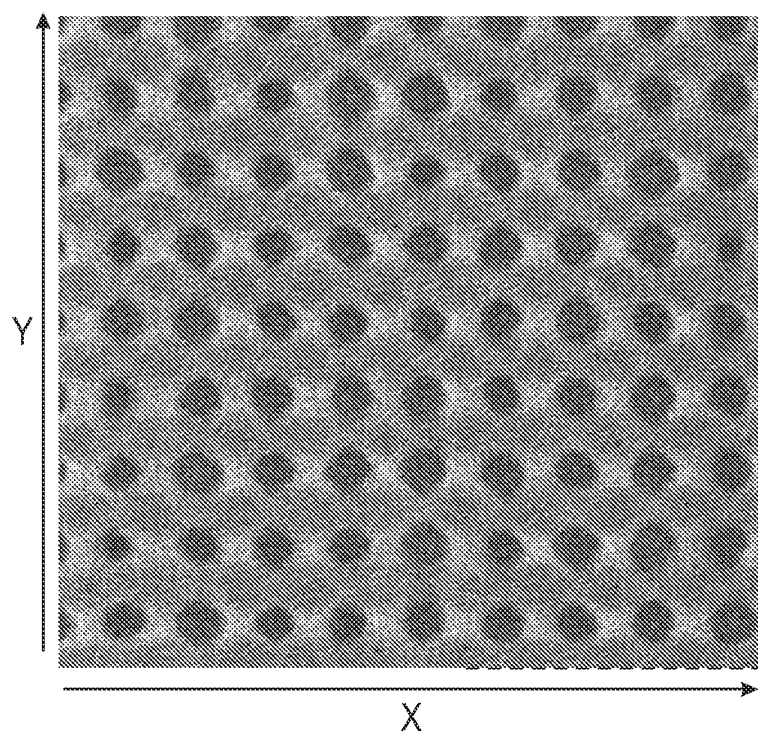


FIG. 1B

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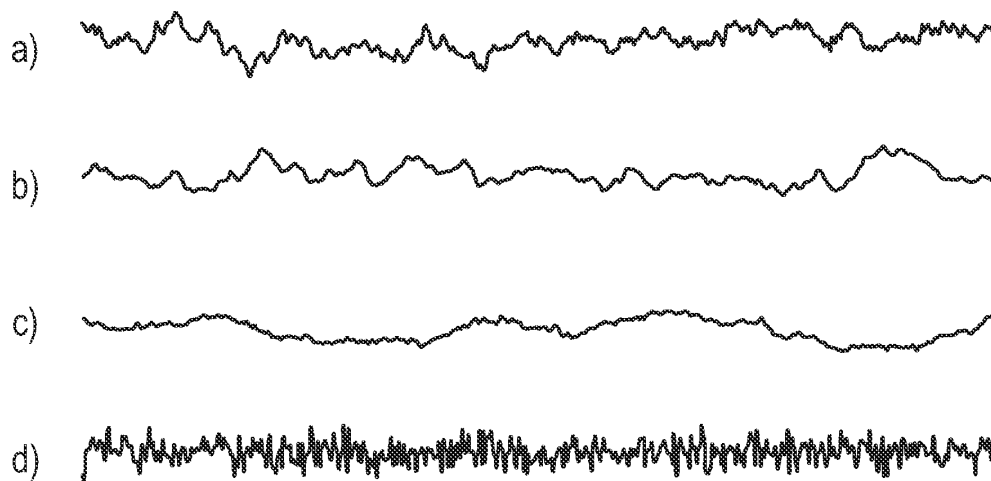


FIG. 2

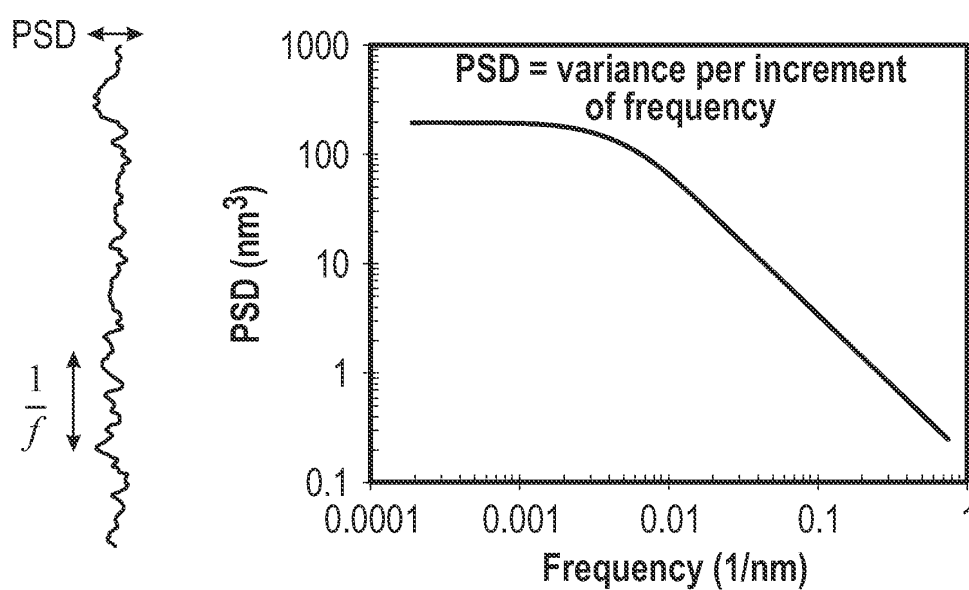
POWER SPECTRAL DENSITY (PSD) VS. FREQUENCY FOR
SAMPLE WITH ROUGH EDGE

FIG. 3

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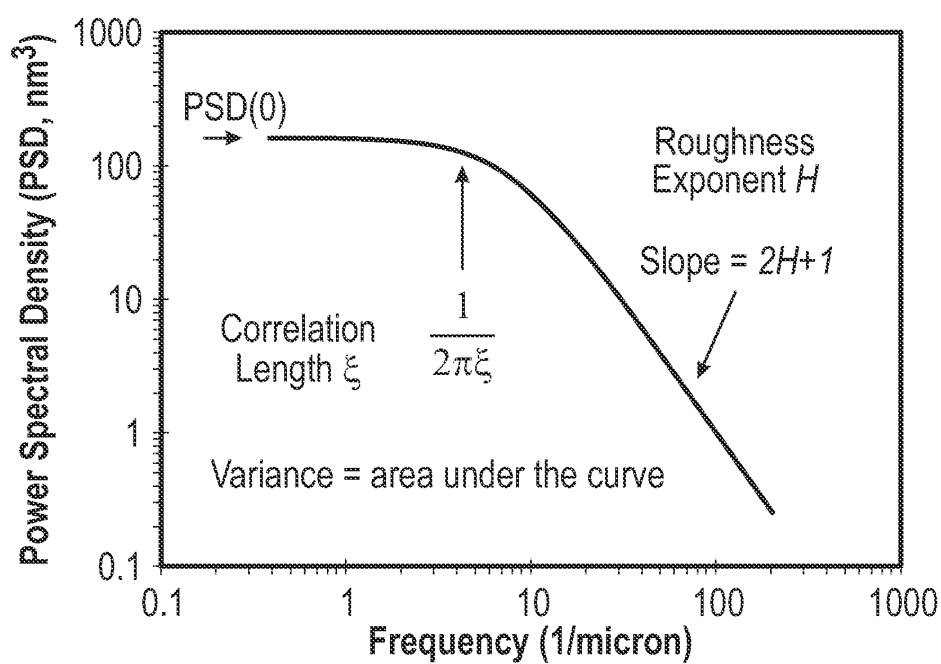


FIG. 4

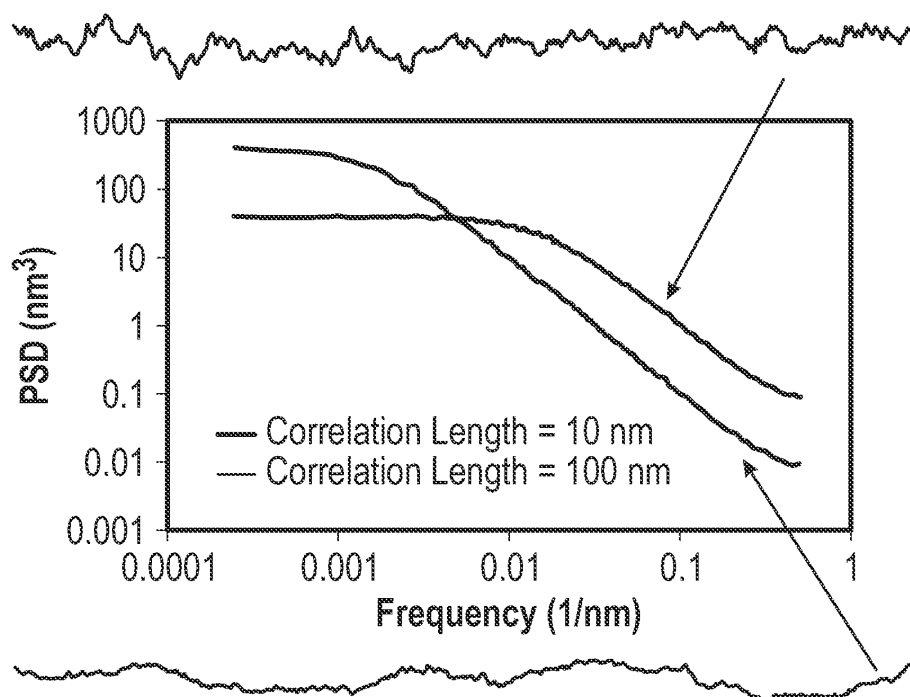


FIG. 5

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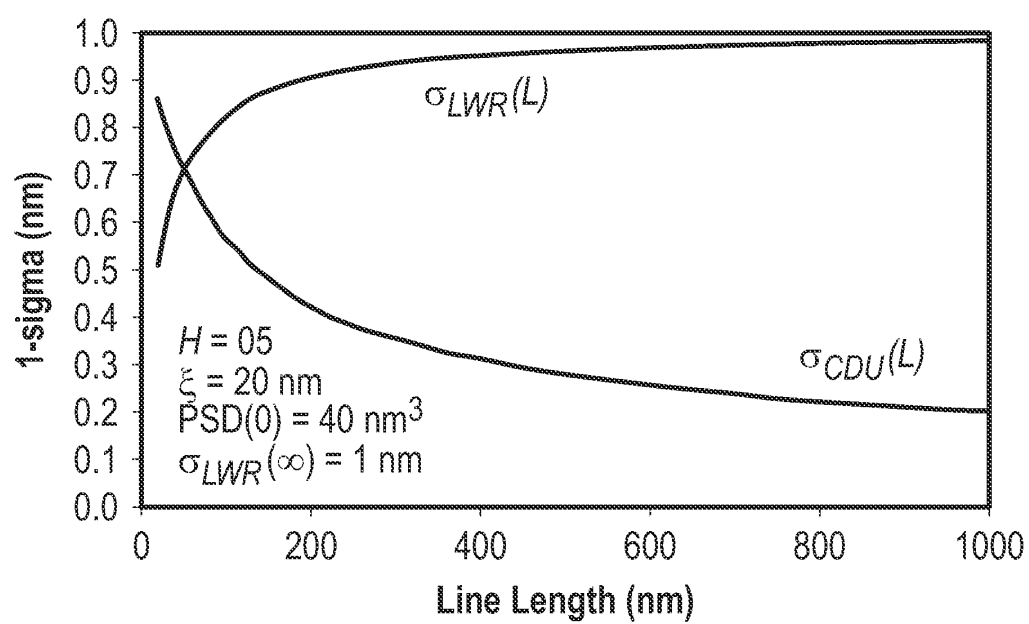


FIG. 6

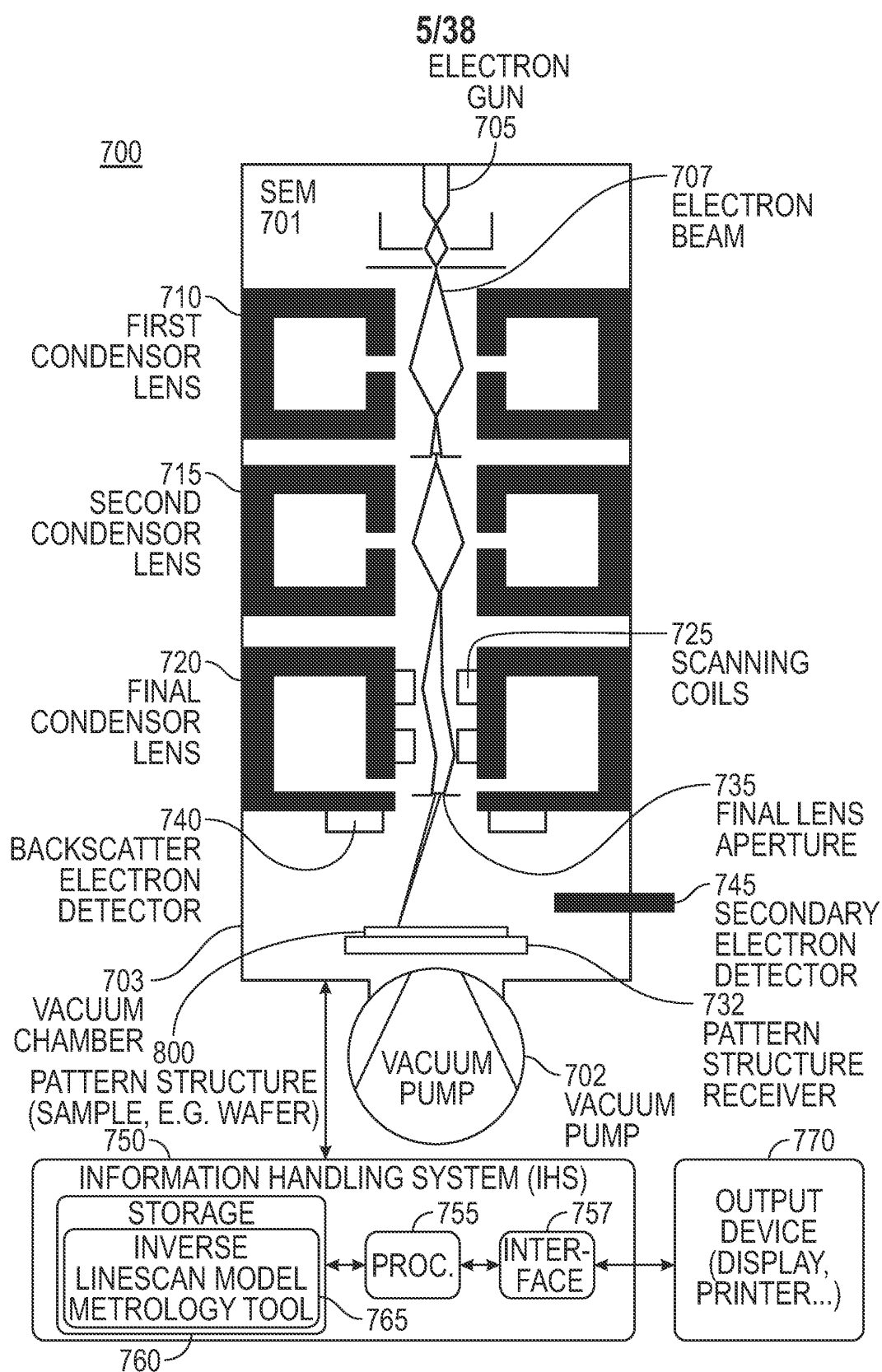


FIG. 7

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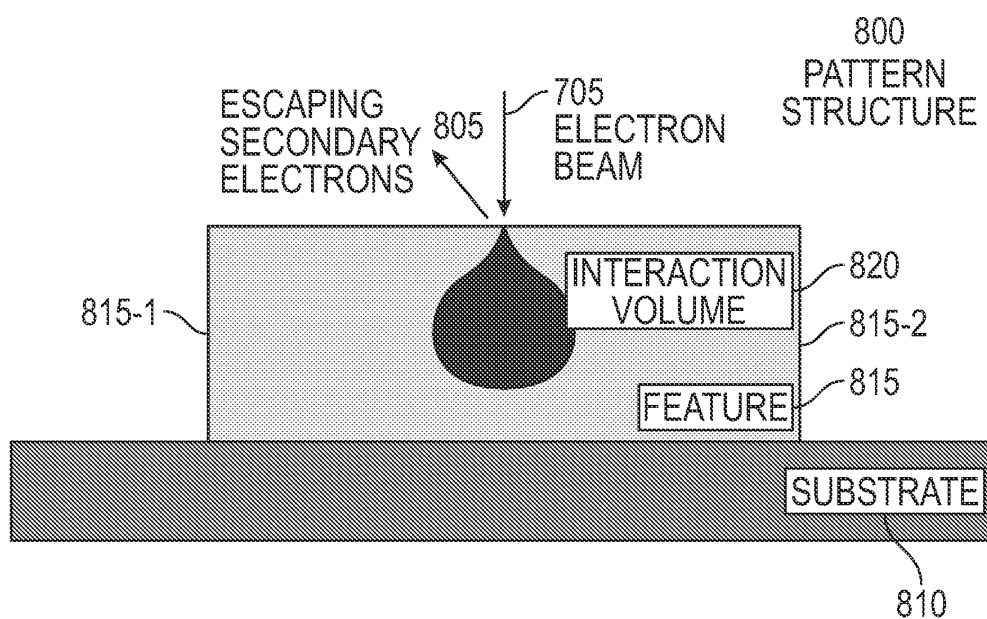


FIG. 8A

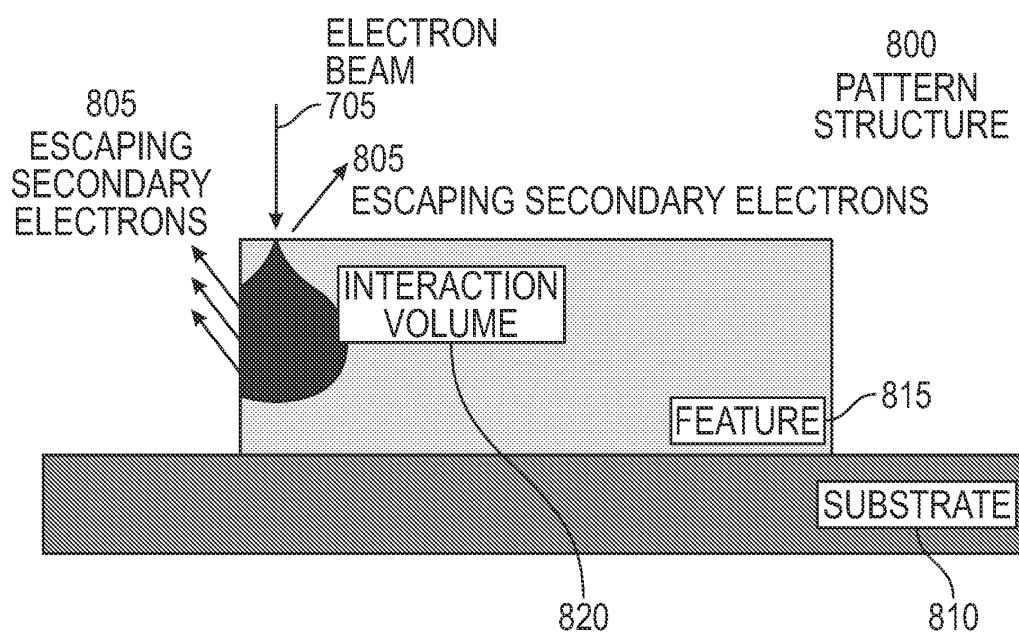


FIG. 8B

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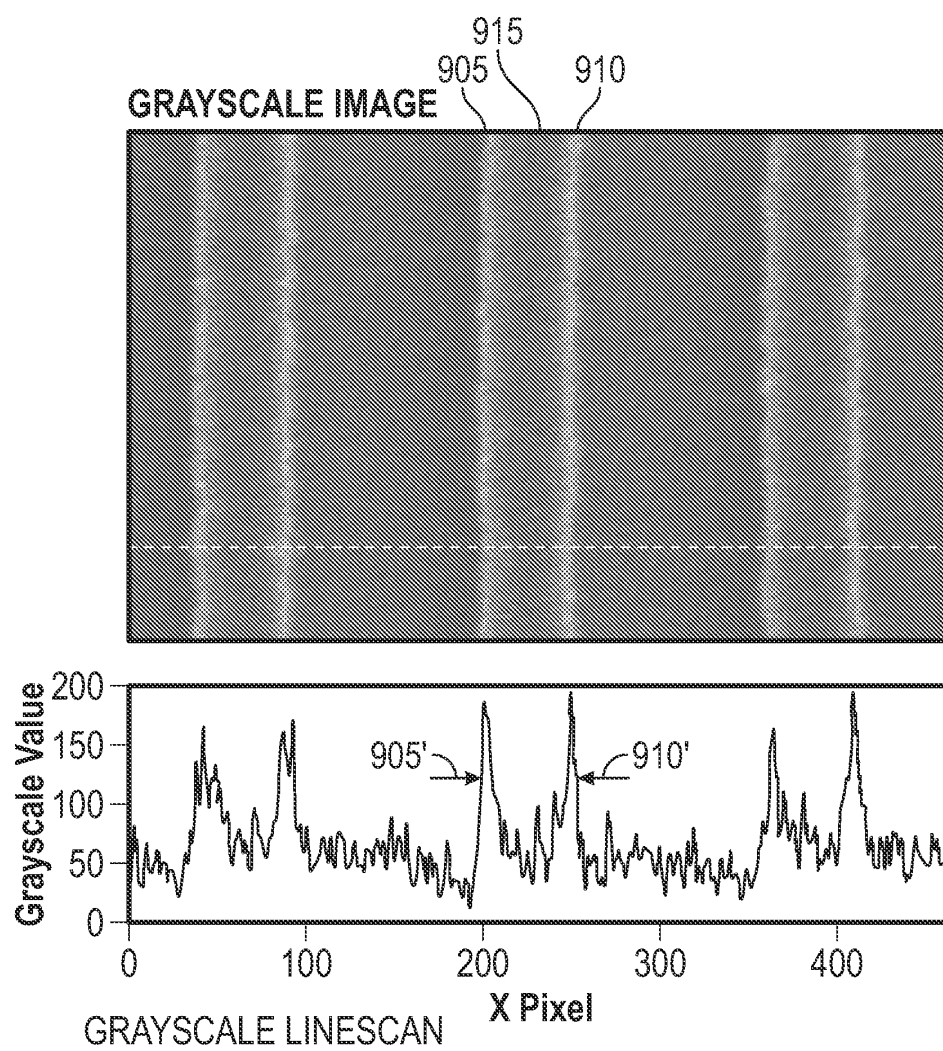


FIG. 9

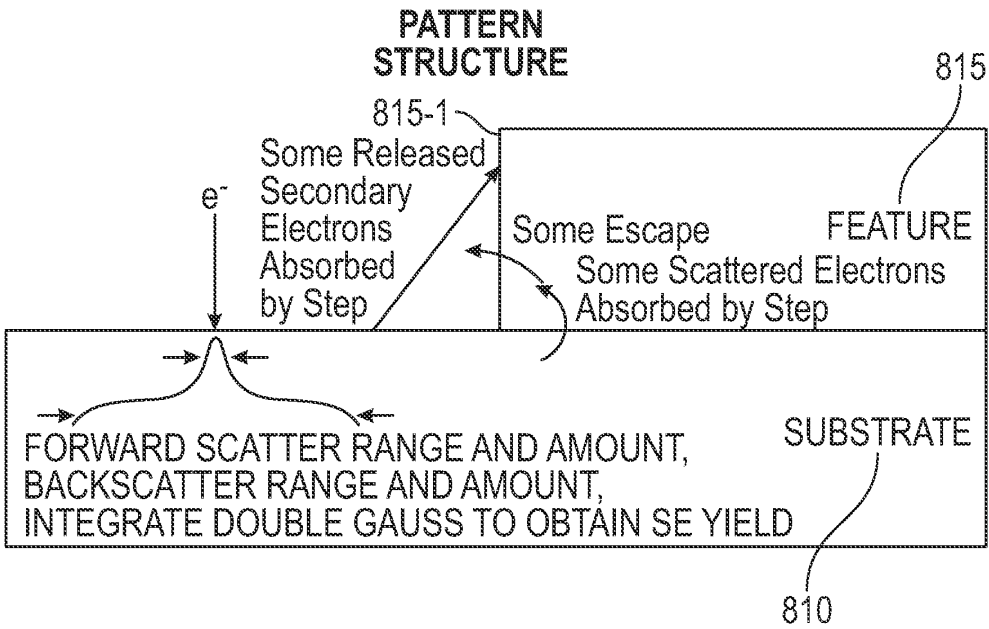


FIG. 10

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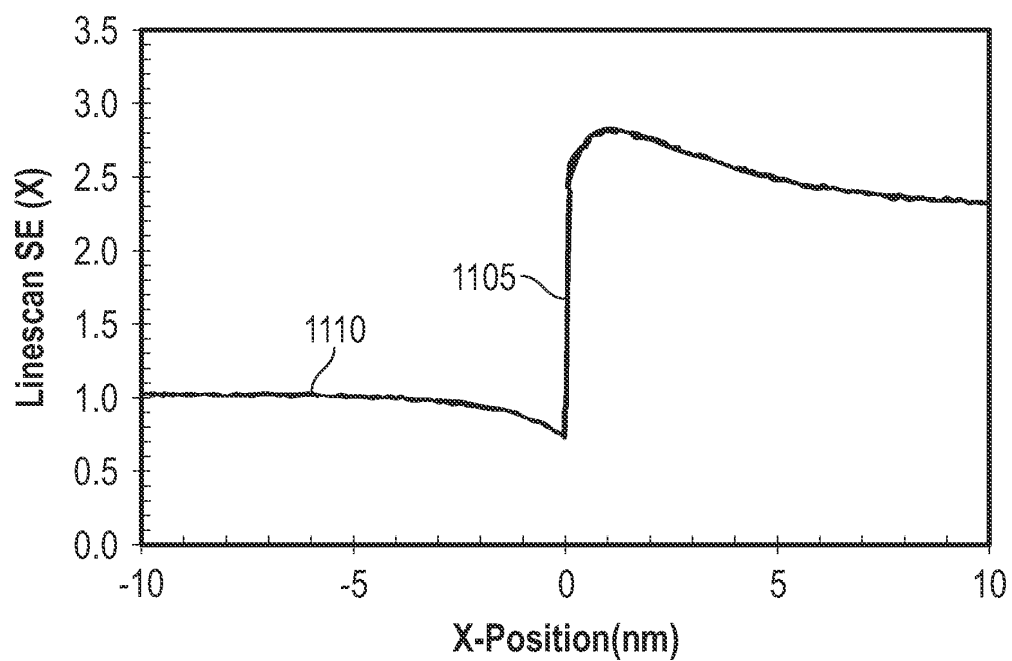


FIG. 11

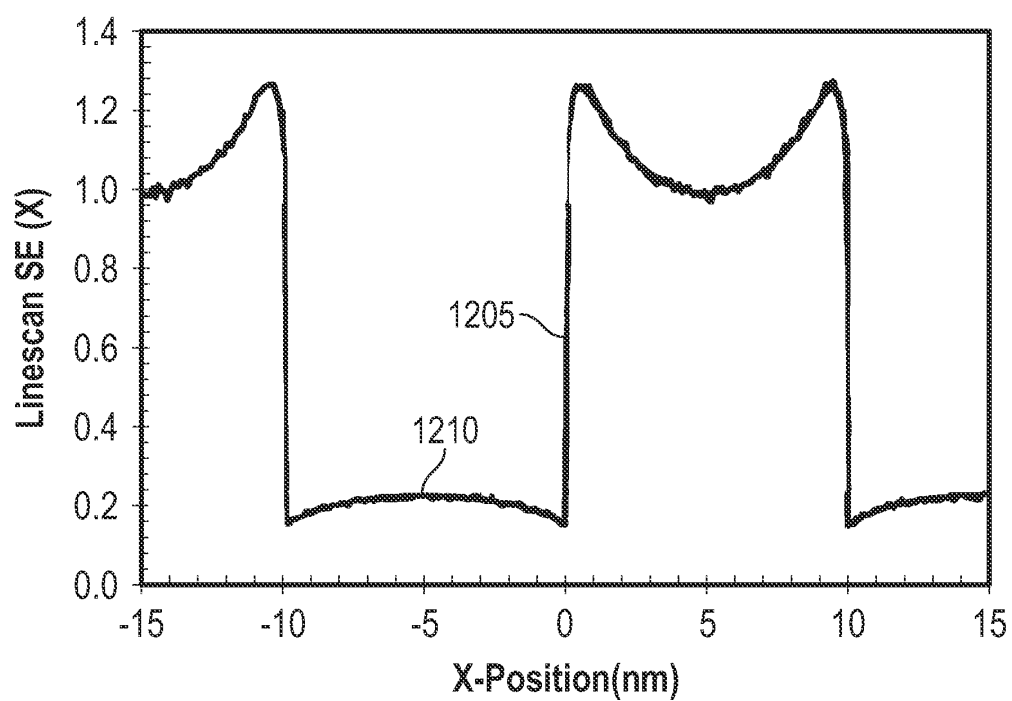


FIG. 12

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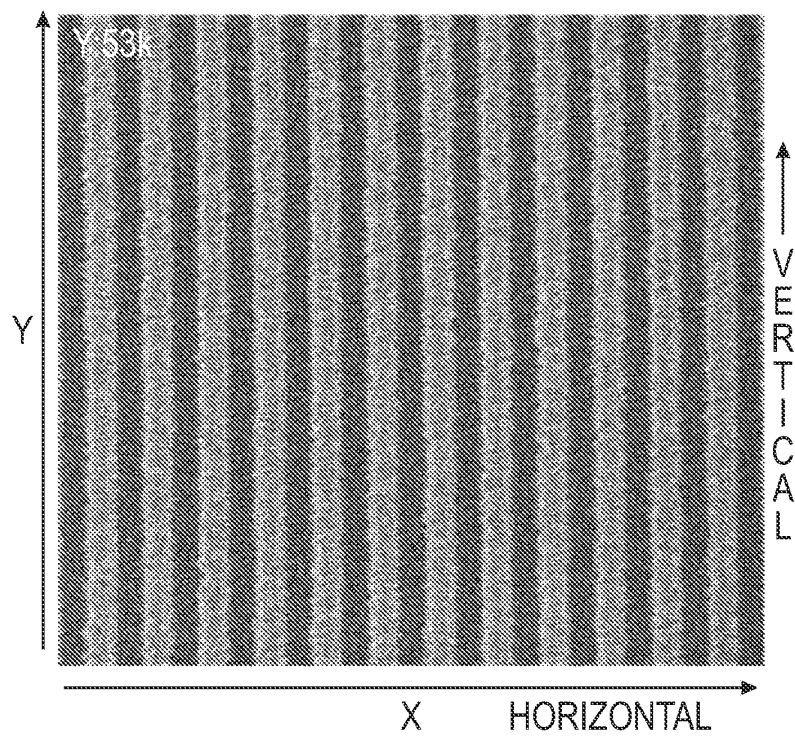


FIG. 13A

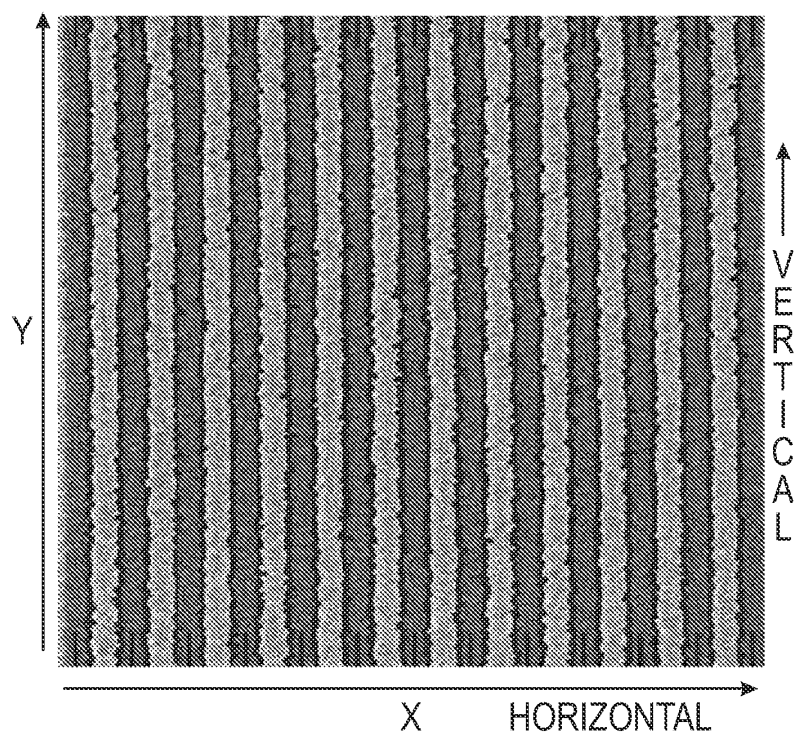


FIG. 13B

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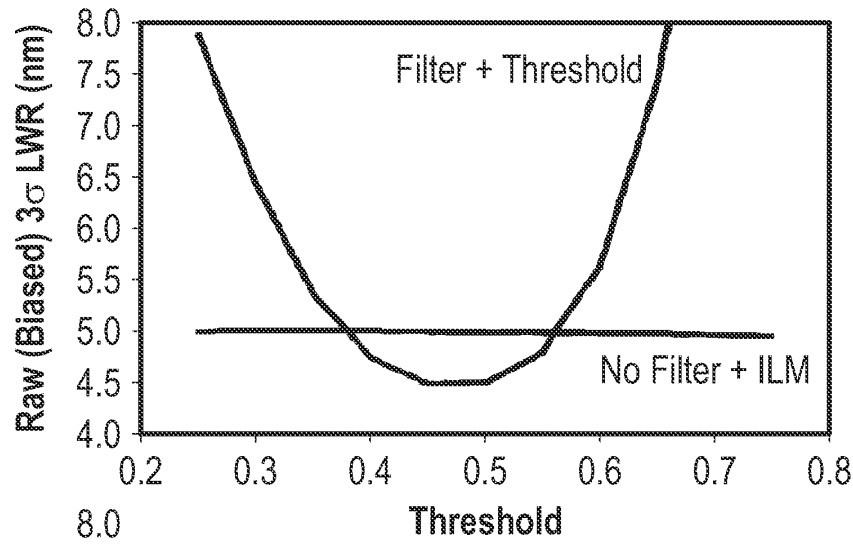


FIG. 14

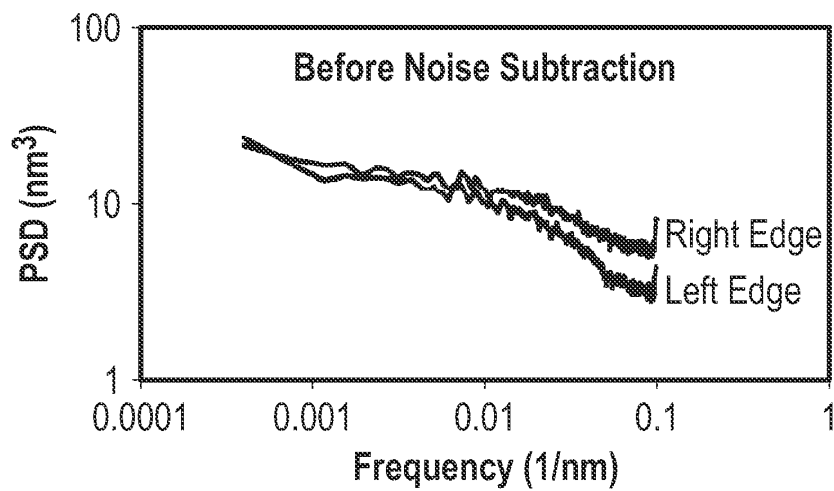


FIG. 15A

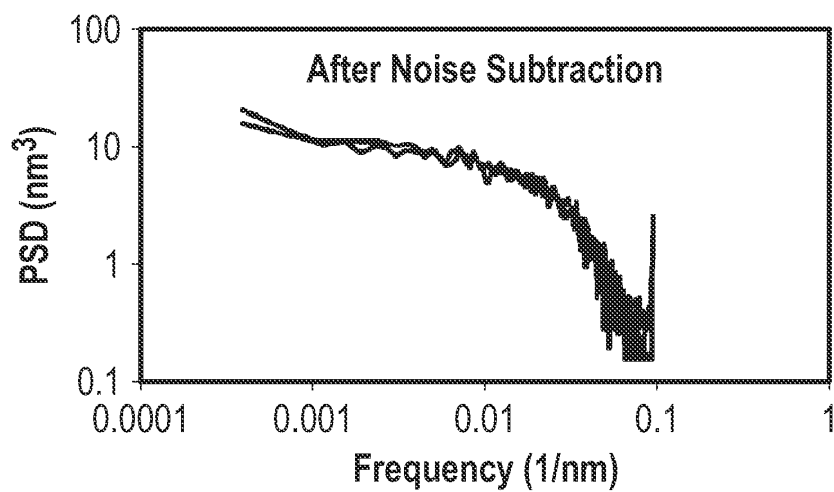


FIG. 15B

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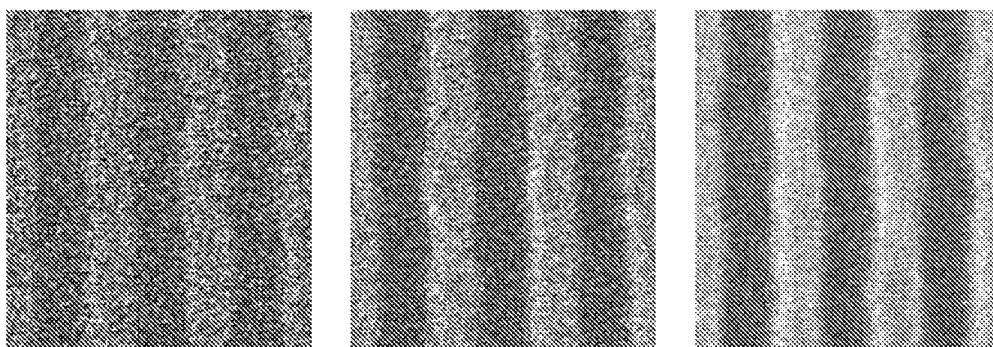
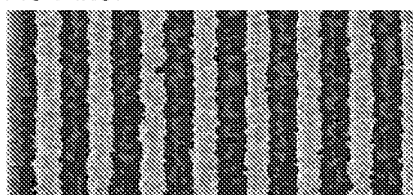


FIG. 16

No Filter



7X2 Gaussian Filter

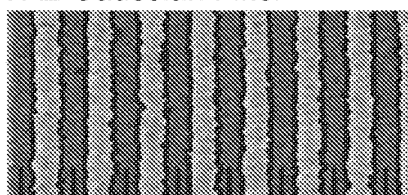


FIG. 17C

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Greyscale value (vertical axis) versus horizontal position

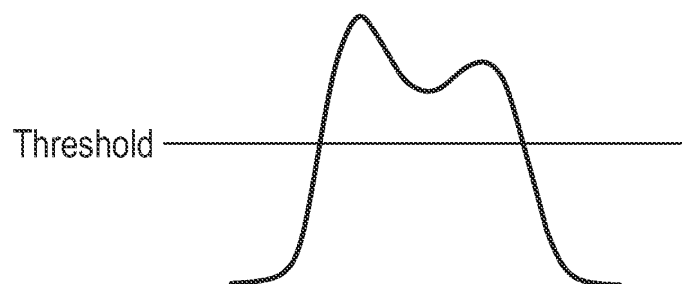


FIG. 17A

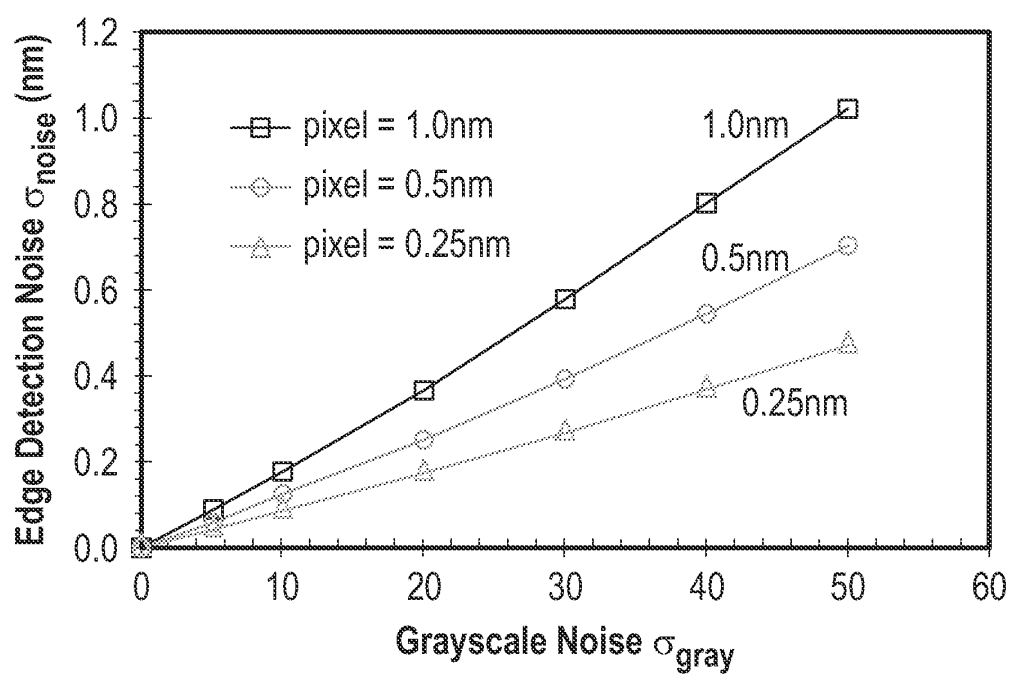


FIG. 17B

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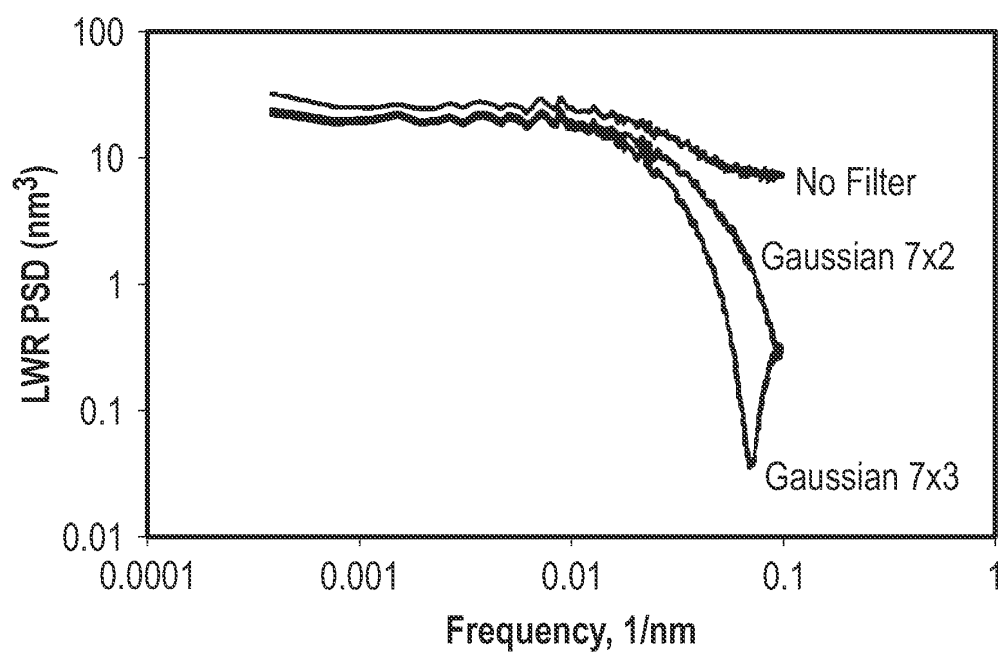


FIG. 18

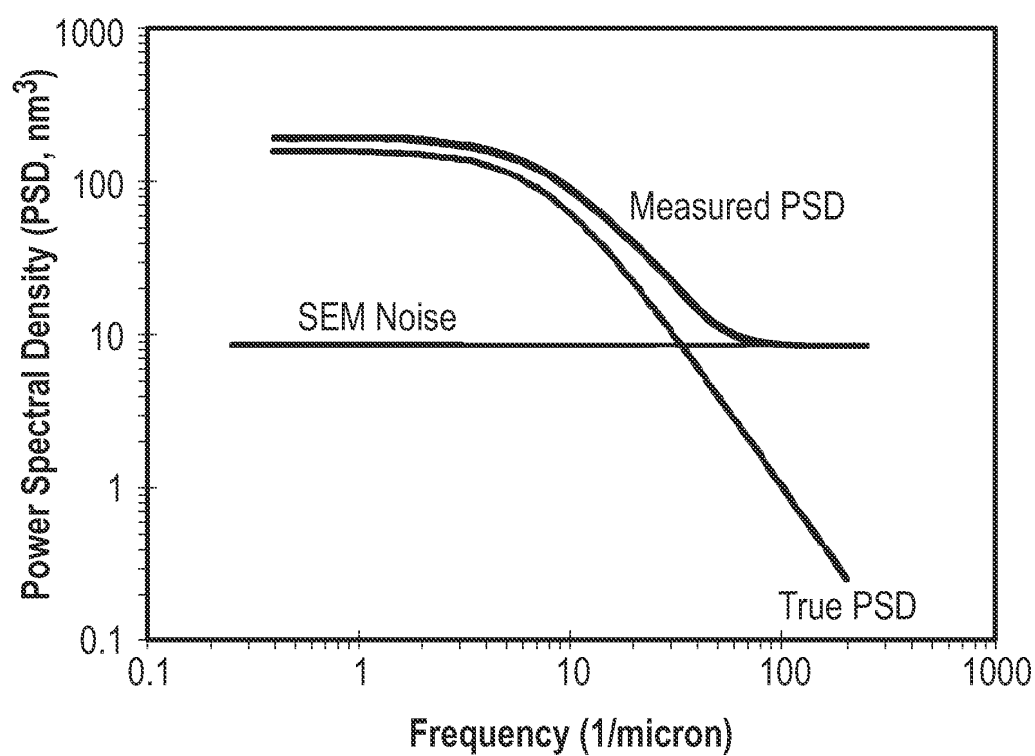


FIG. 19

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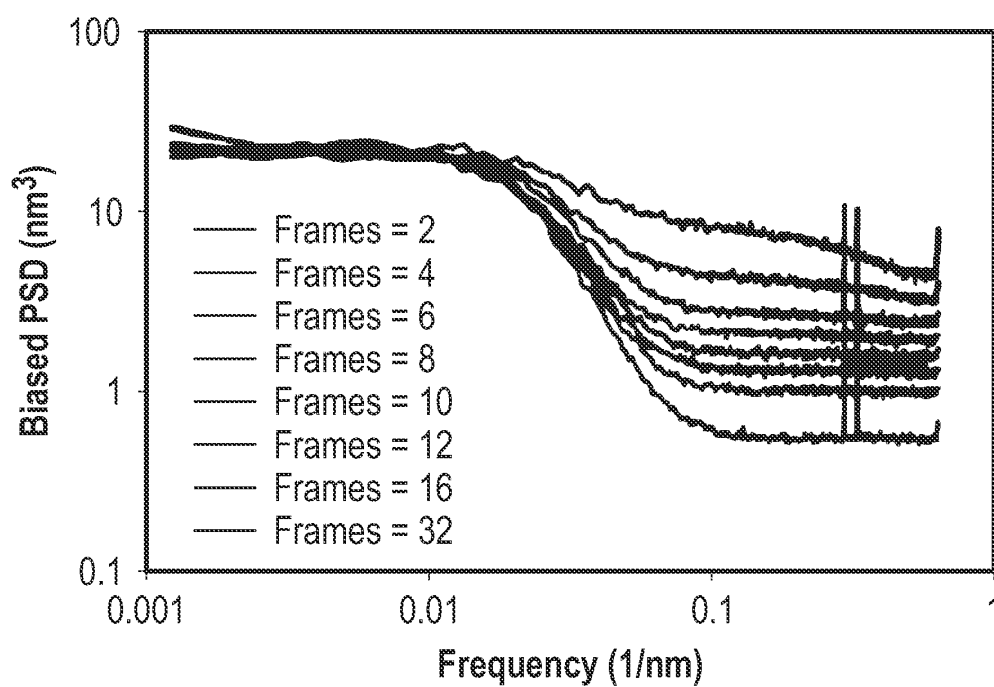


FIG. 20

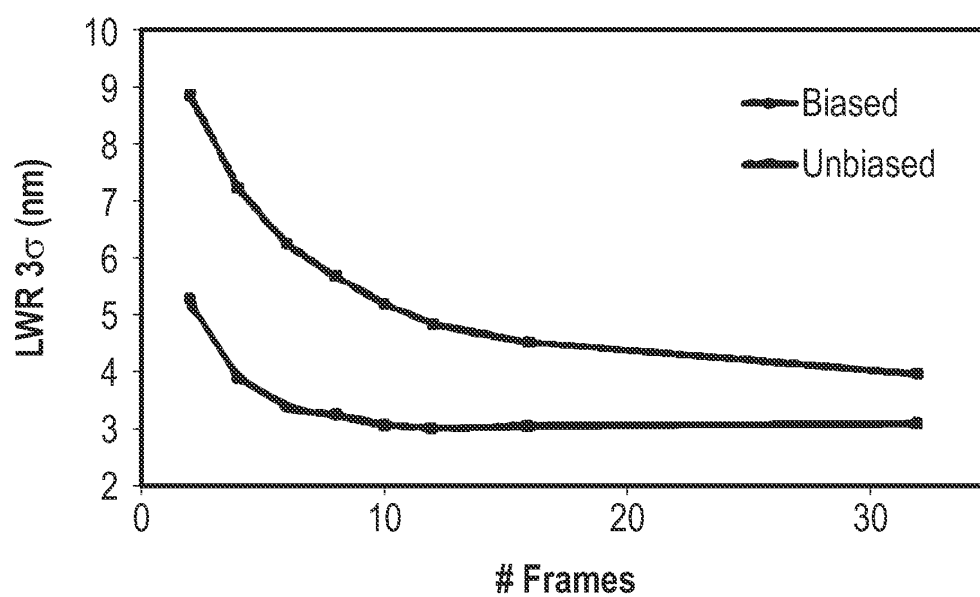


FIG. 21

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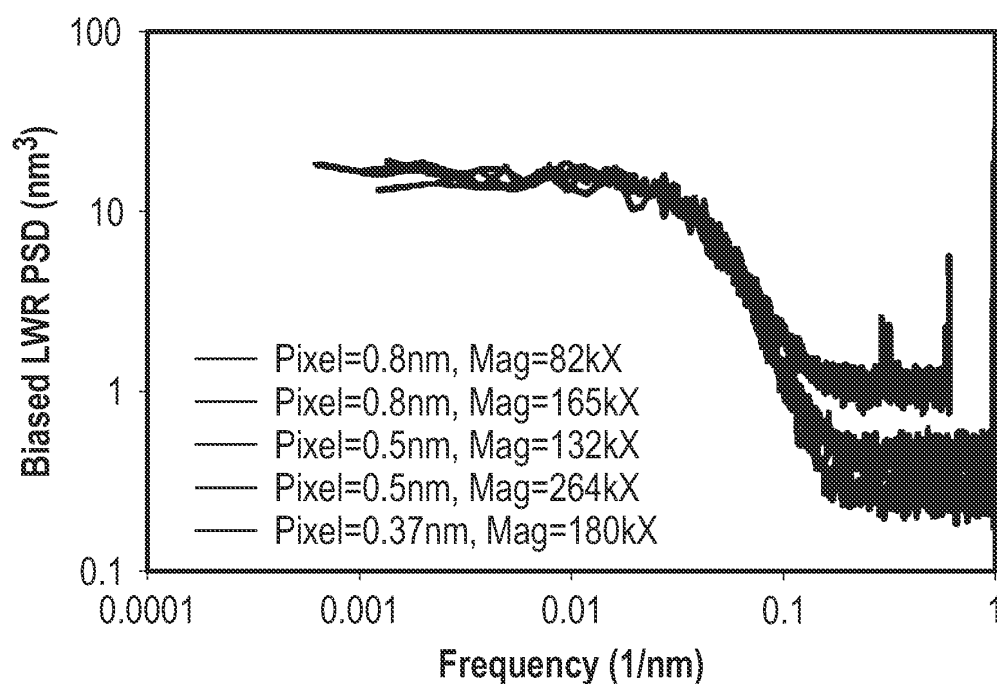


FIG. 22A

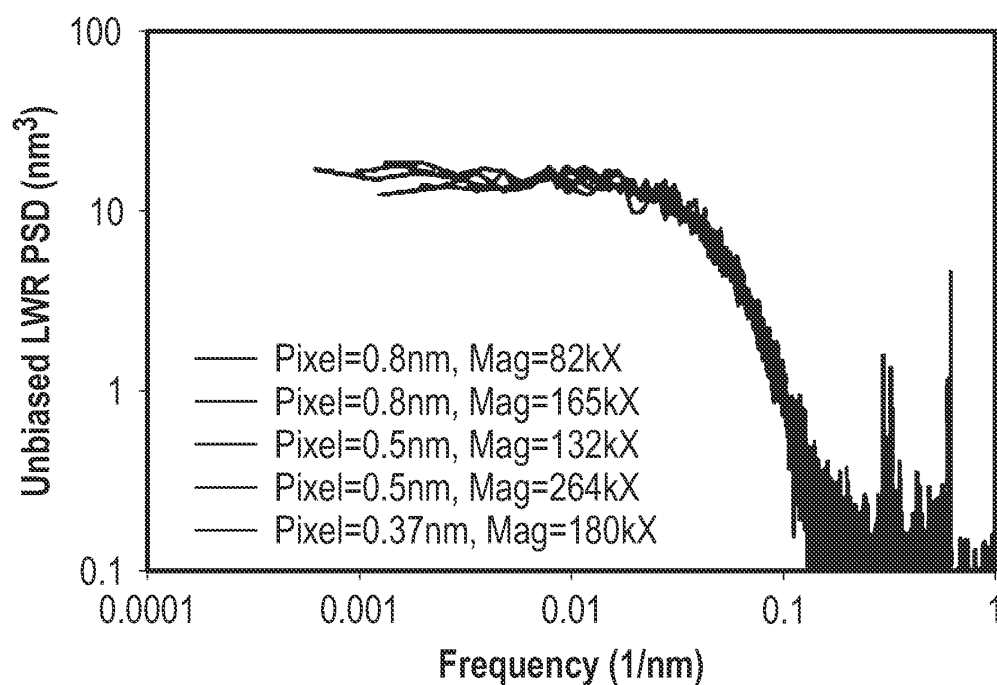


FIG. 22B

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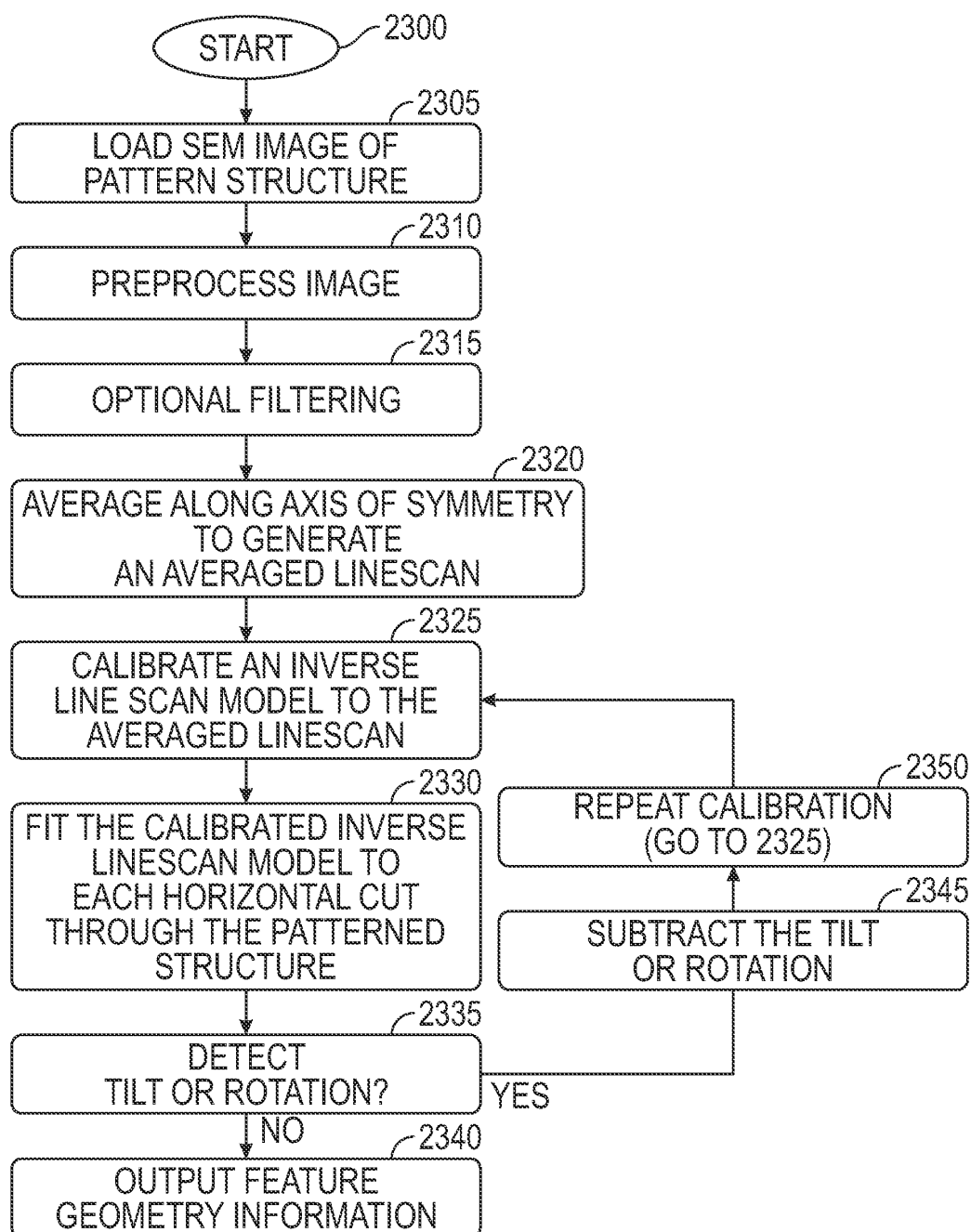


FIG. 23

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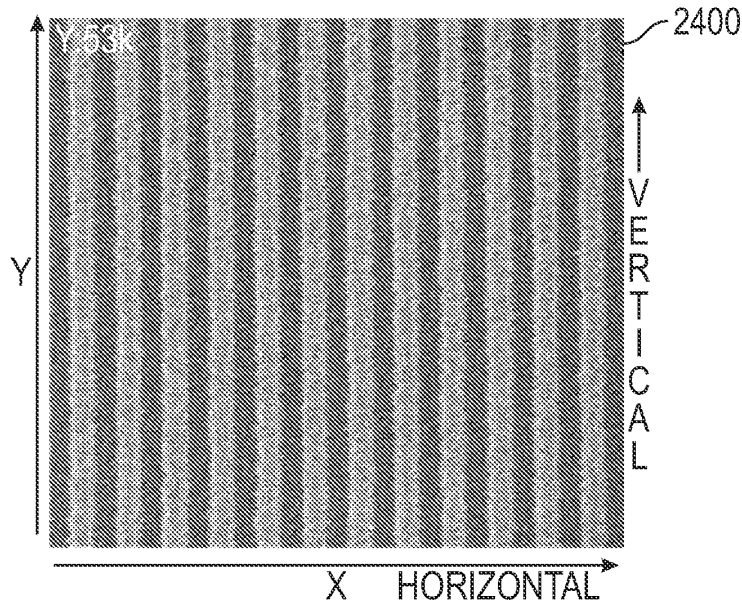


FIG. 24A

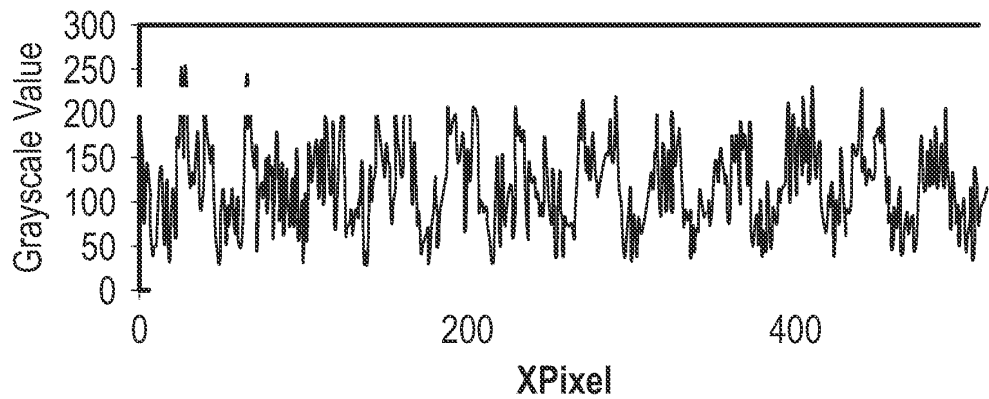


FIG. 24B

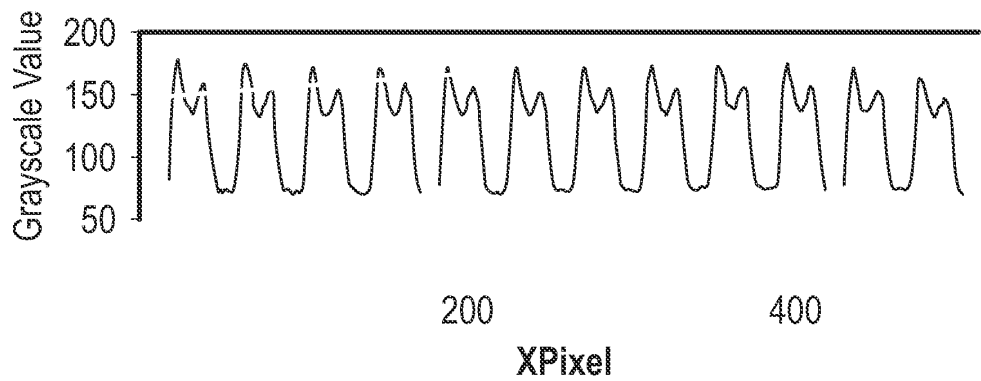


FIG. 24C

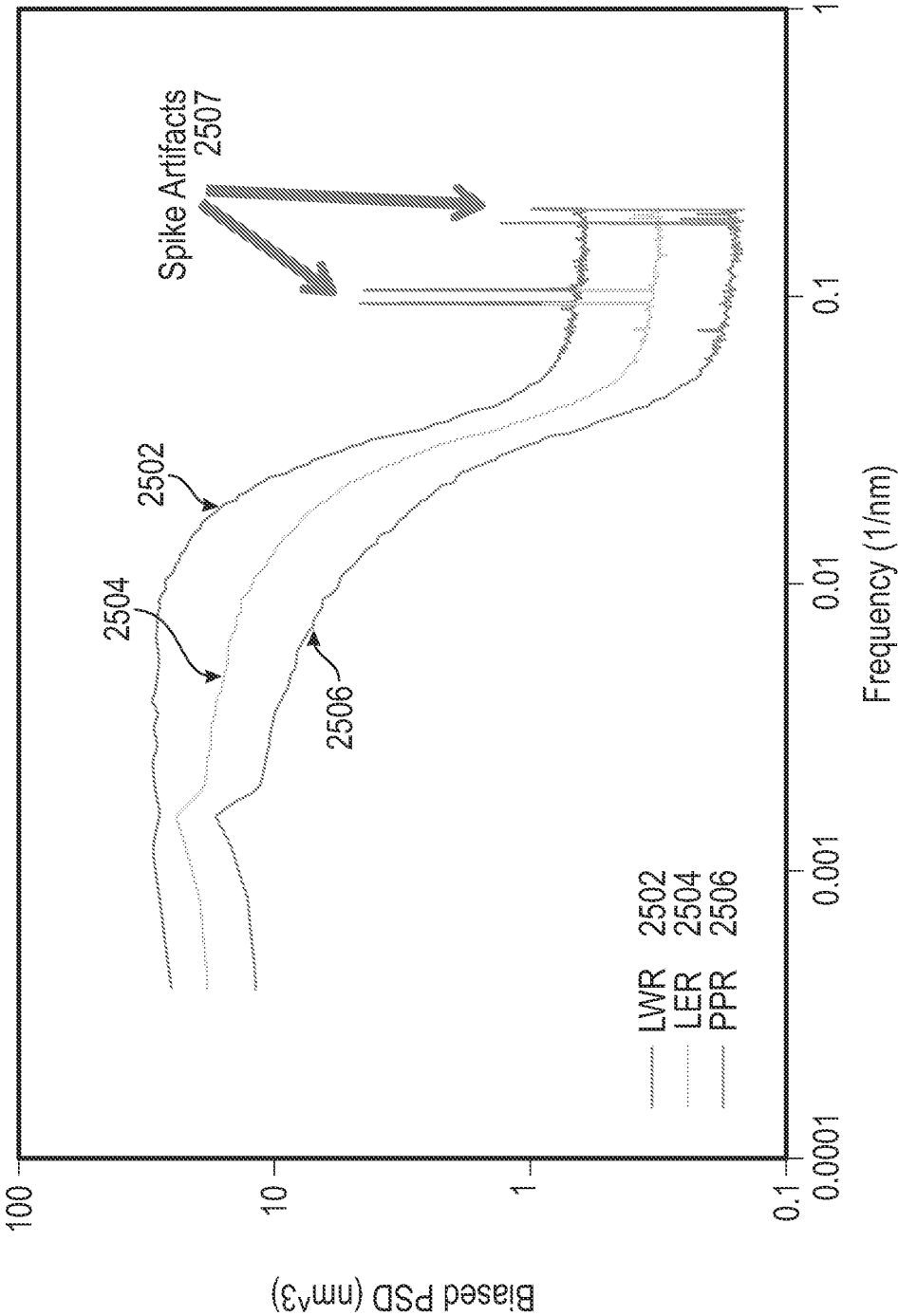


FIG. 25A

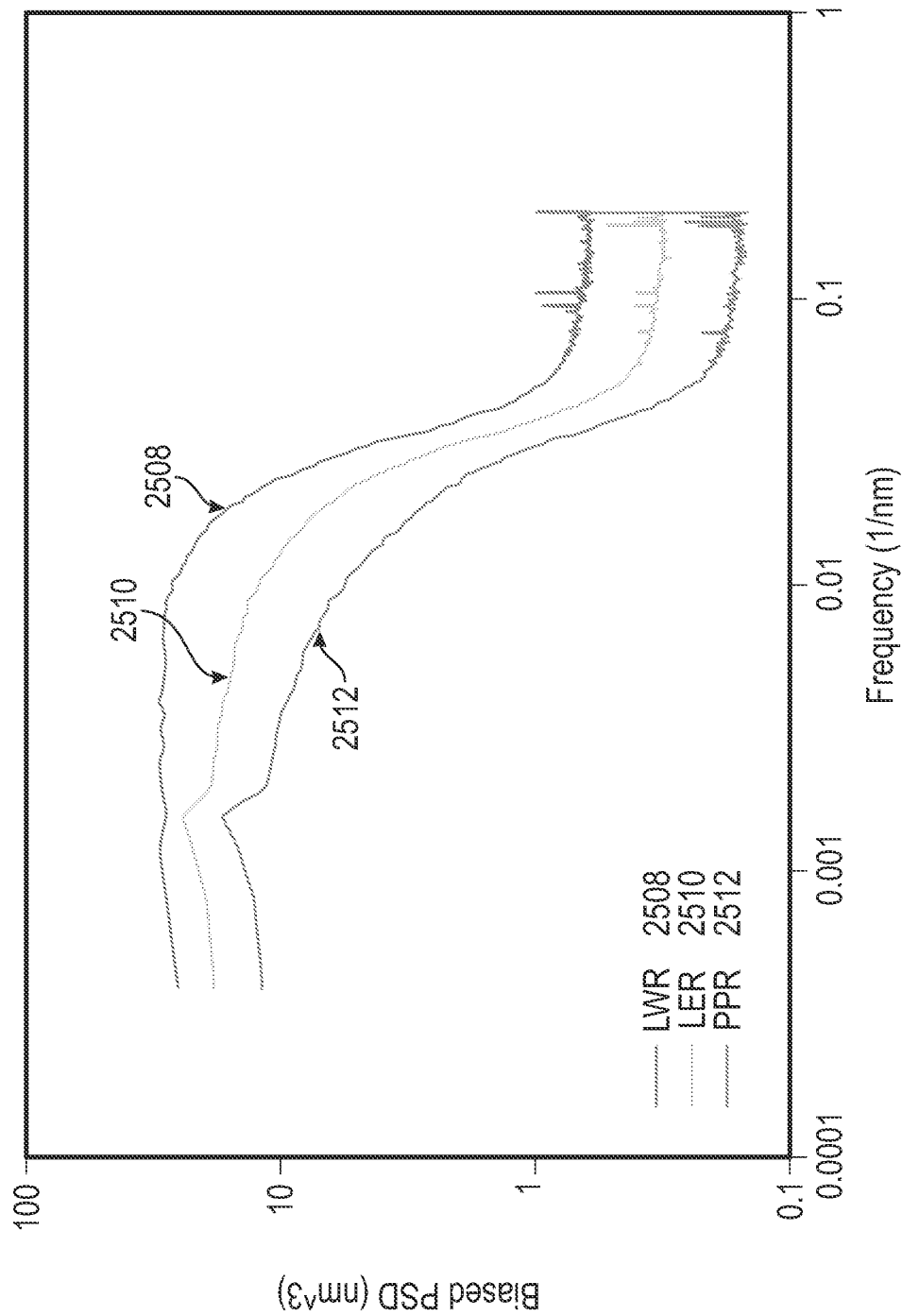


FIG. 25B

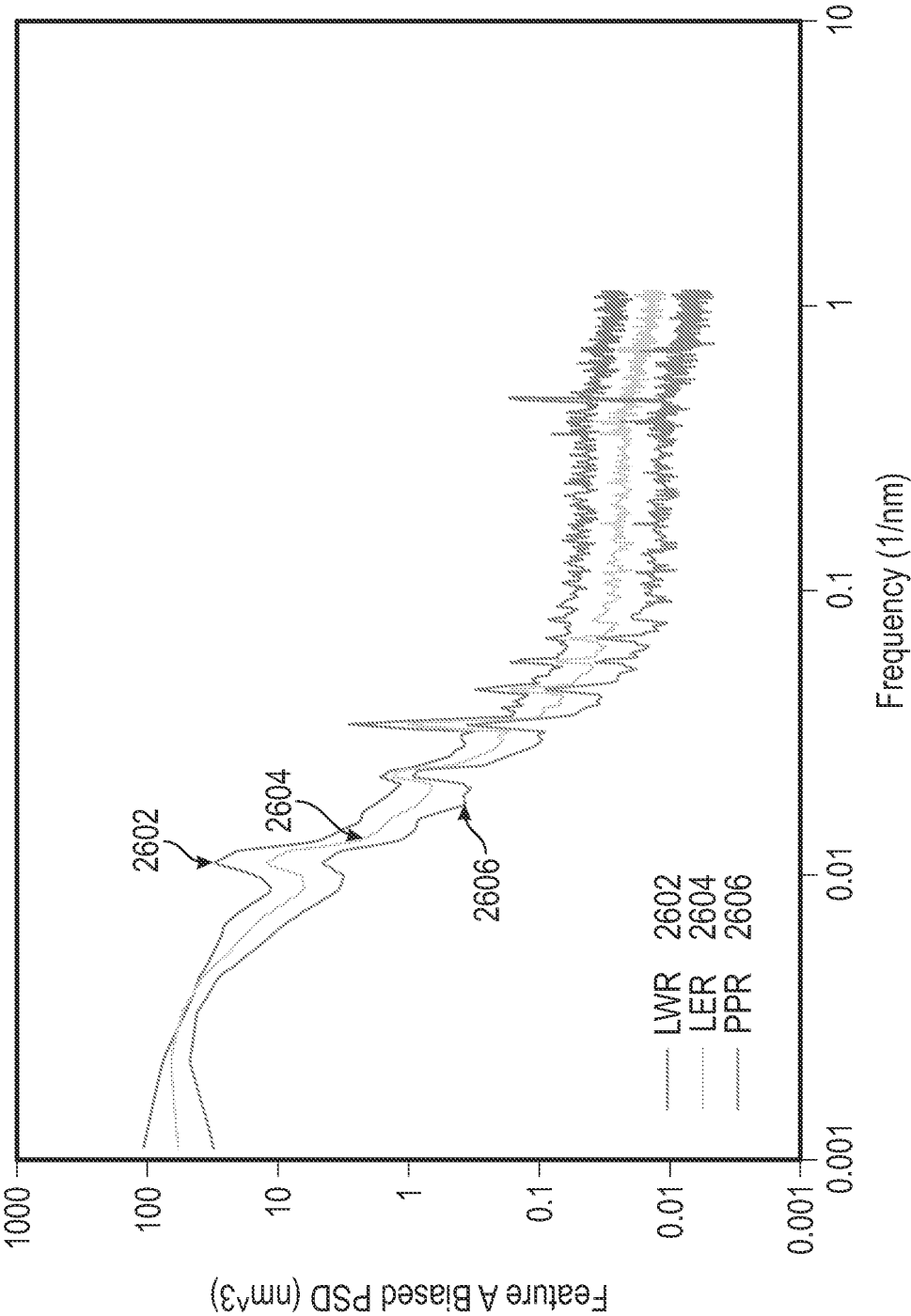
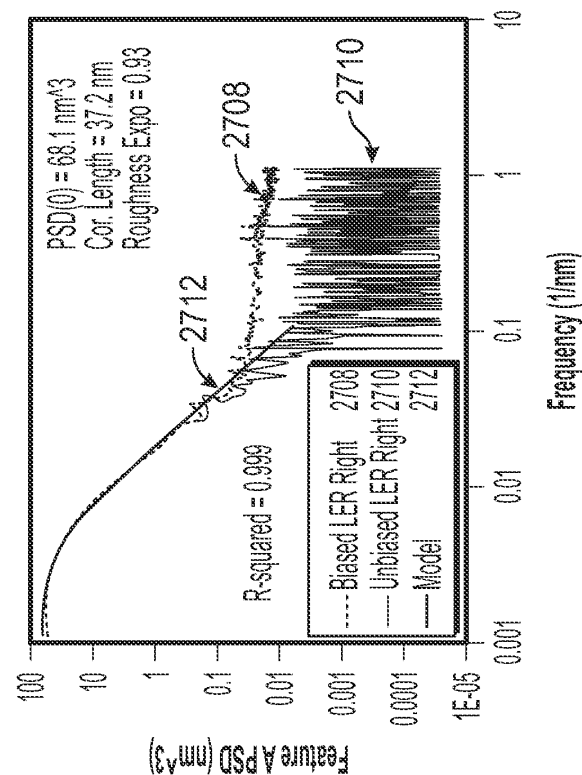
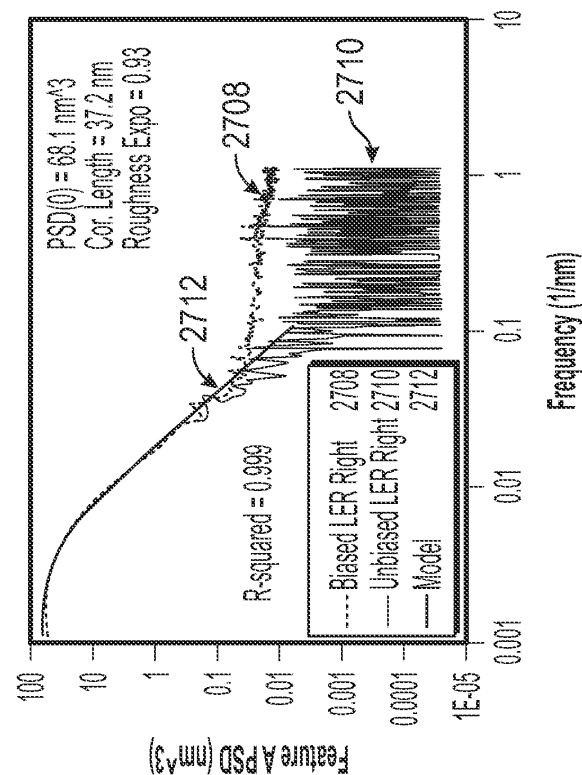


FIG. 26



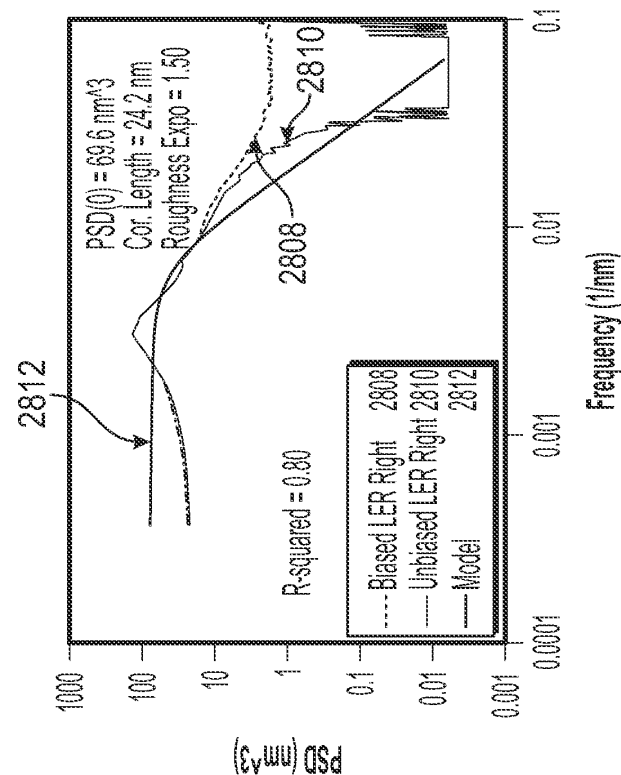
Original PSDs

FIG. 27A



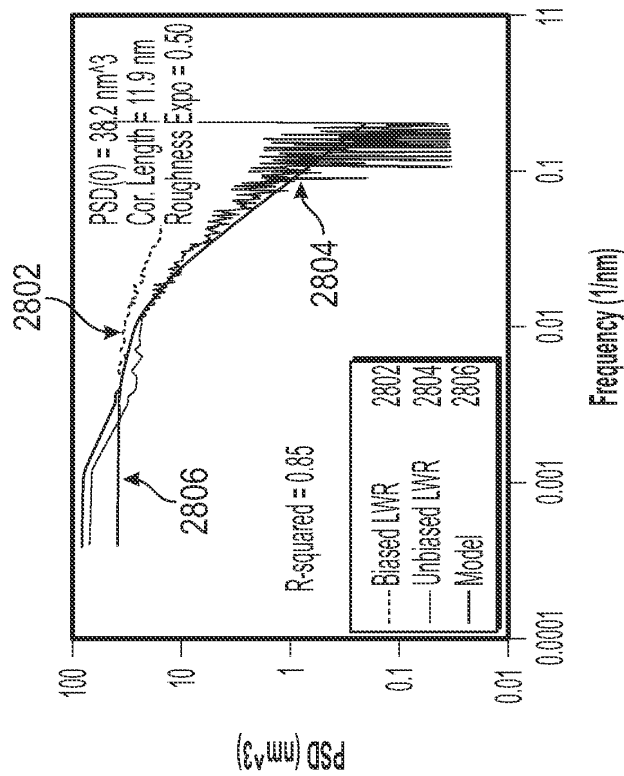
After Spike Removal

FIG. 27B



Bump Type II (Wiggle)

FIG. 28B



Bump Type I

FIG. 28A

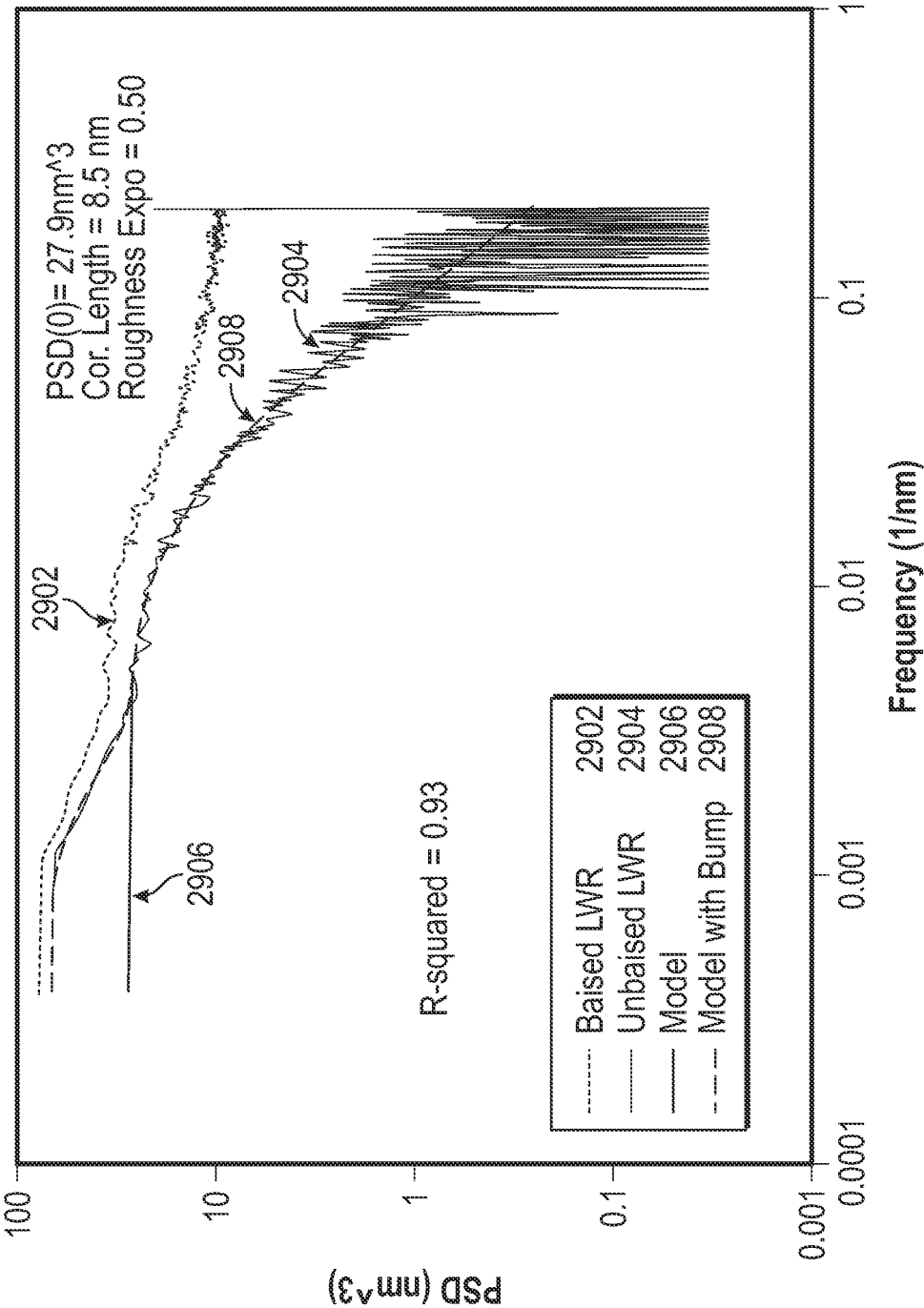


FIG. 29A

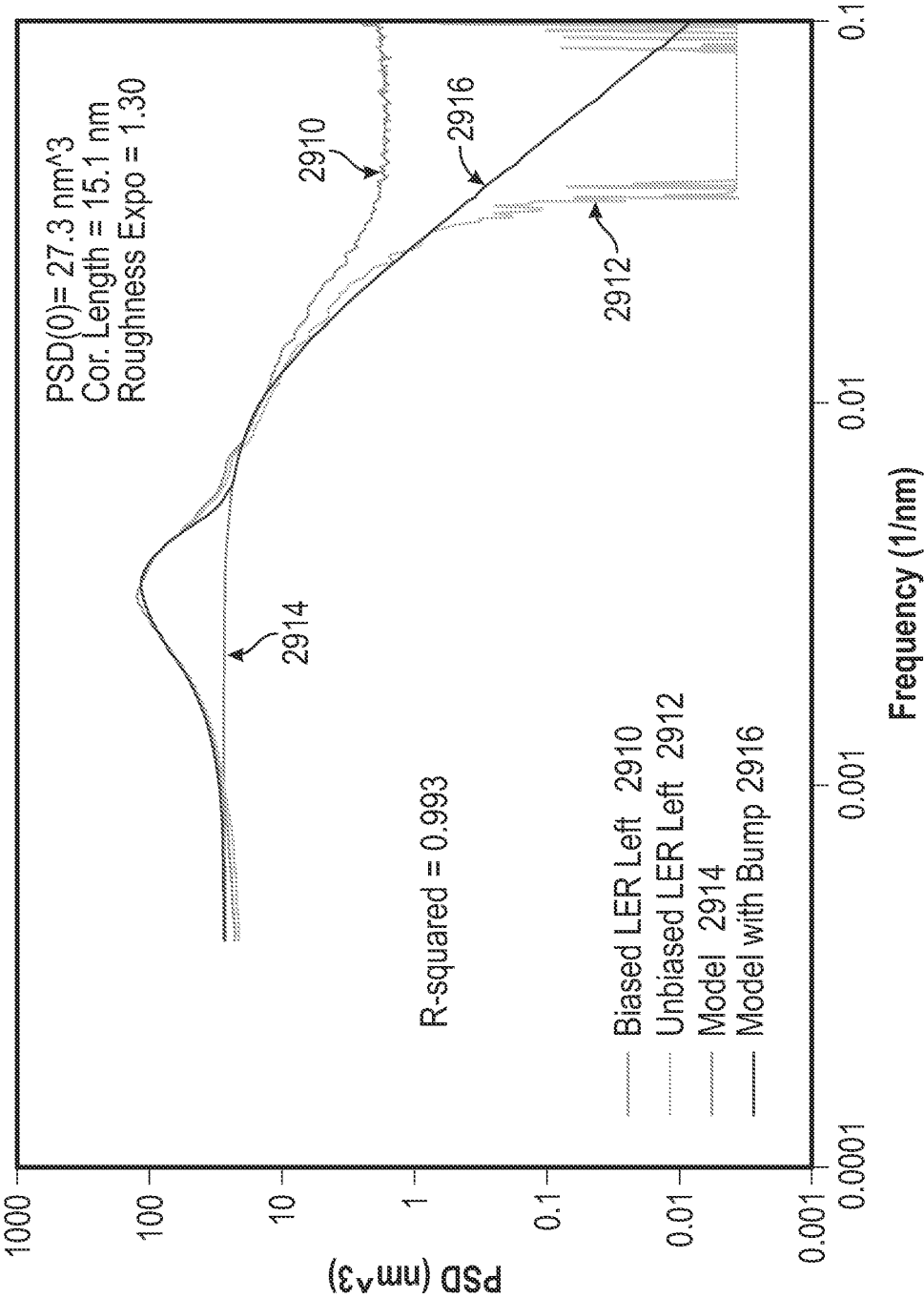


FIG. 29B

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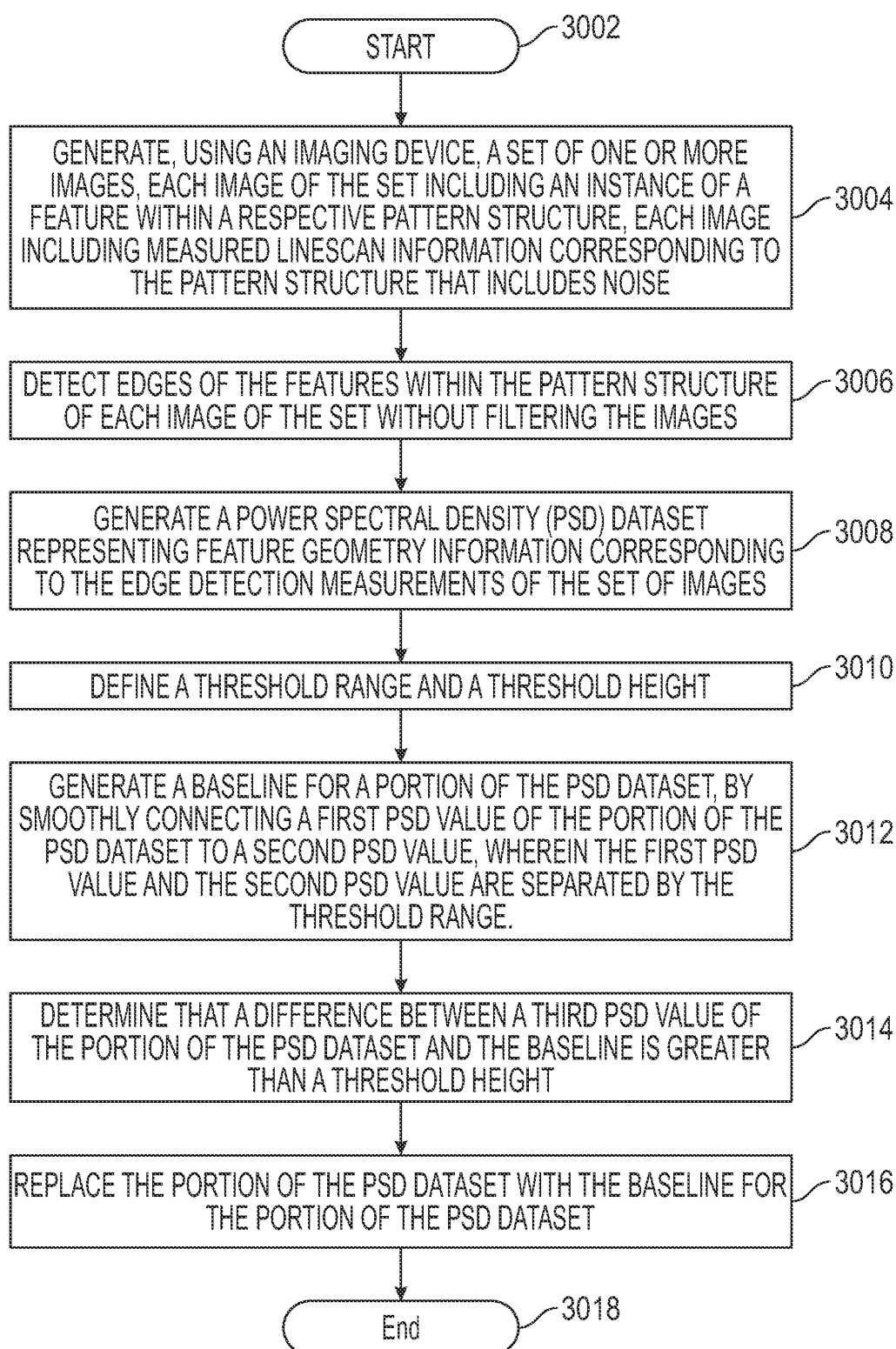


FIG. 30

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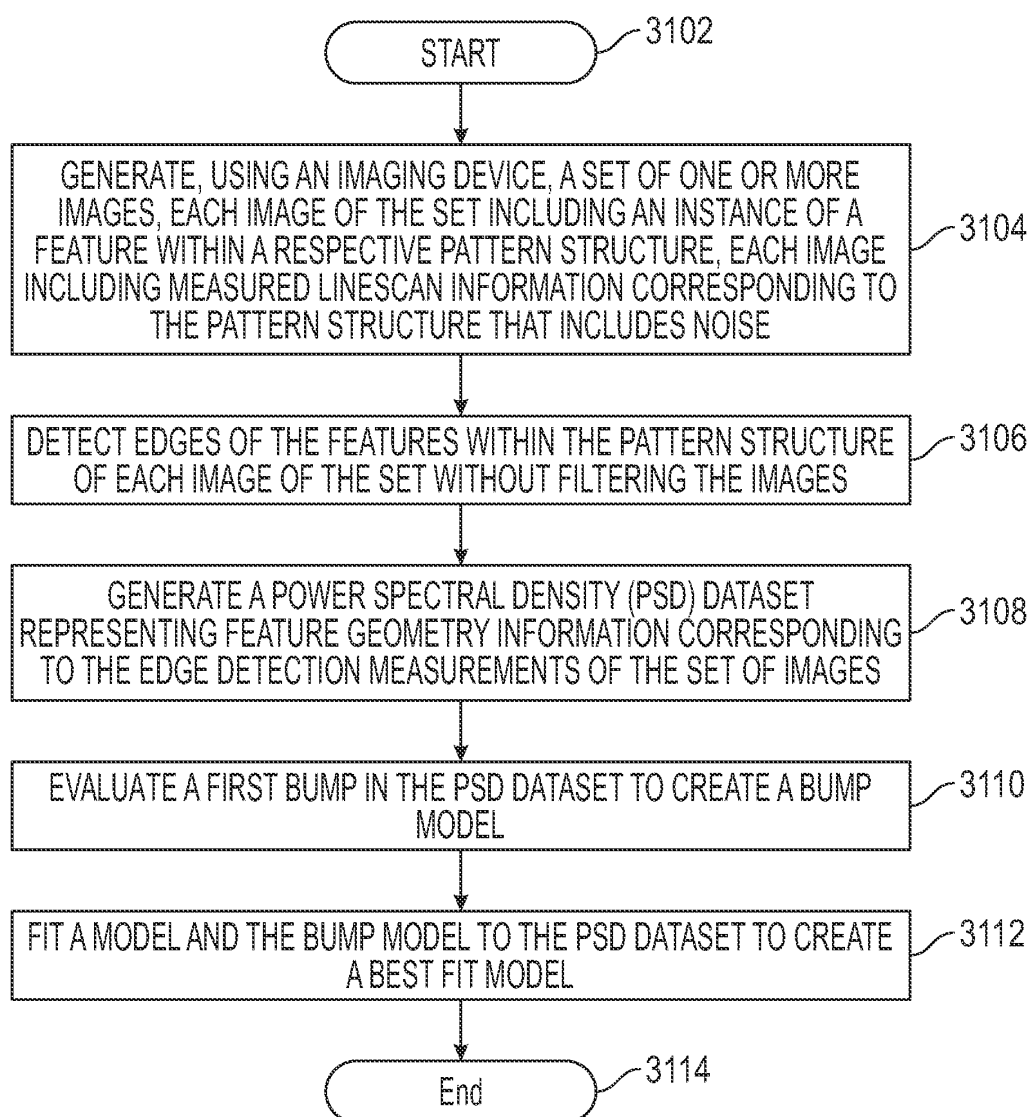


FIG. 31

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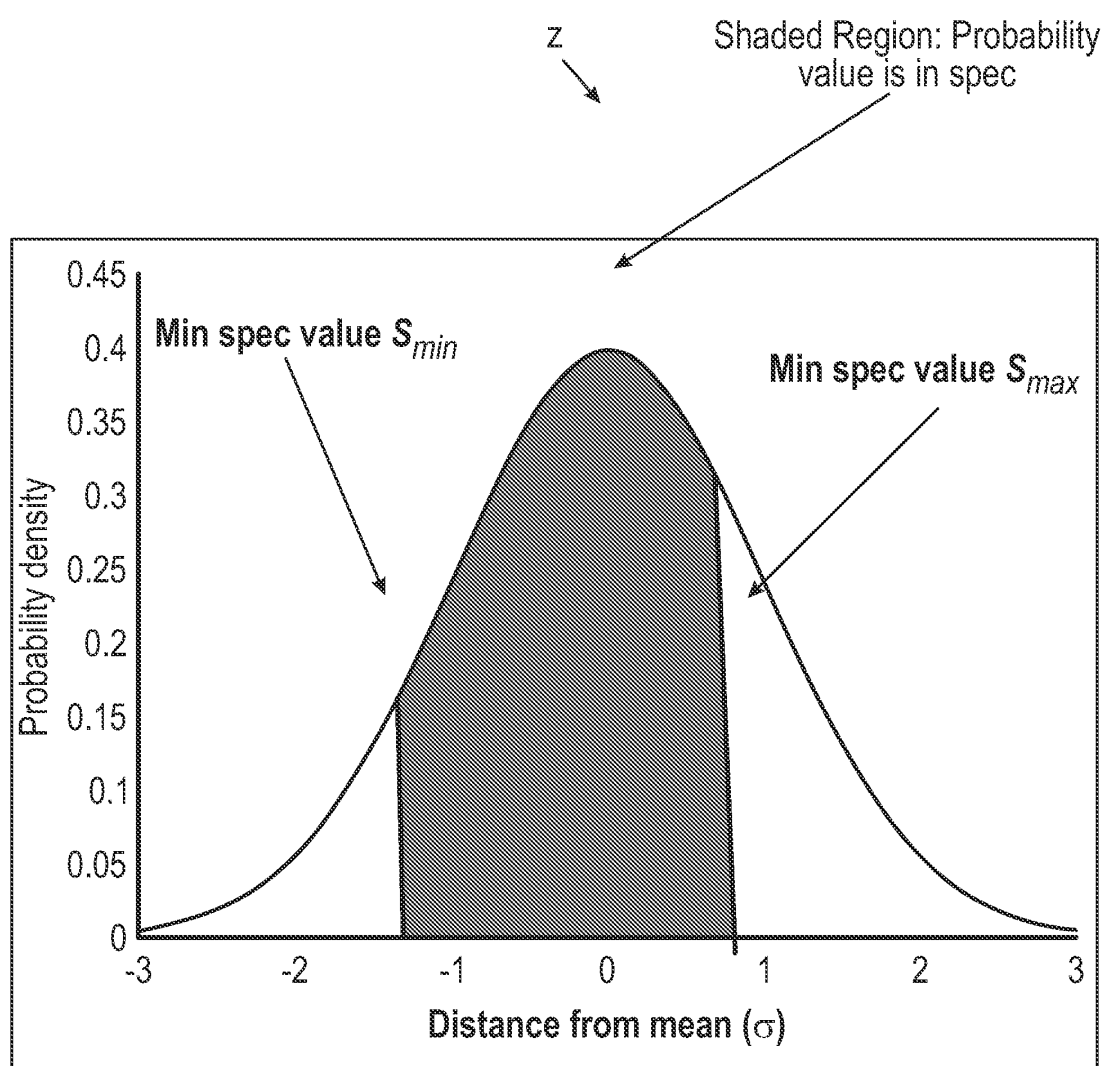
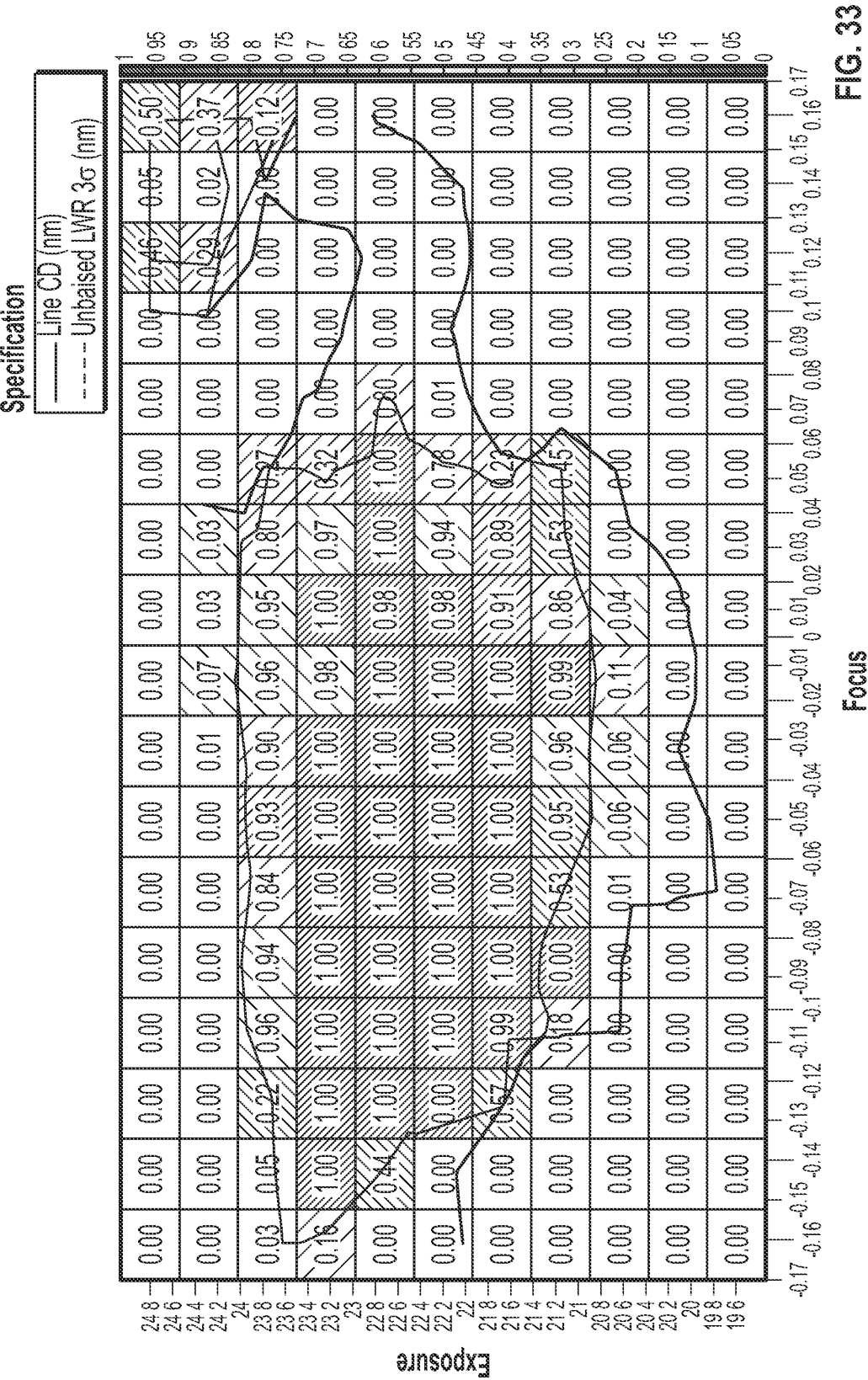


FIG. 32



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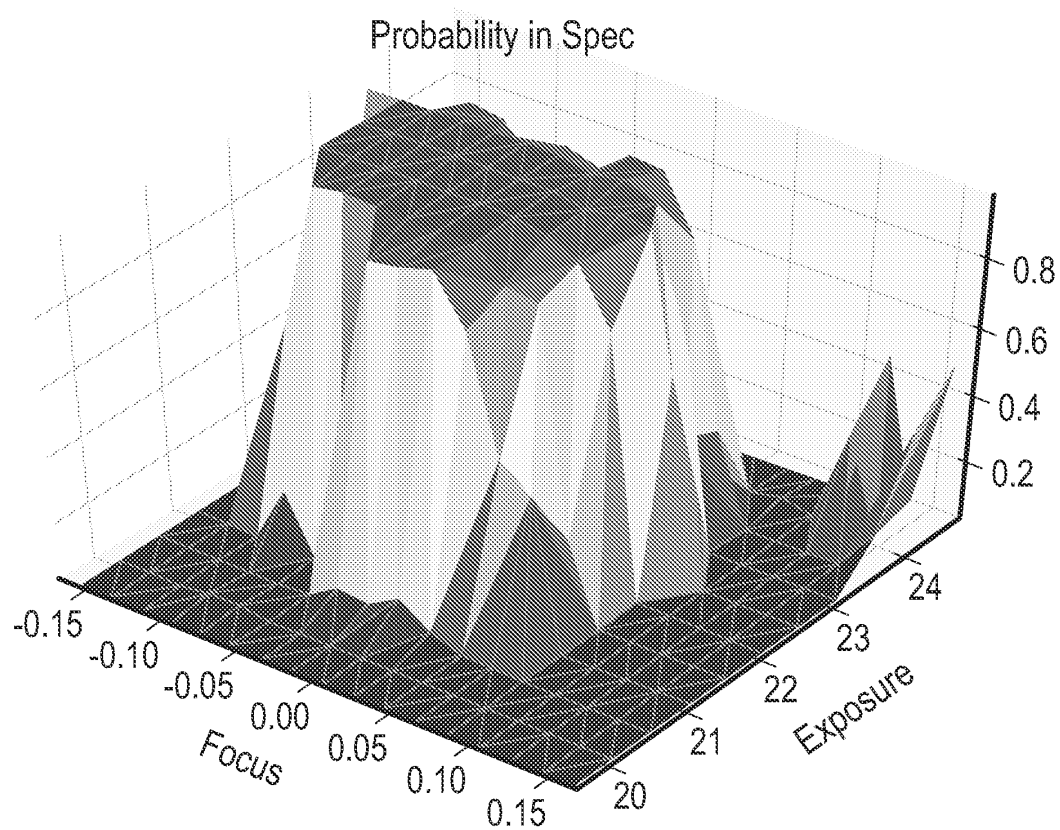
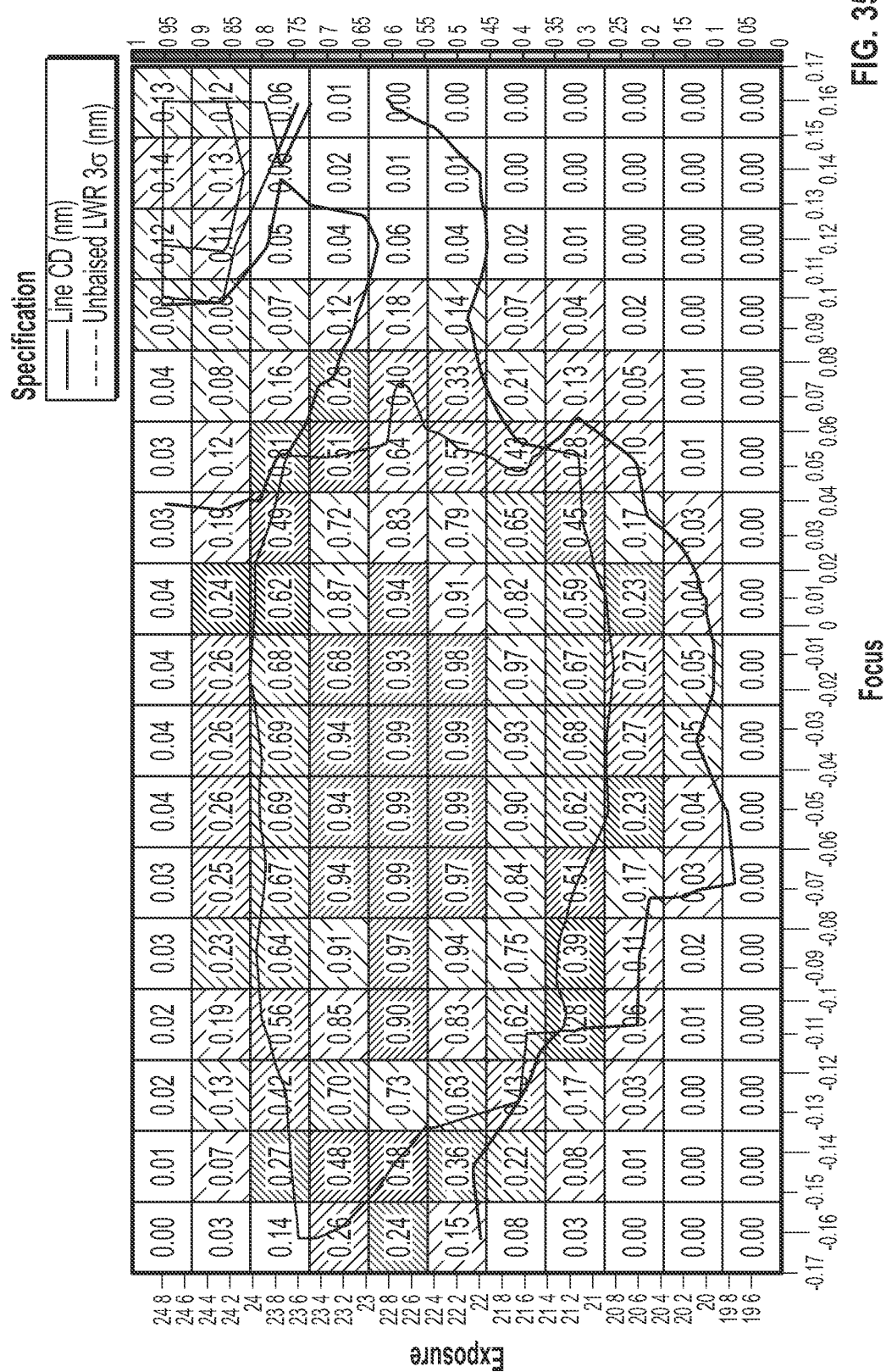


FIG. 34



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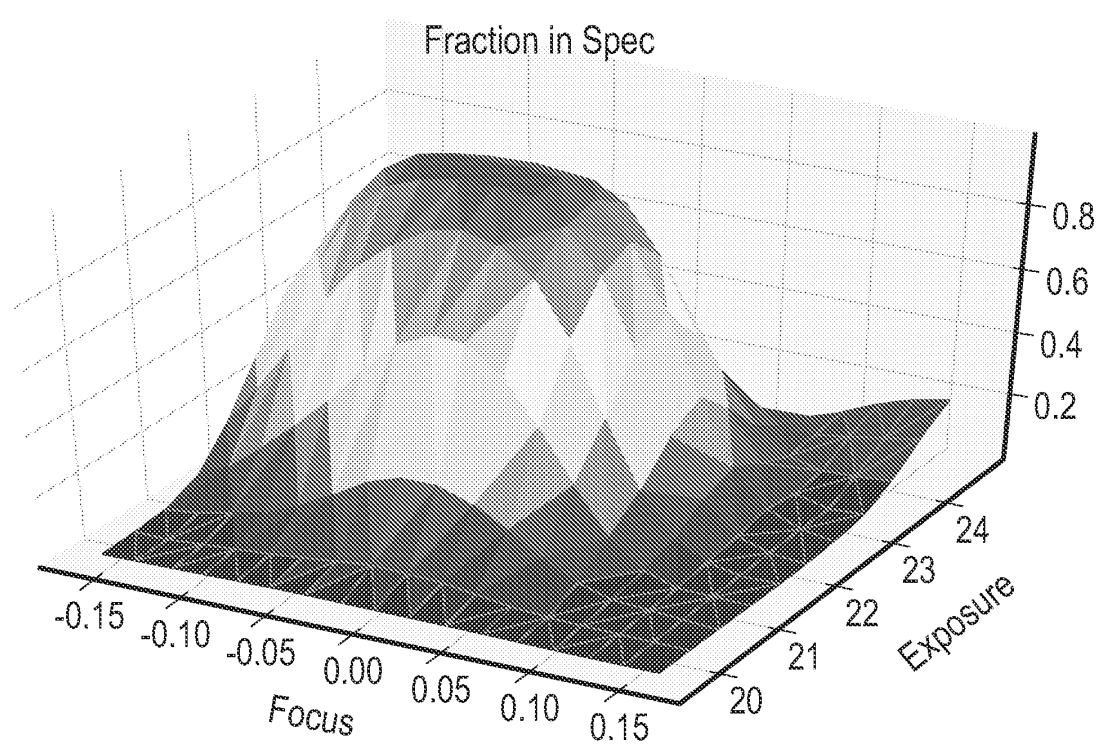


FIG. 36

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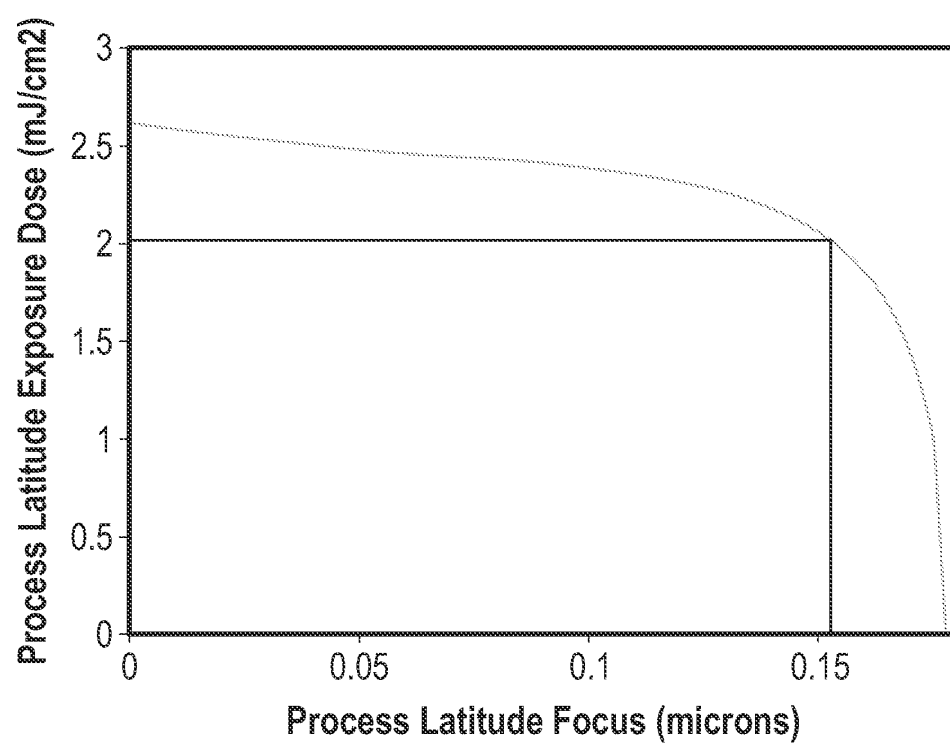


FIG. 37

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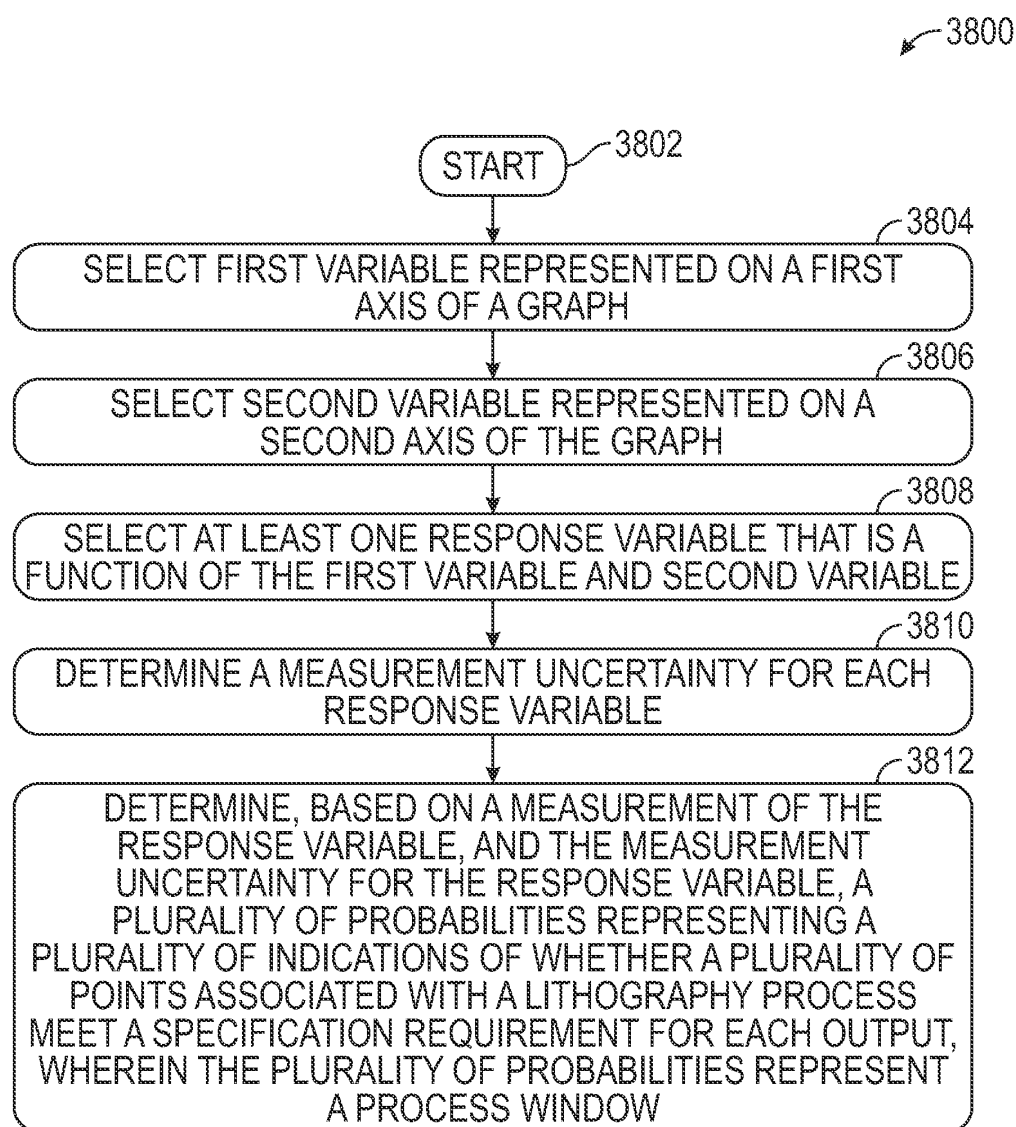


FIG. 38

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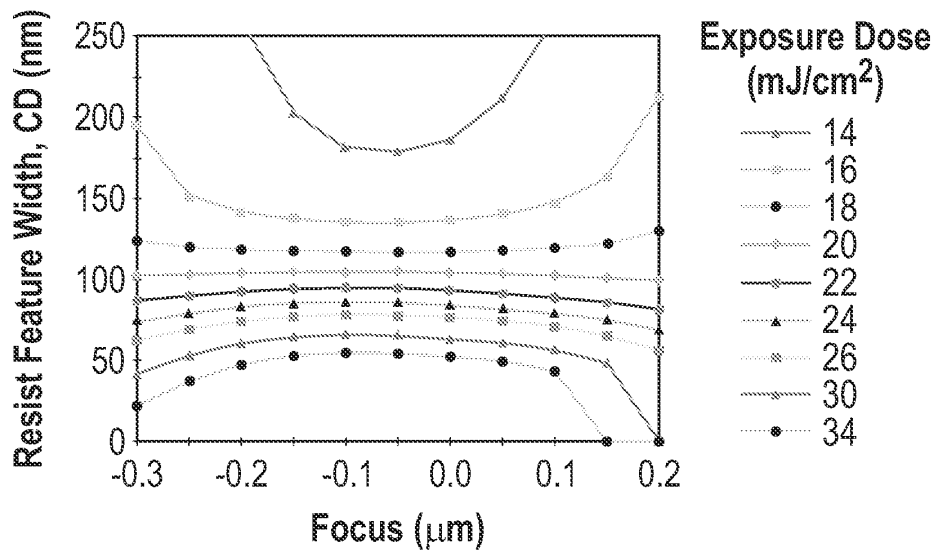


FIG. 39A

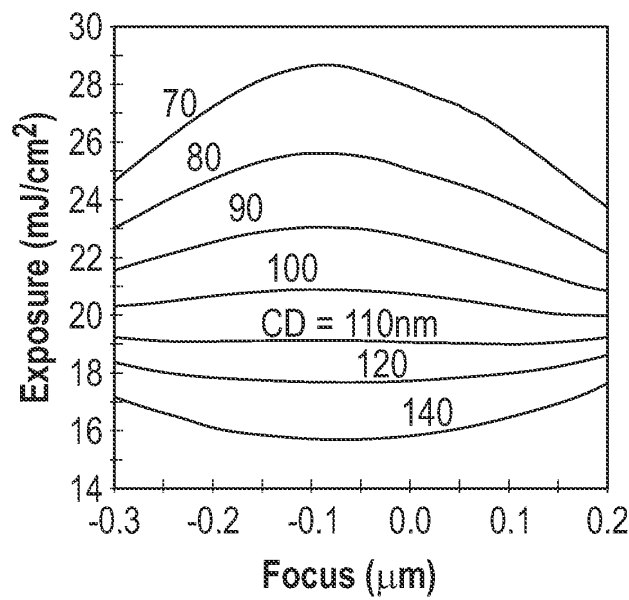


FIG. 39B

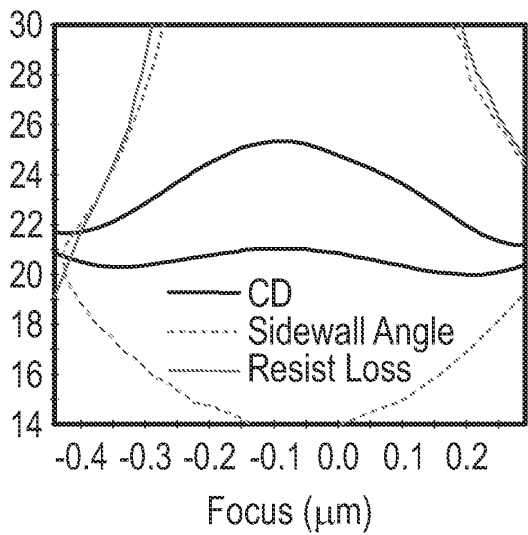


FIG. 39C

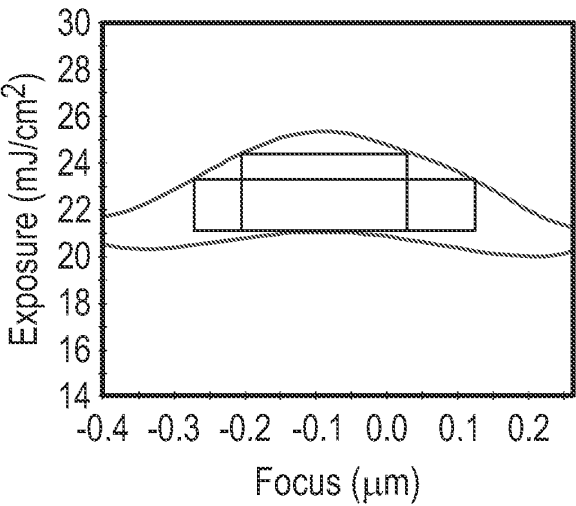


FIG. 40A

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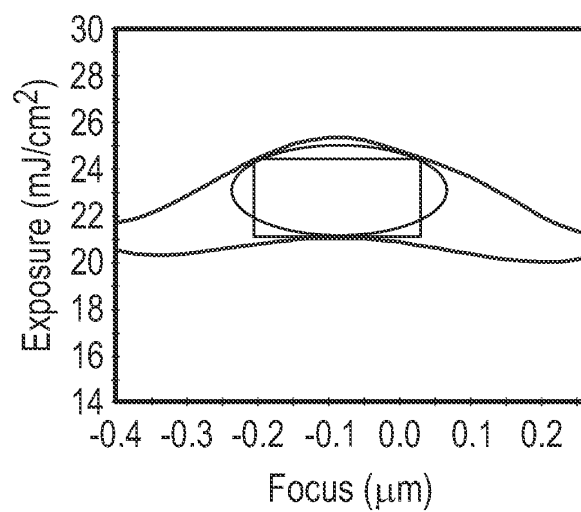


FIG. 40B

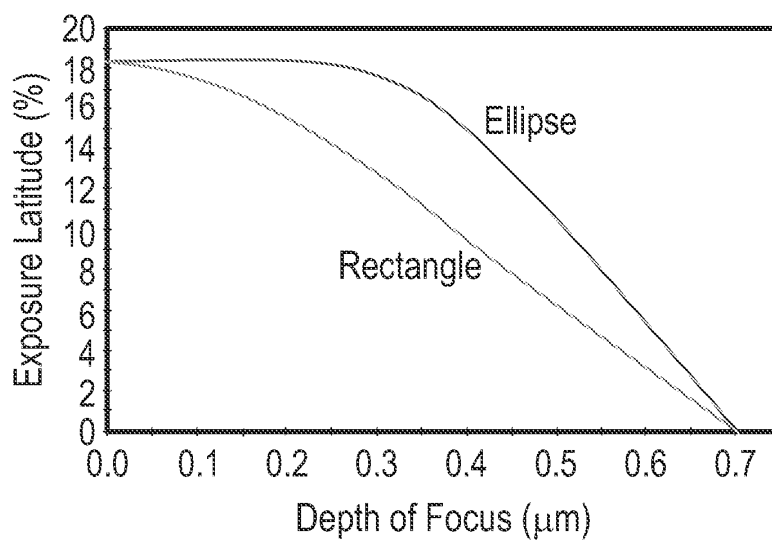


FIG. 41

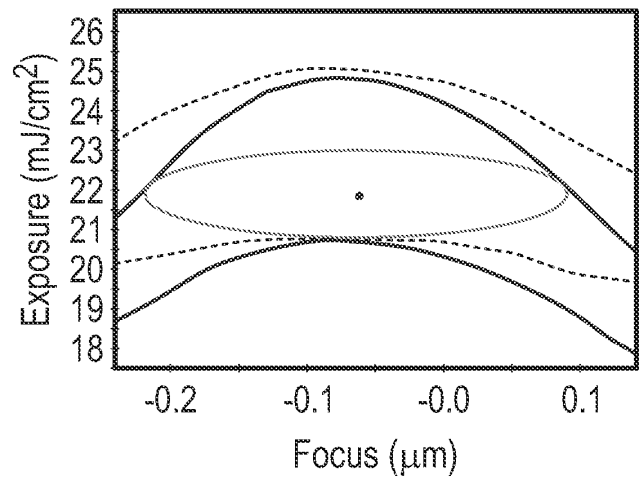


FIG. 42

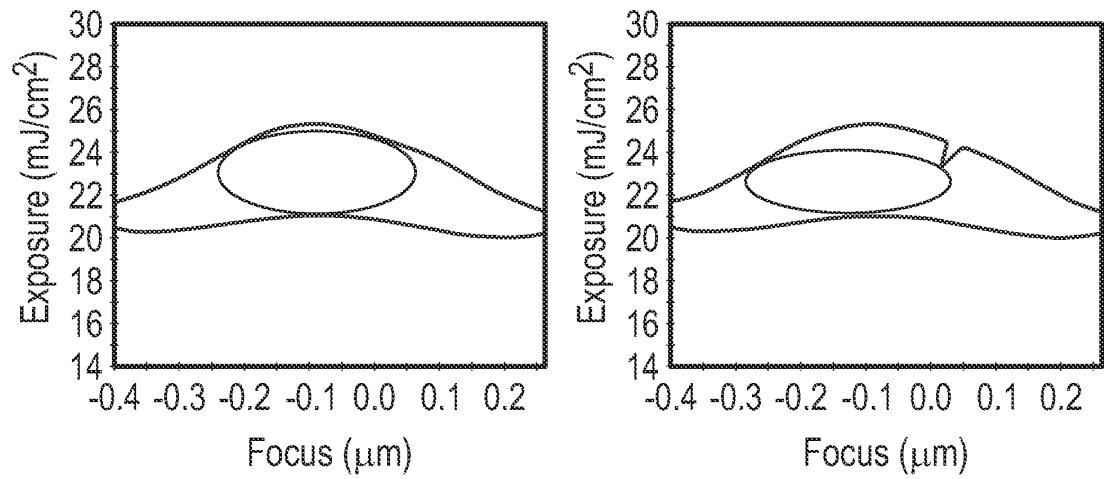


FIG. 43