

General Transcriptomic Workflow

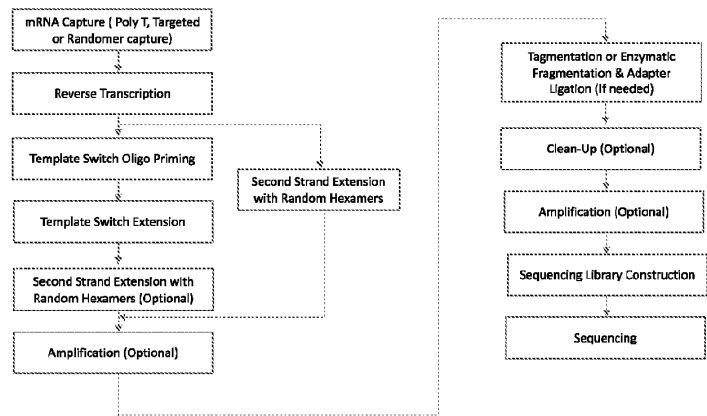


FIG. 1A

General Transcriptomic Workflow on Surface

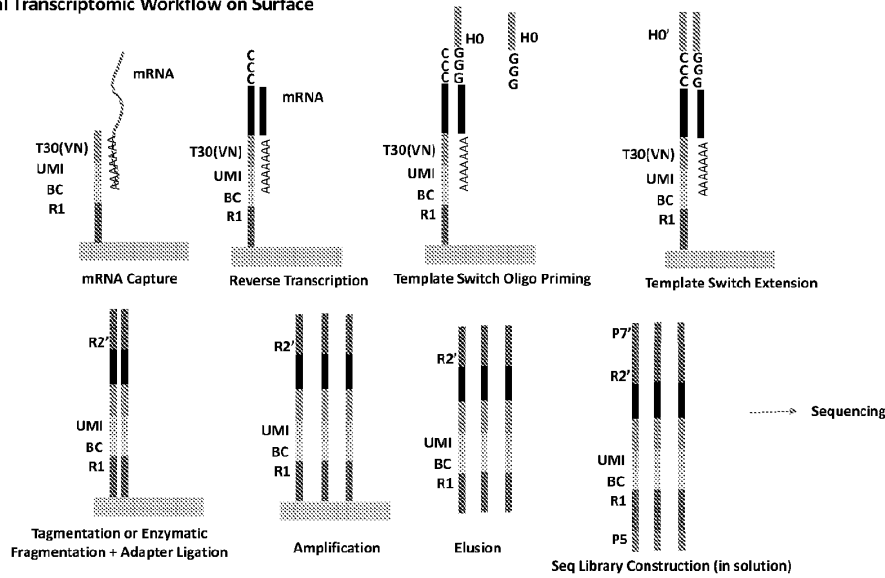


FIG. 1B

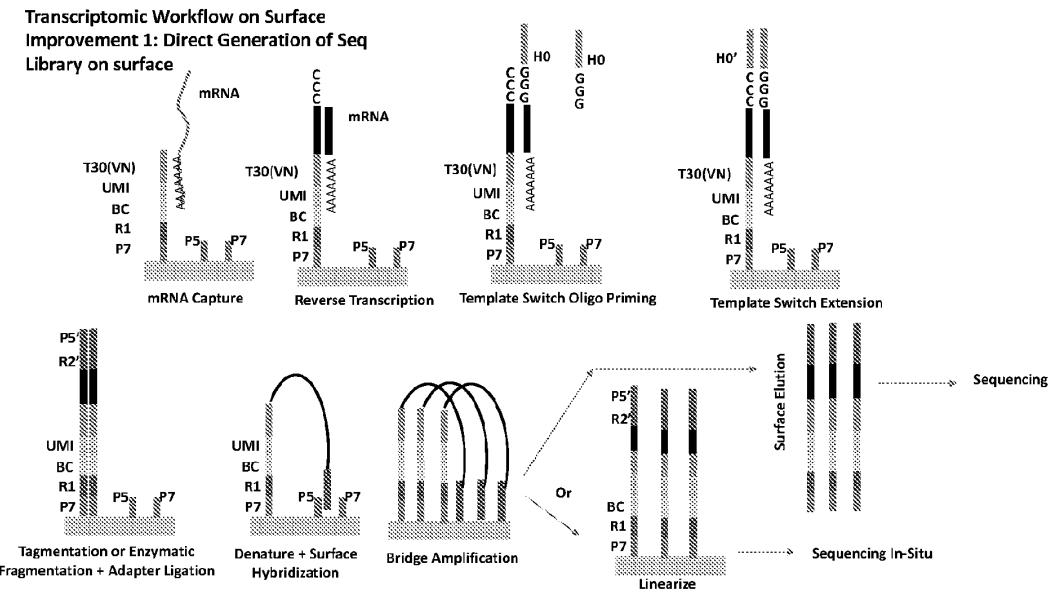


FIG. 2A

Distribution of Captured Nucleic Acid Molecules Without Diffusivity Modifier

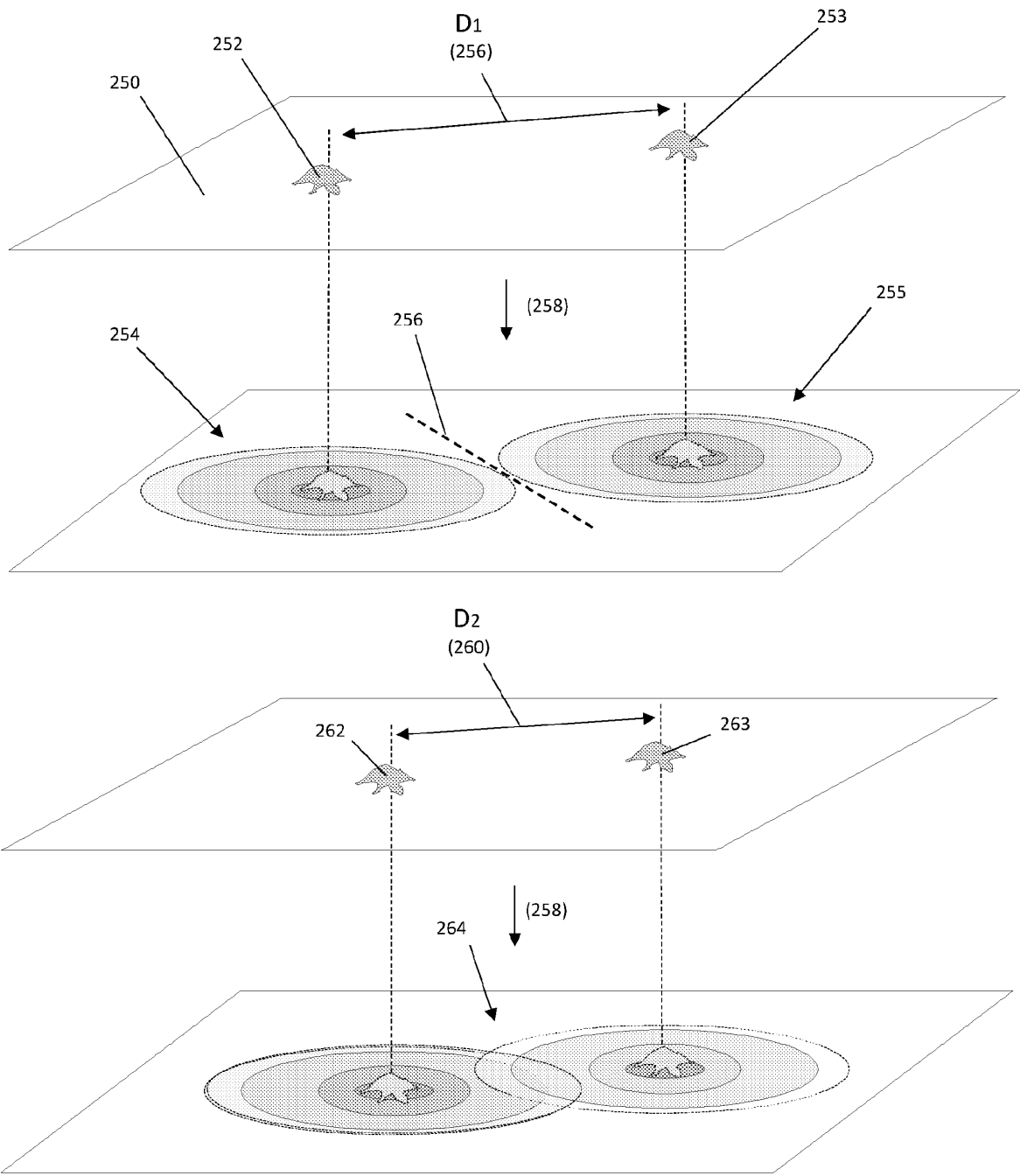


FIG. 2B

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Distribution of Captured Nucleic Acid
Molecules With Diffusivity Modifier

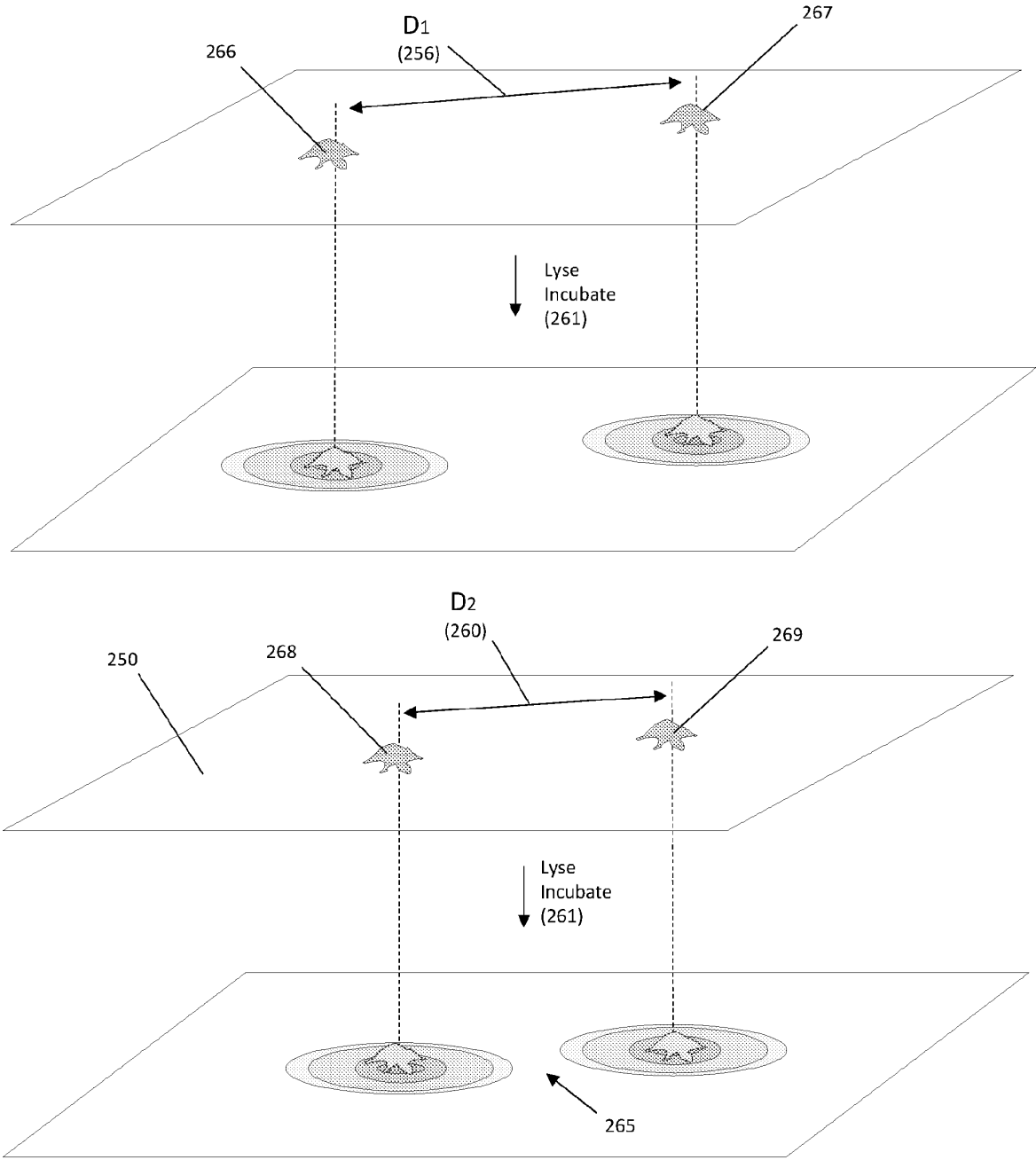


FIG. 2C

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Gel layer over all or a portion of surface

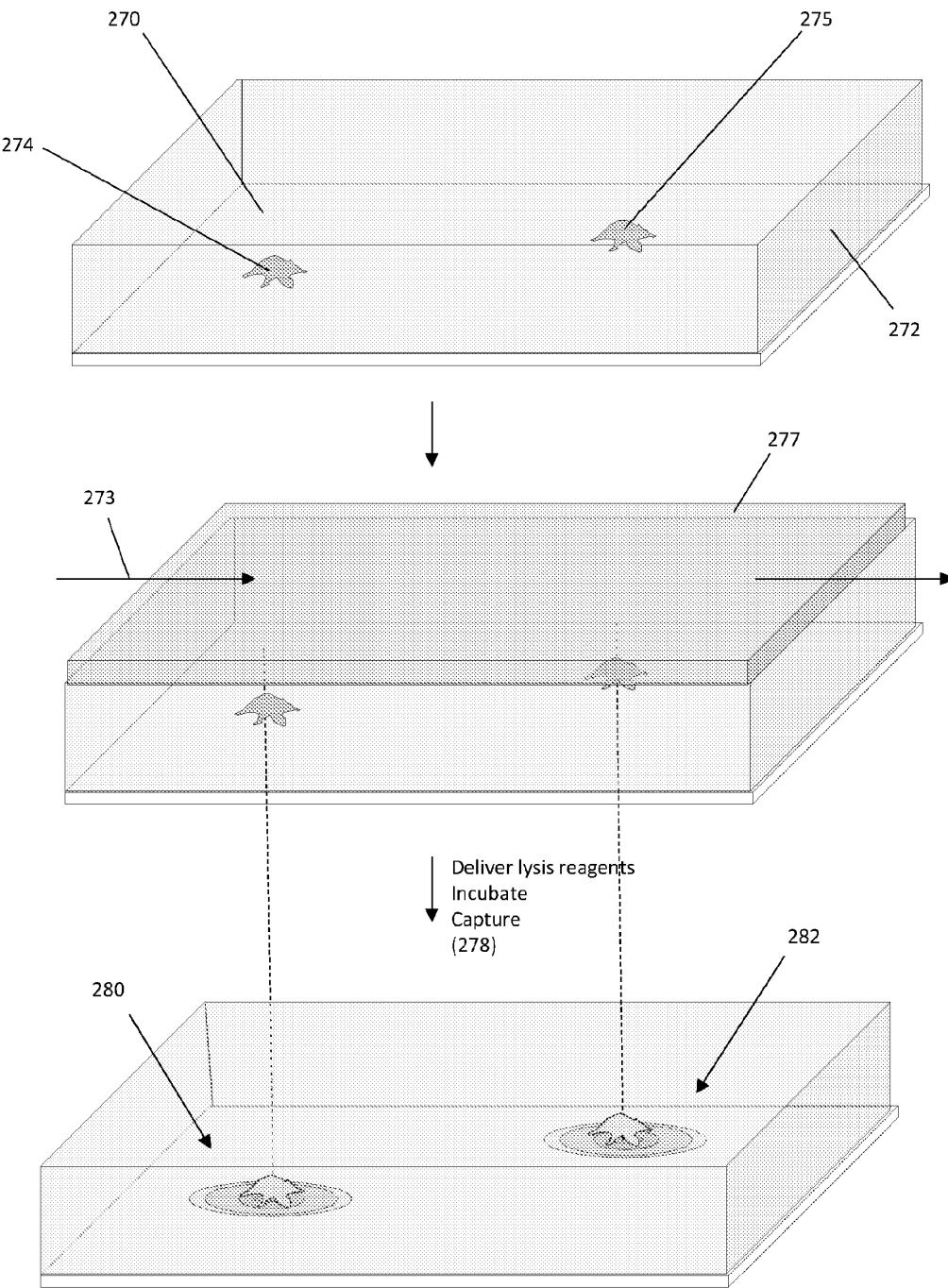


FIG. 2D

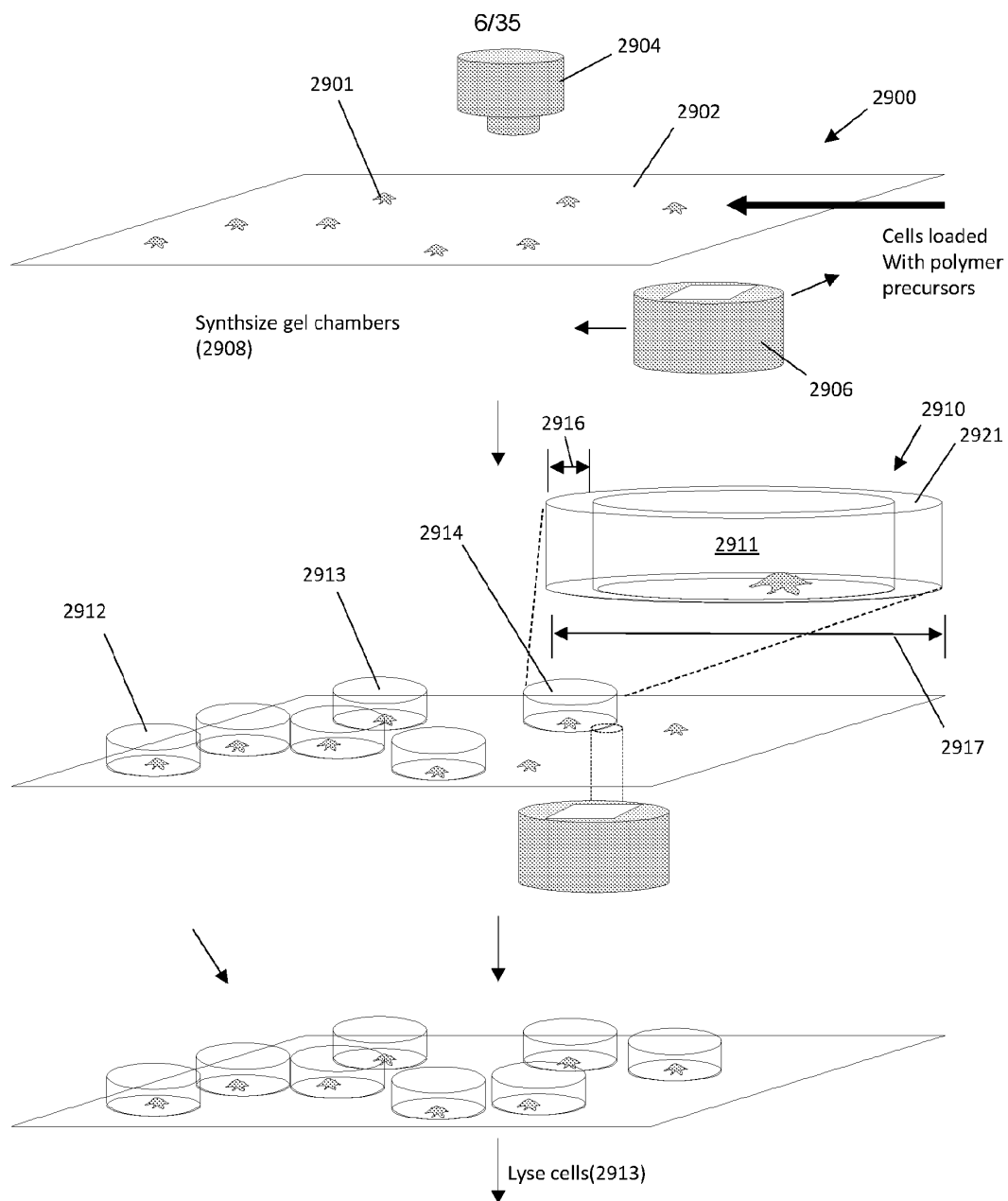


FIG. 2E

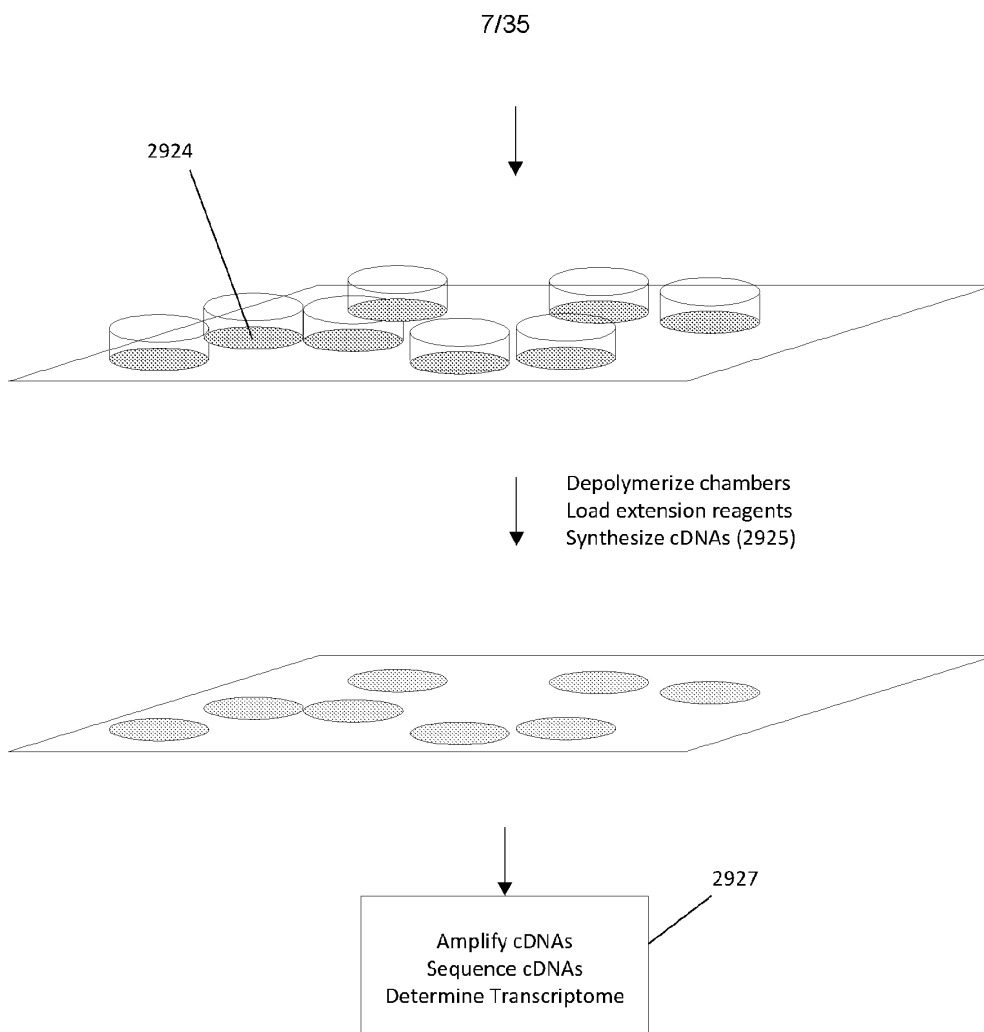


FIG. 2F

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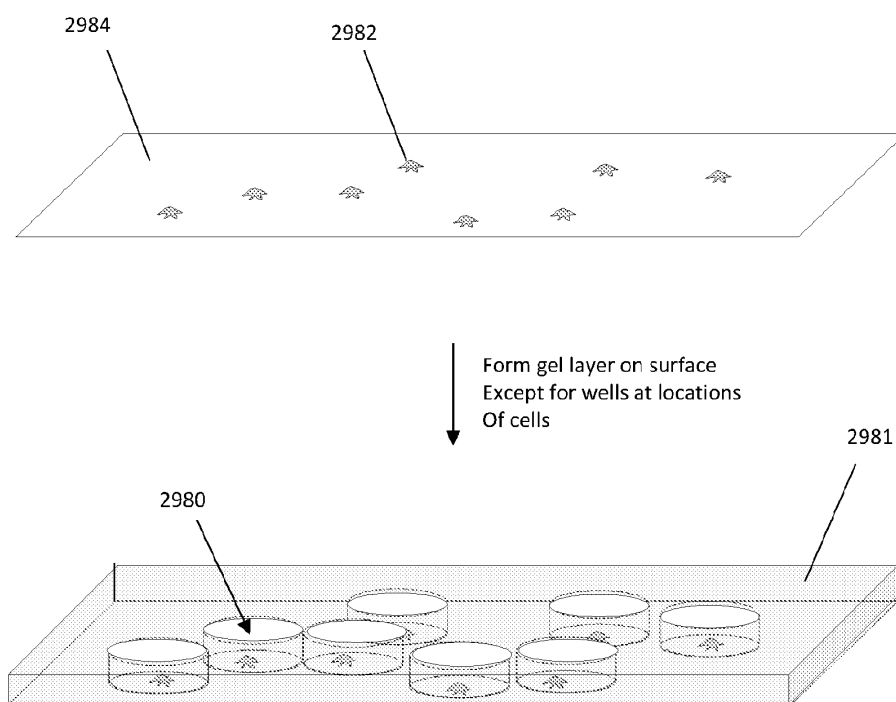
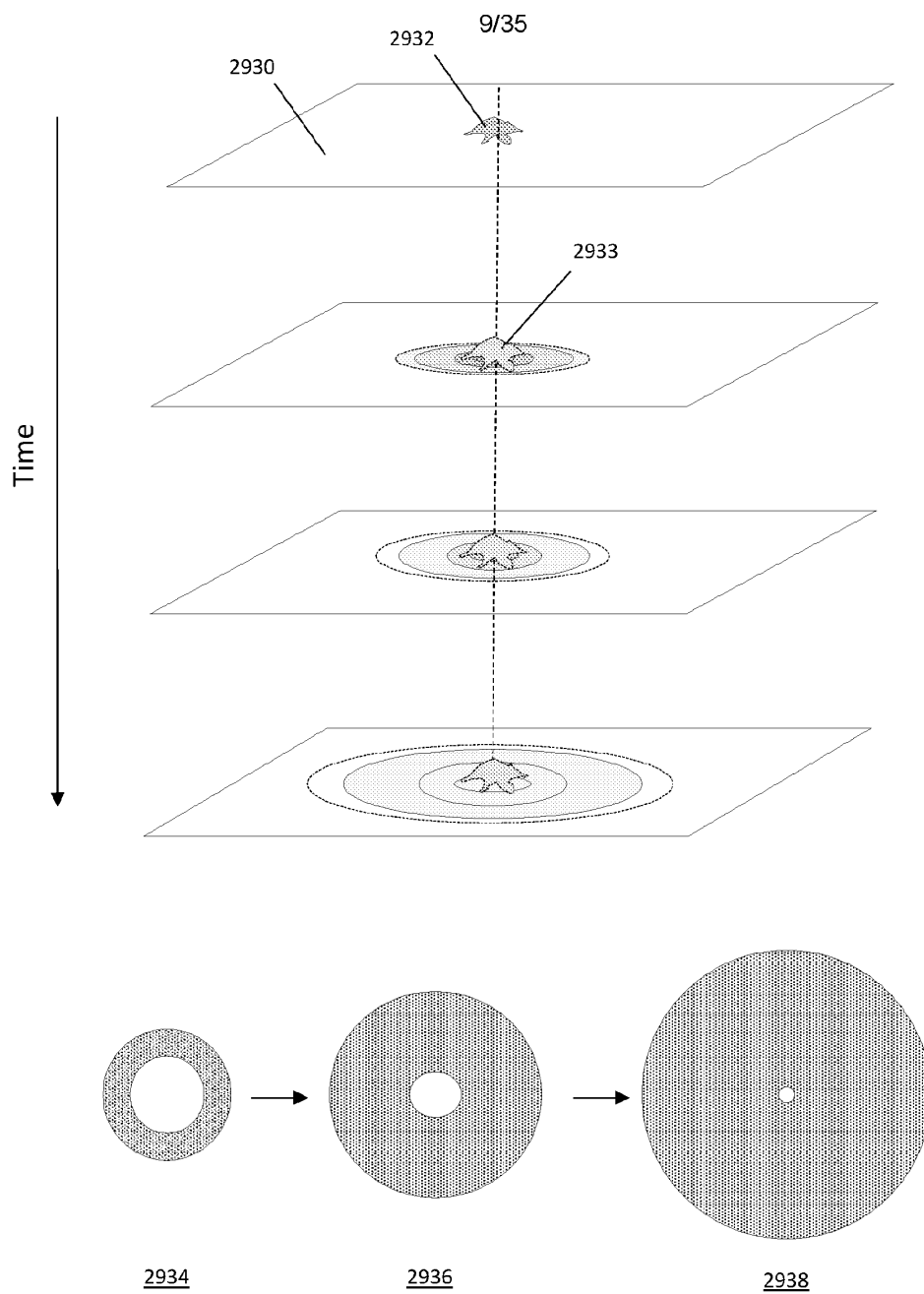


FIG. 2G



Change in distribution of capture mRNA molecules having an
Expected nearest neighbor distance of 1 μm or greater

FIG. 2H

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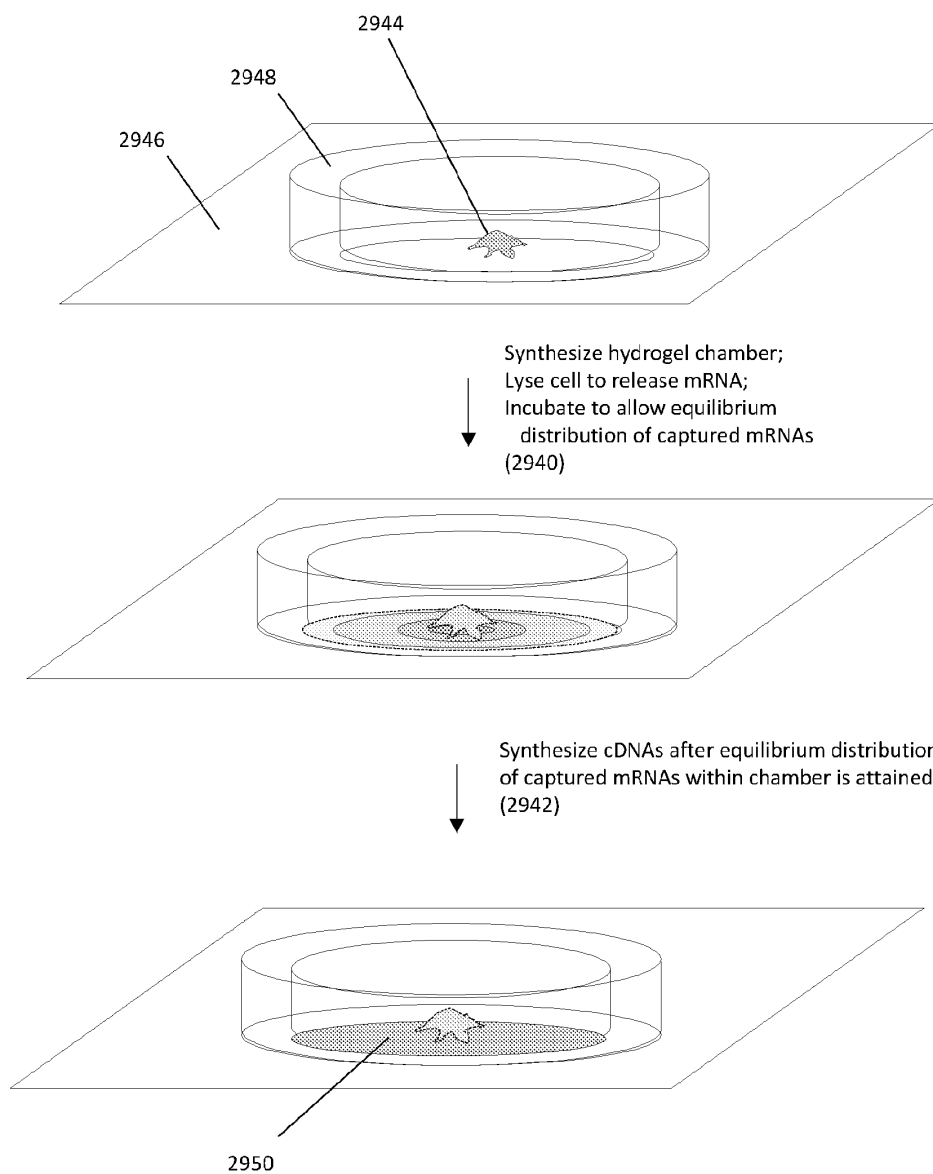


FIG. 2I

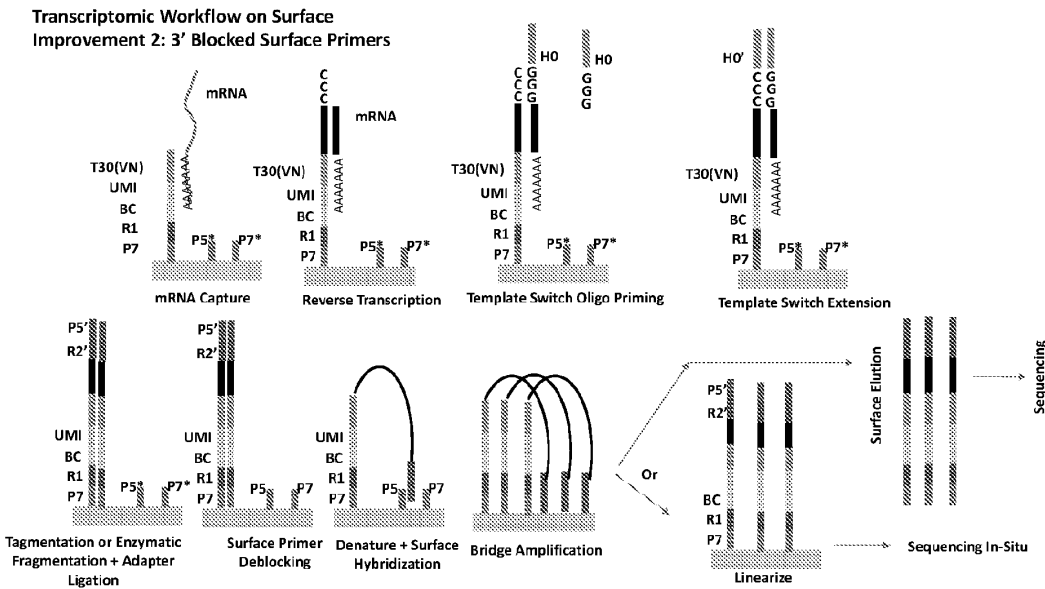


FIG. 3

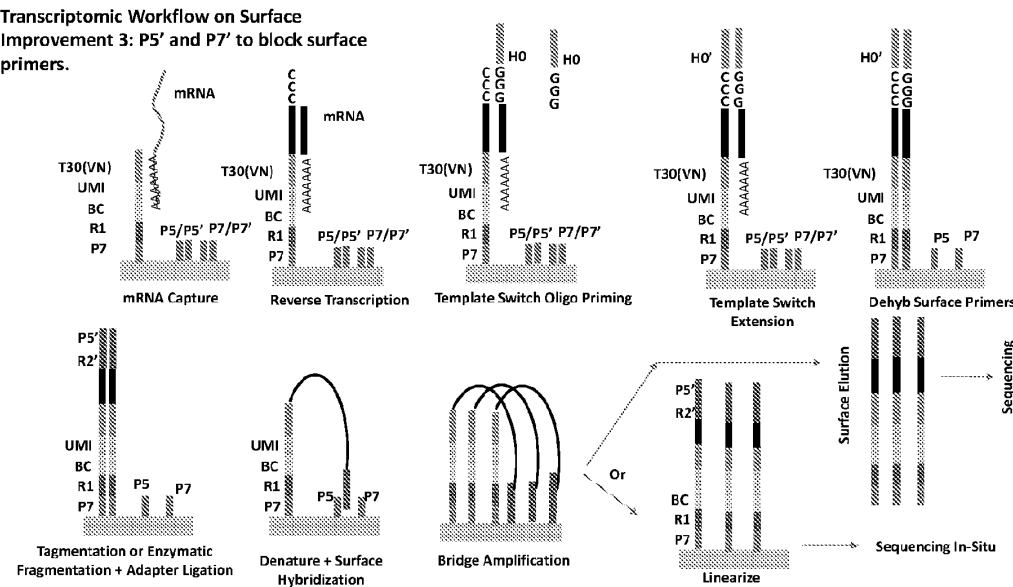
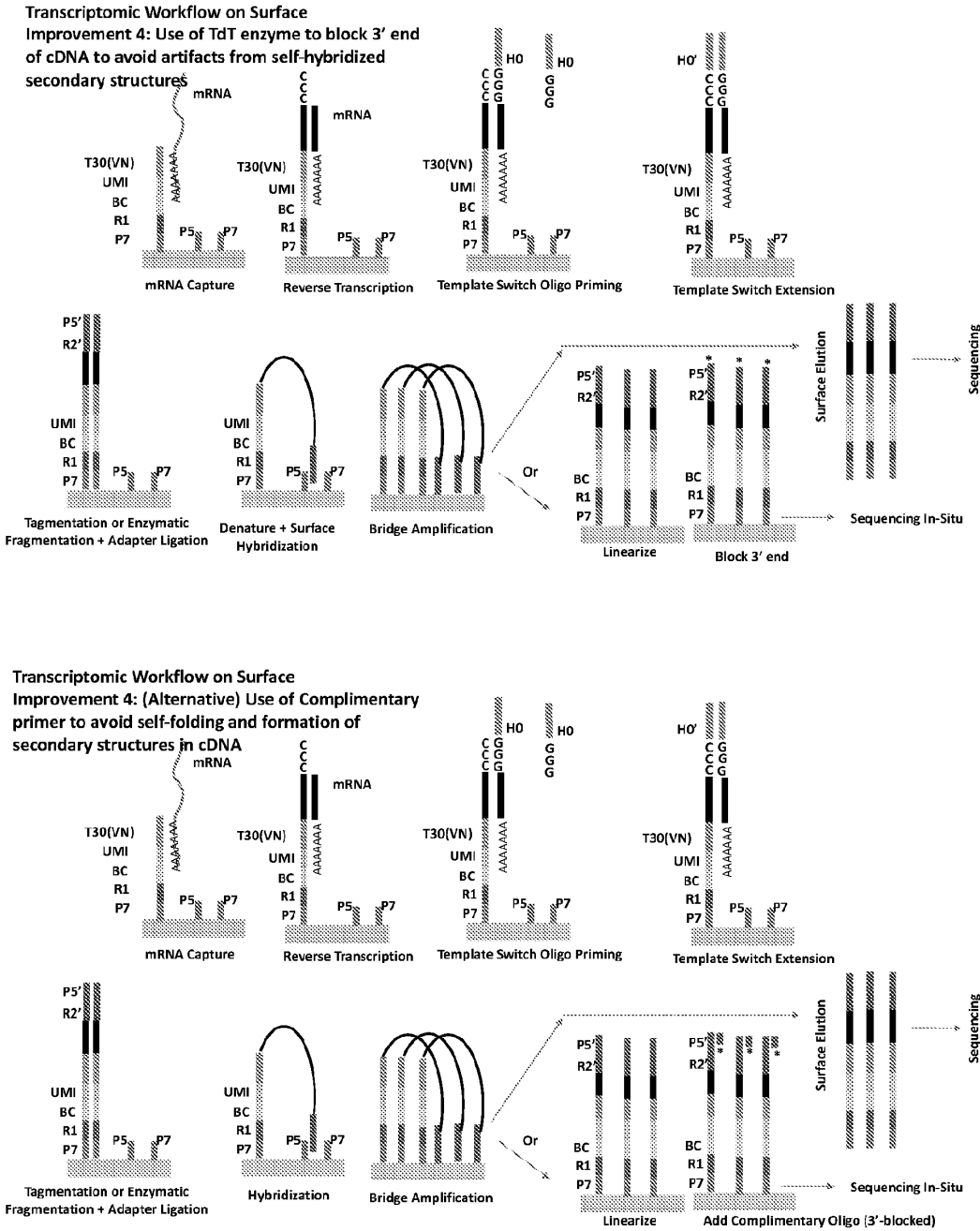


FIG. 4



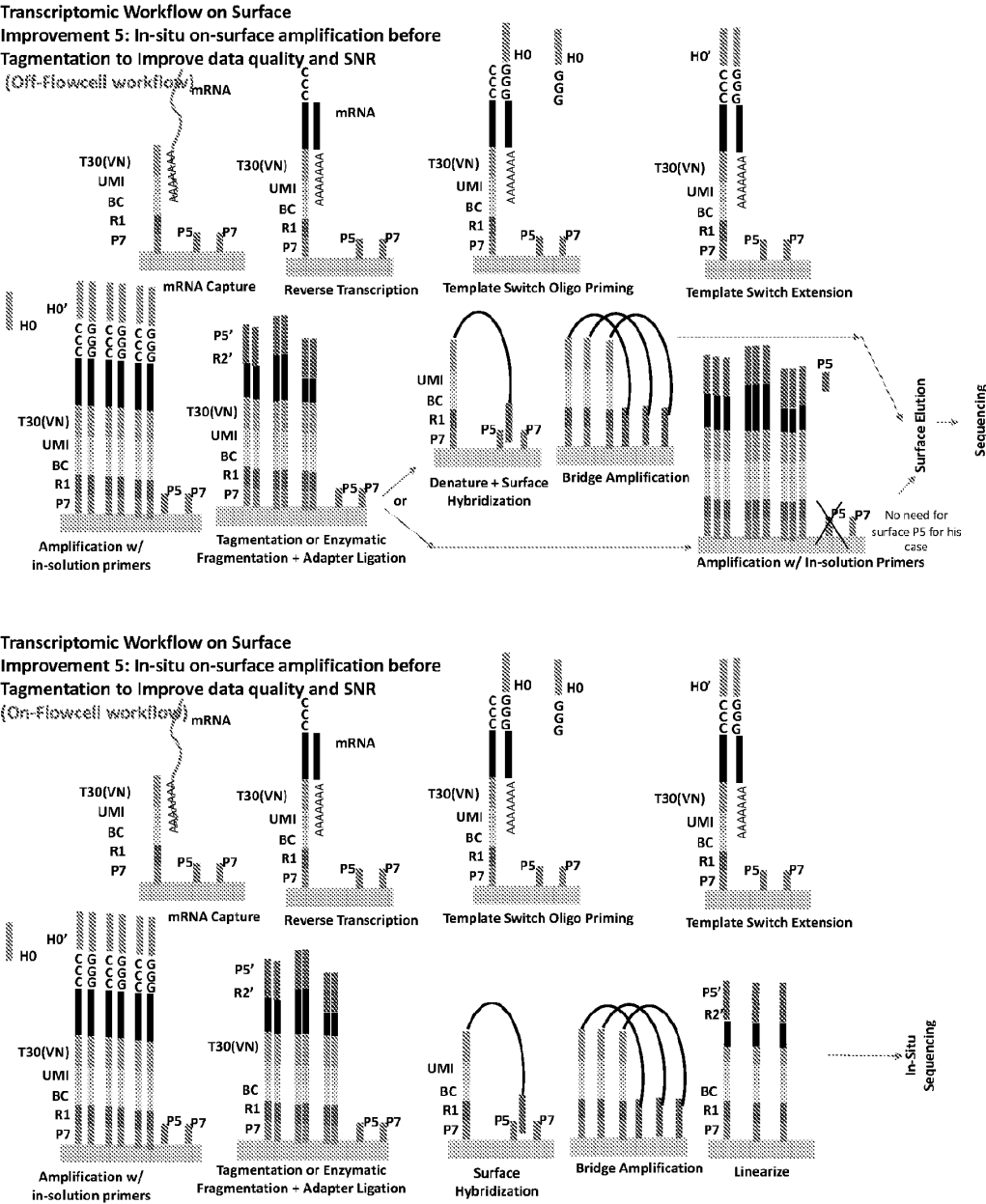


FIG. 6

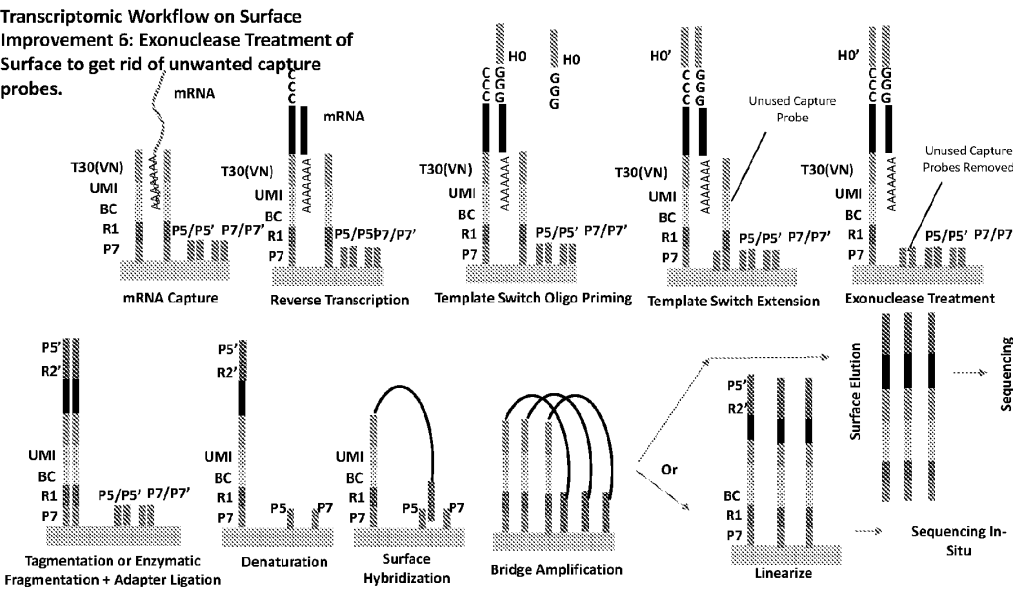


FIG. 7

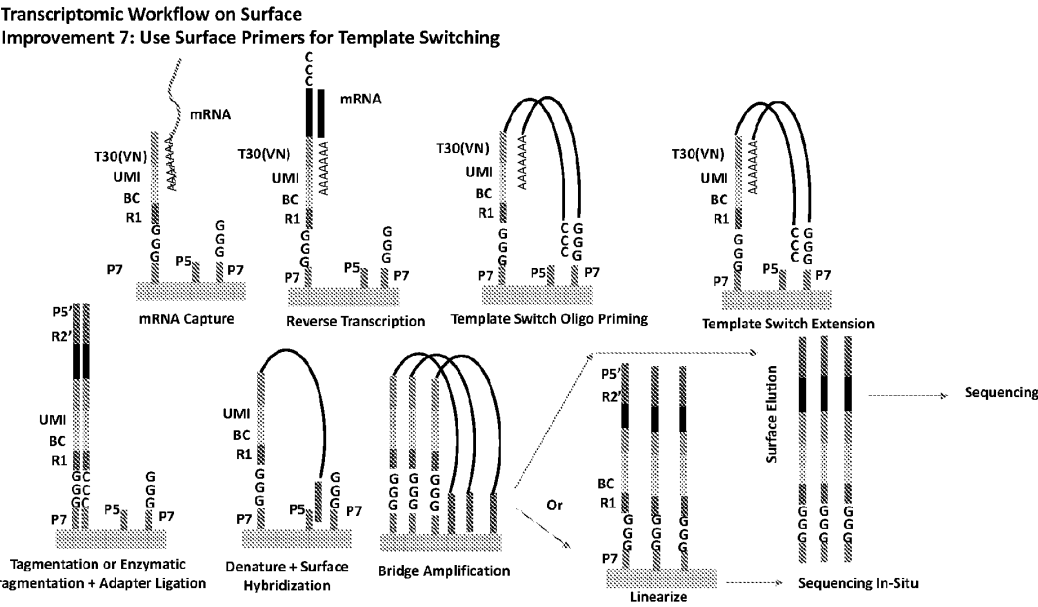


FIG. 8A

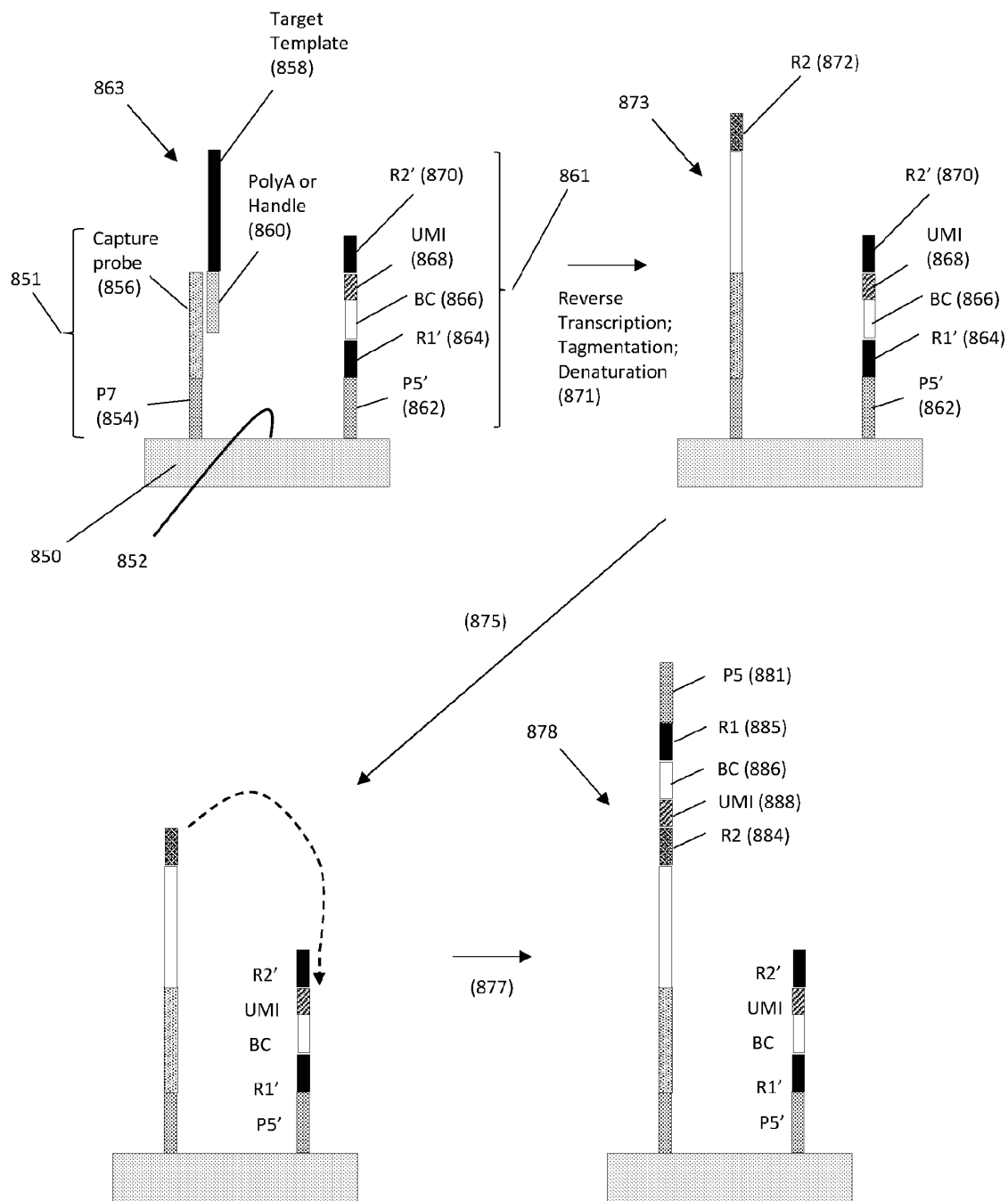


FIG. 8B

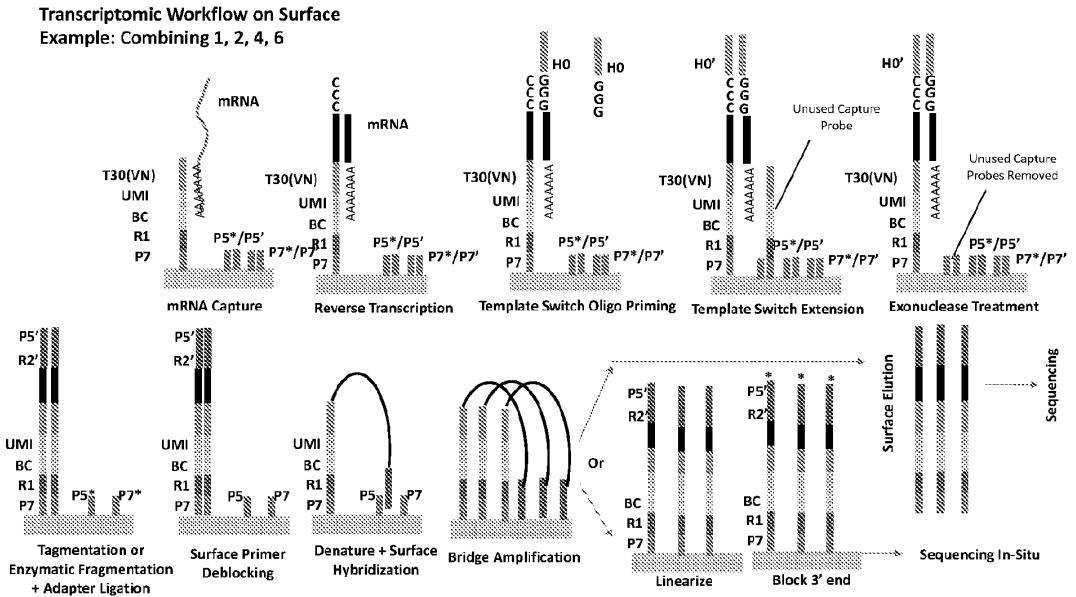


FIG. 9

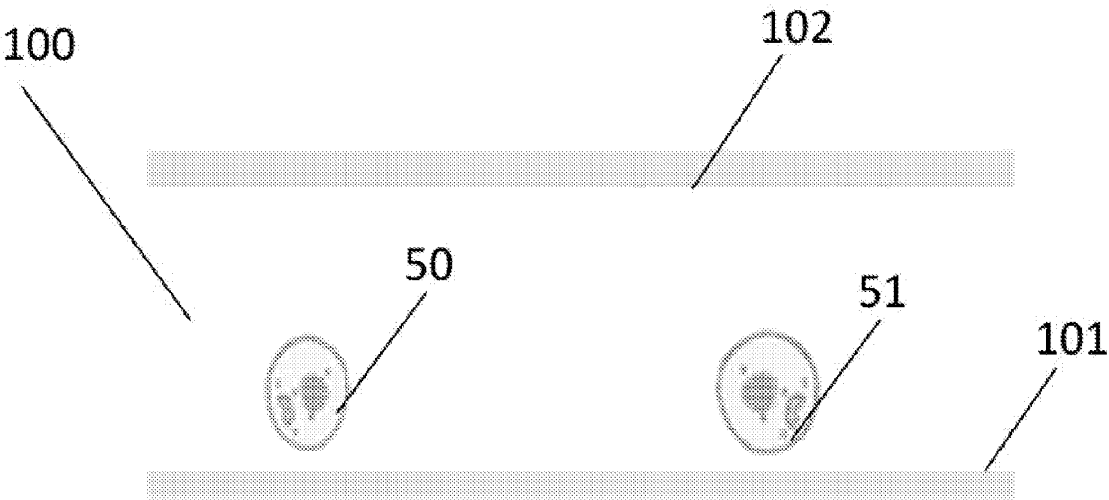


FIG. 10

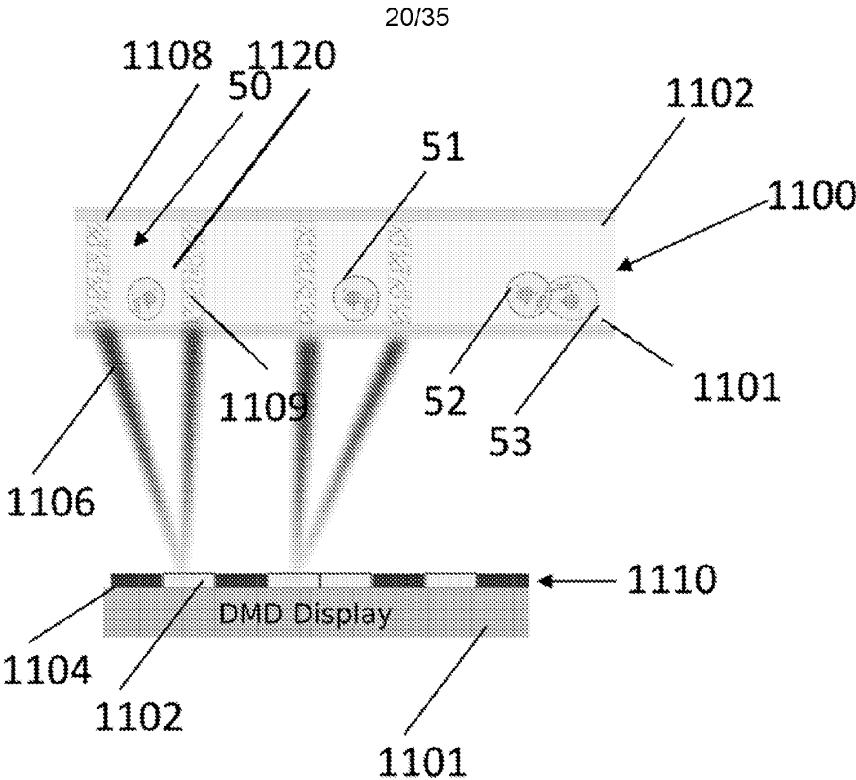


FIG. 11A

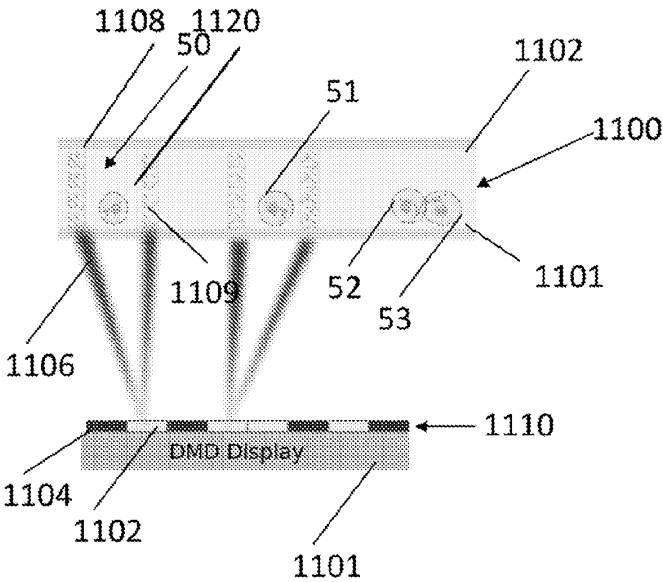


FIG. 11B

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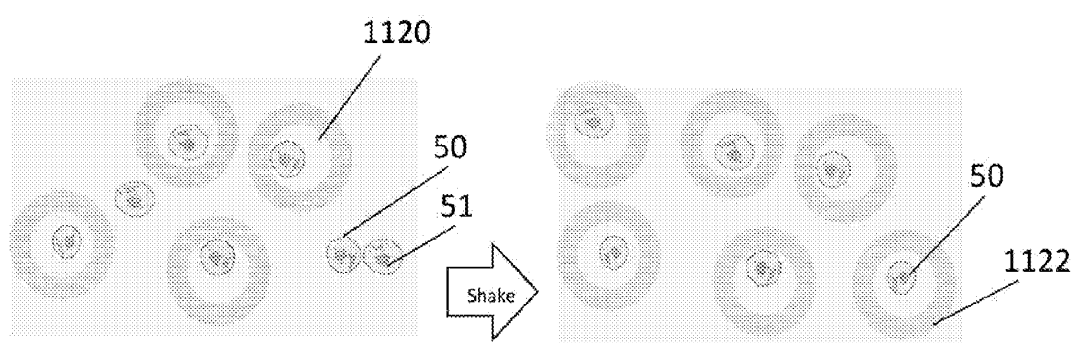


FIG. 11C

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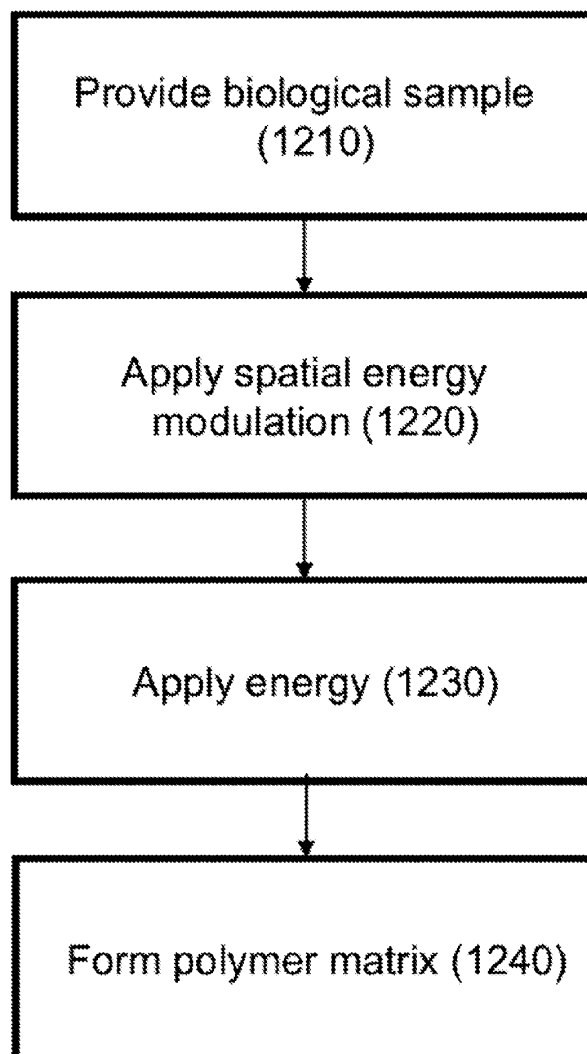
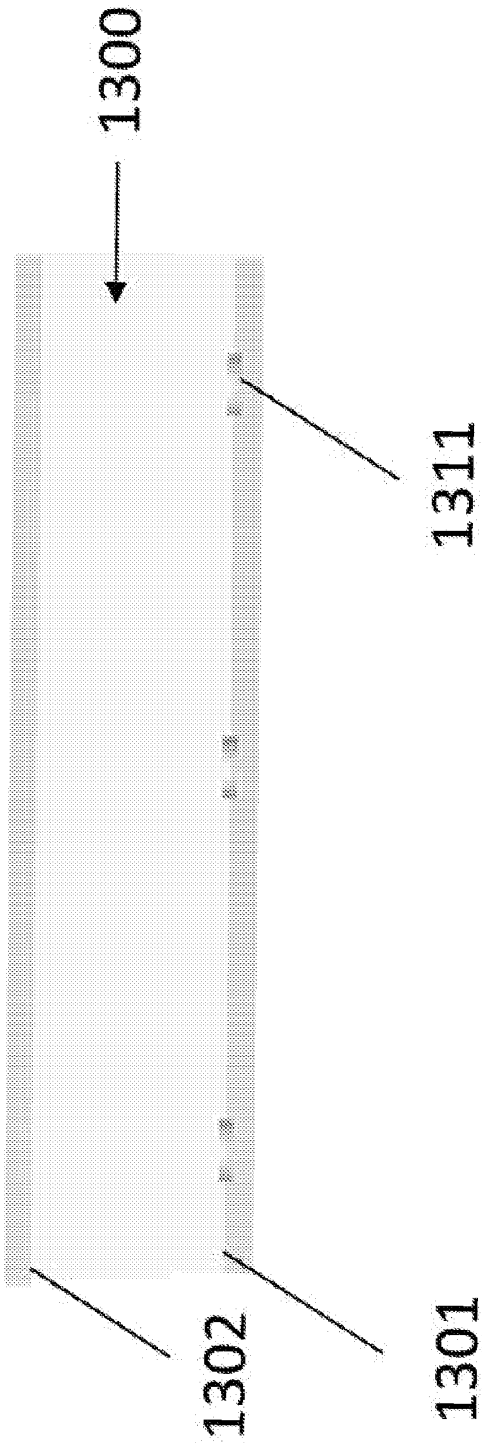


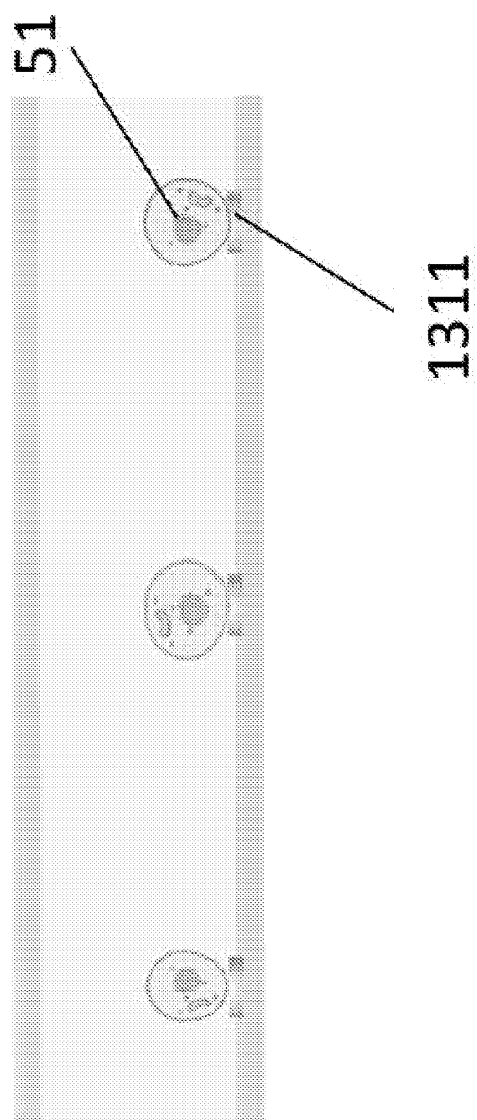
FIG. 12

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FIG. 13A



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FIG. 13B



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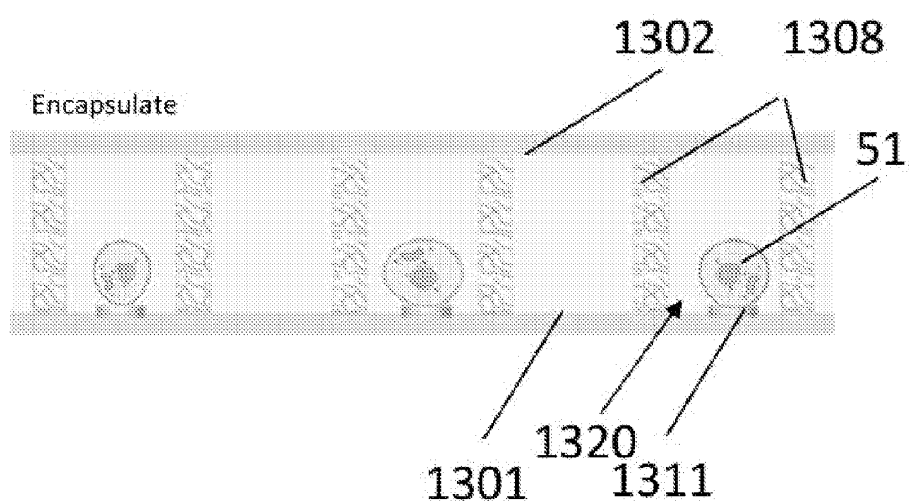


FIG. 13C

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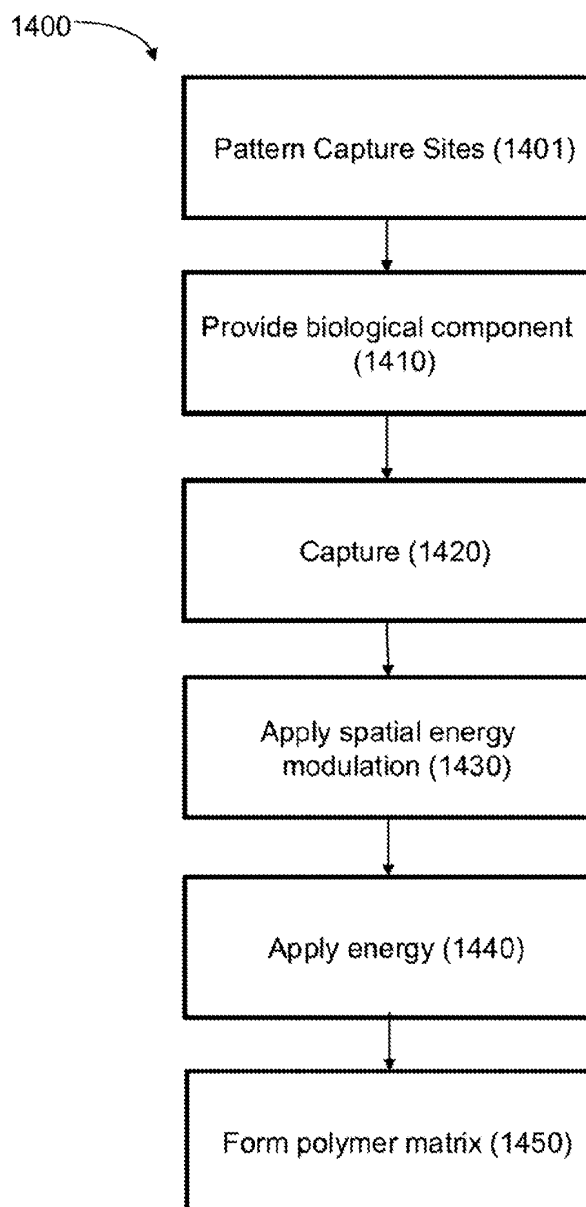


FIG. 14

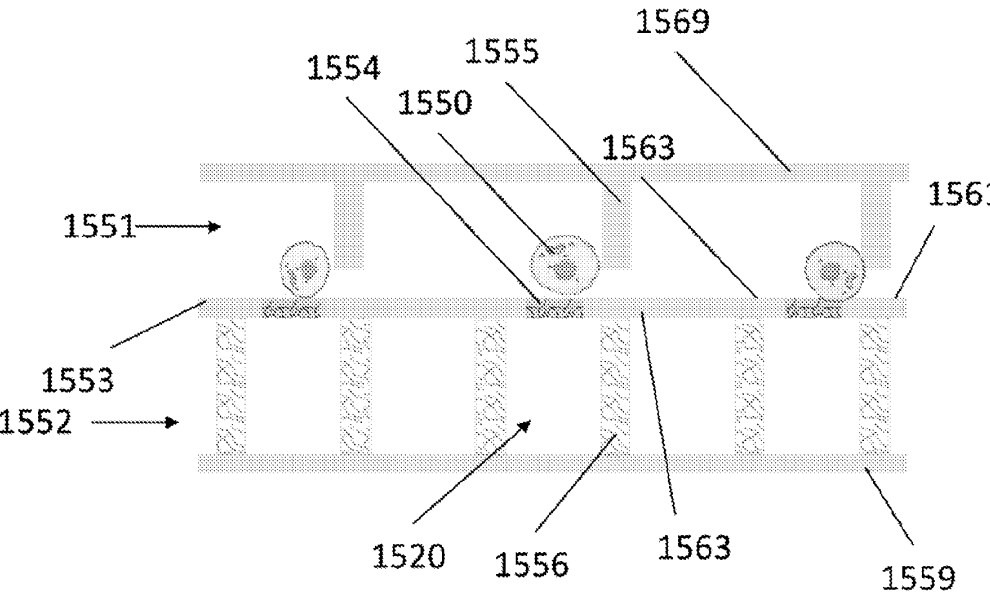


FIG. 15A

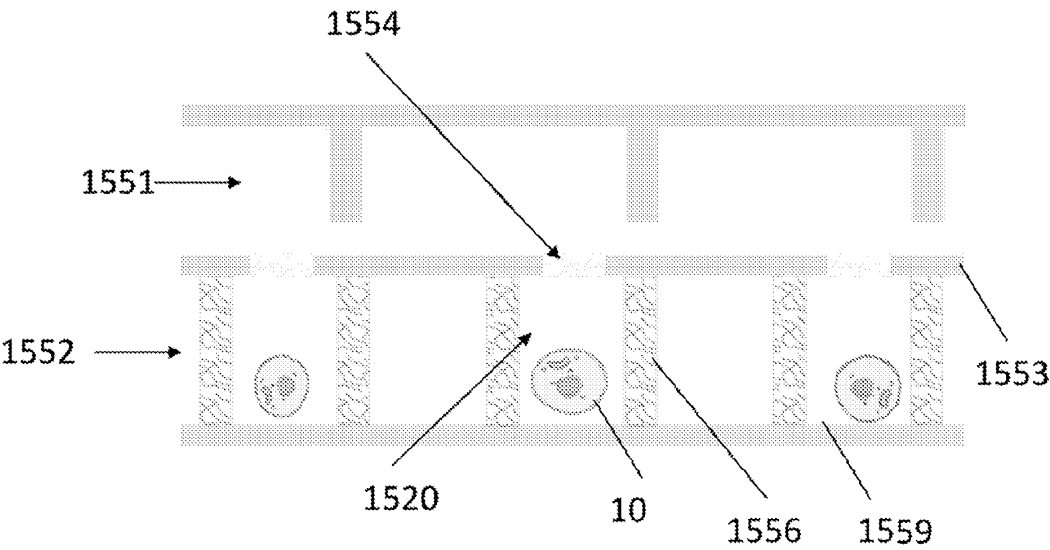


FIG. 15B

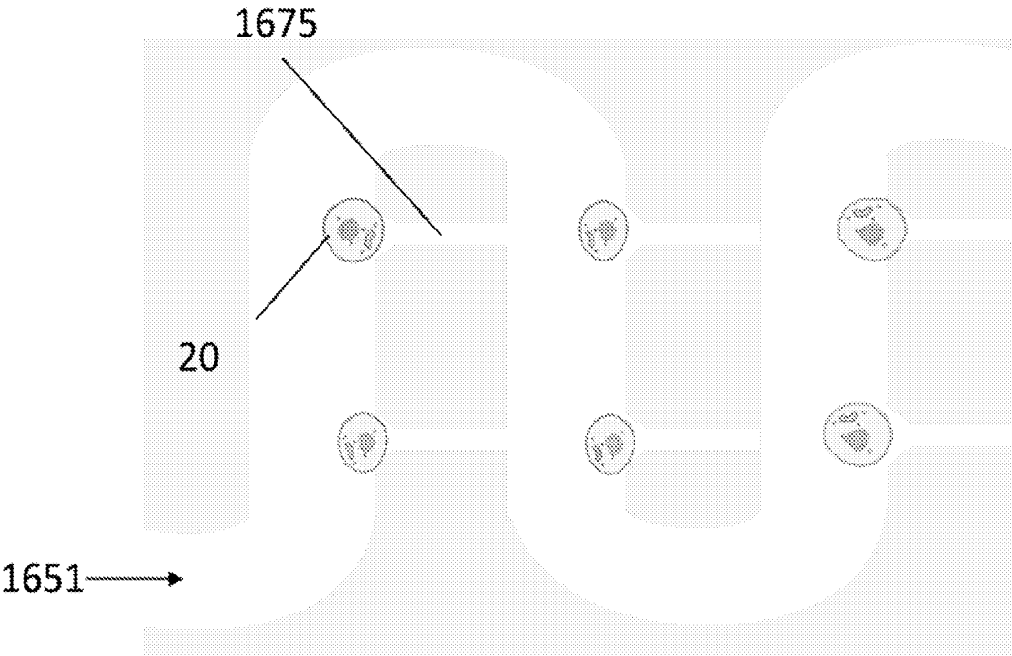


FIG. 16A

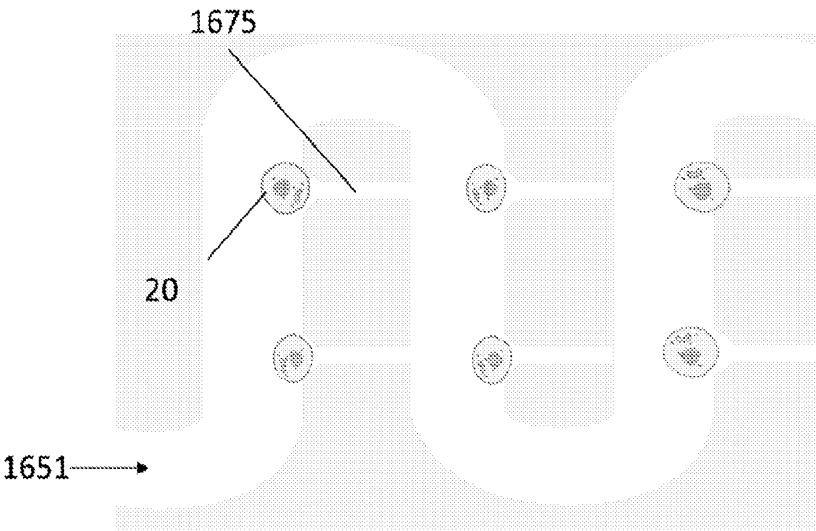


FIG. 16B

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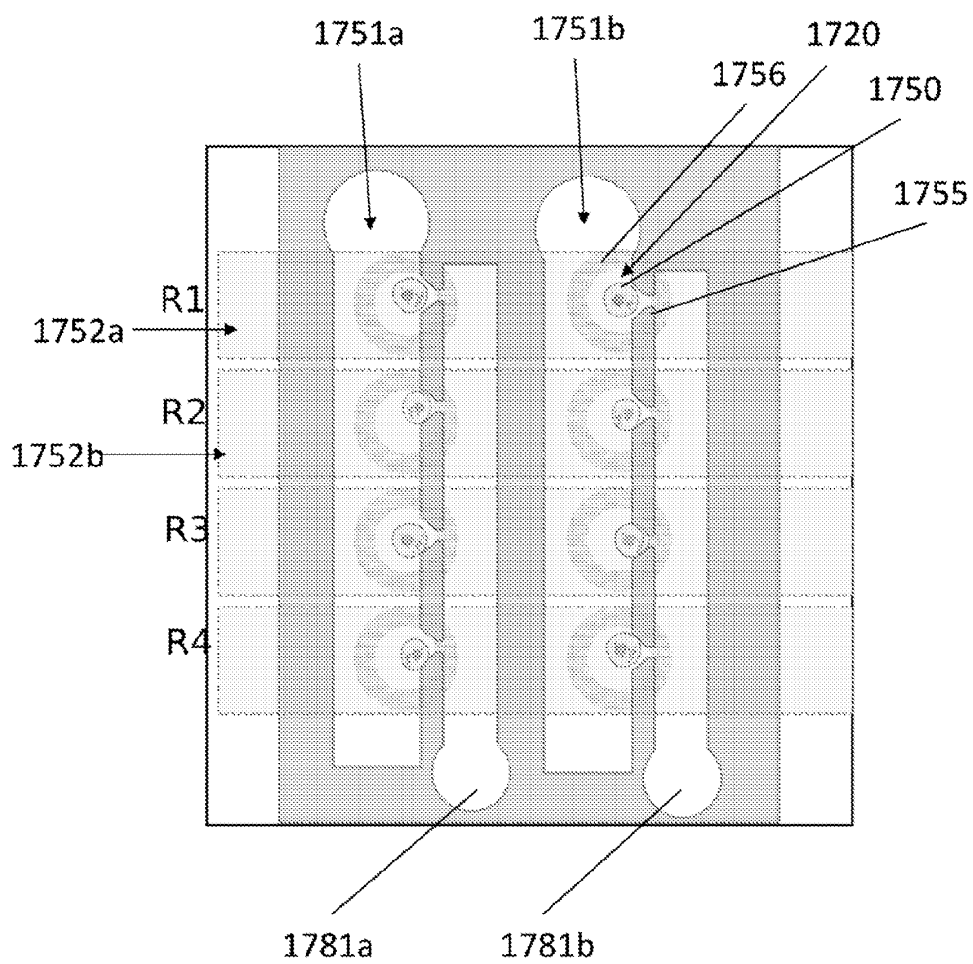


FIG. 17

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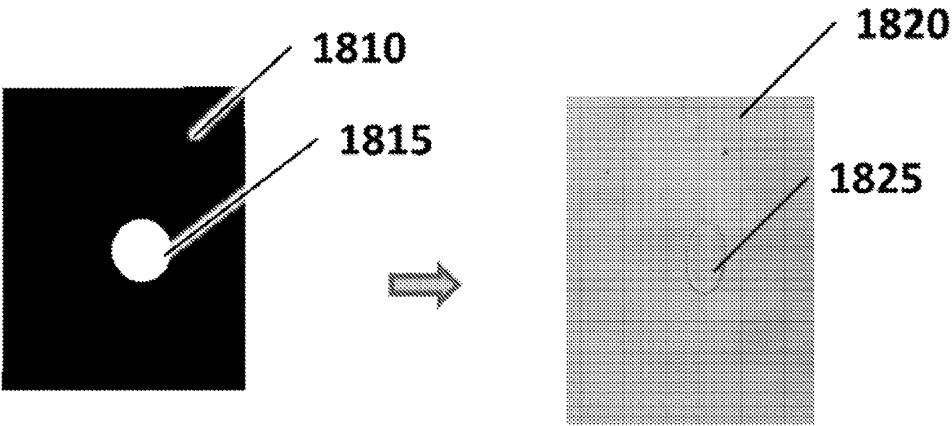


FIG. 18A

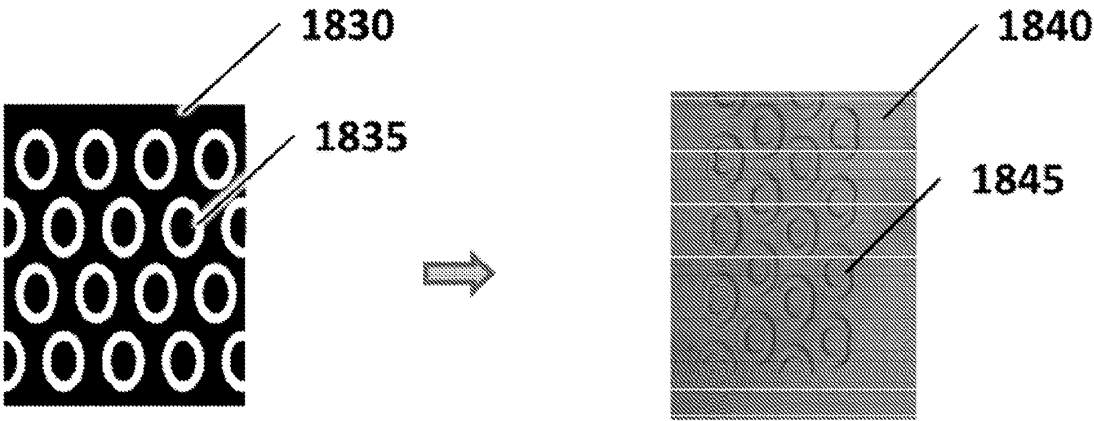


FIG. 18B

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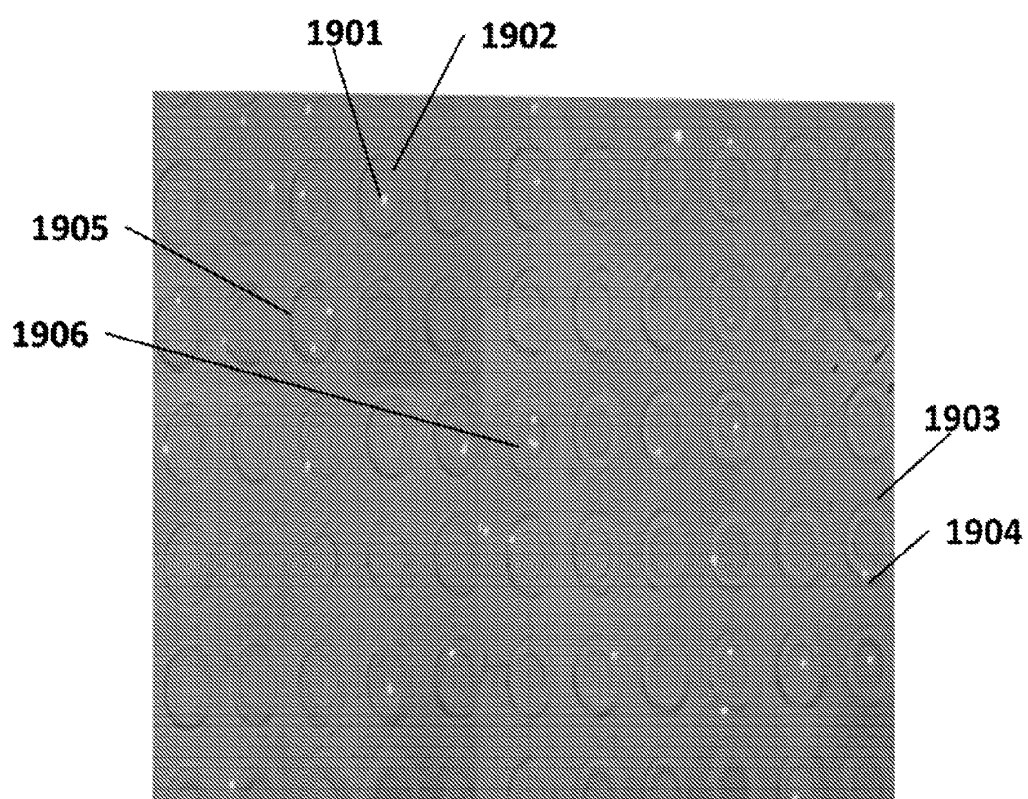


FIG. 19

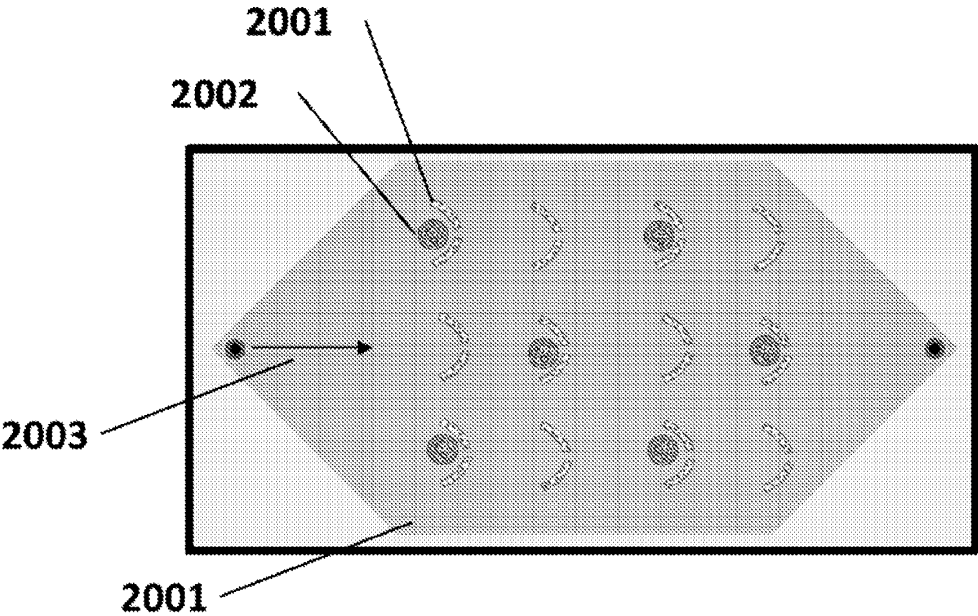


FIG. 20A

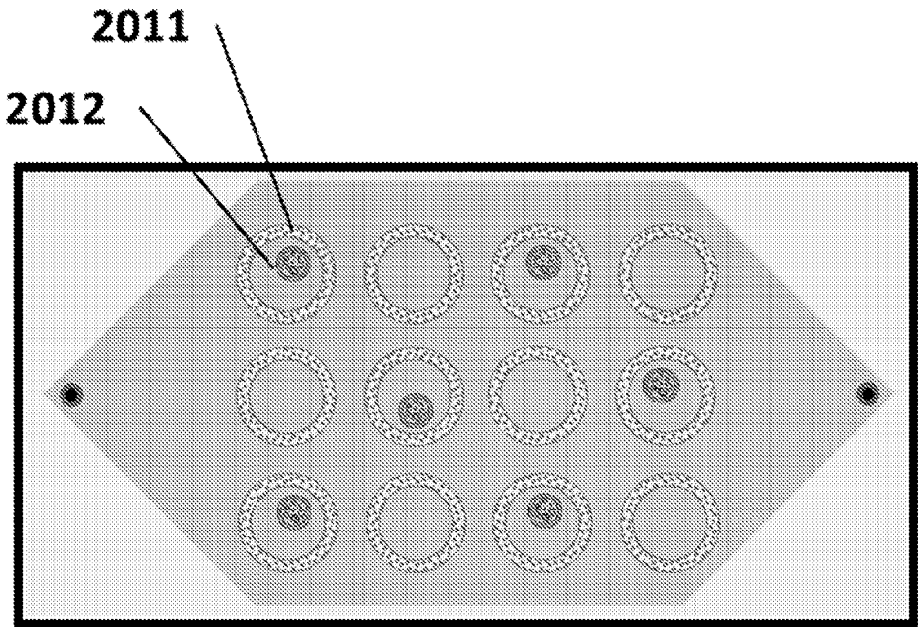


FIG. 20B

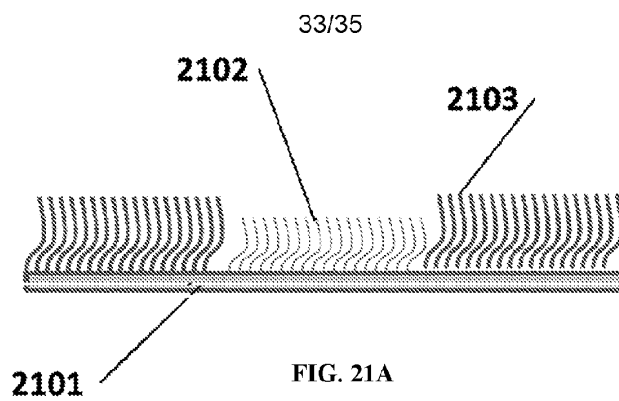


FIG. 21A

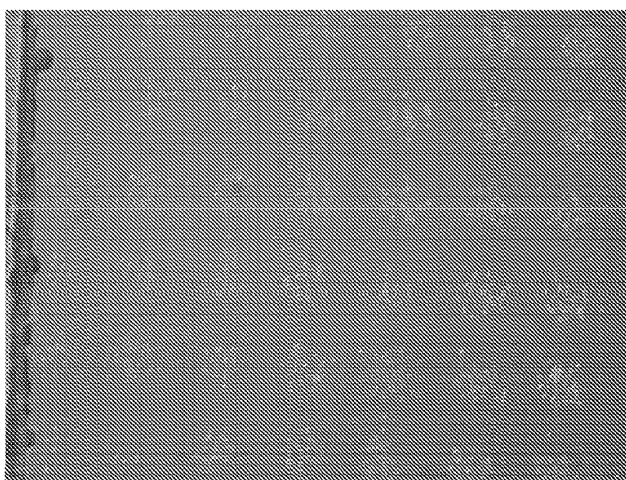


FIG. 21B

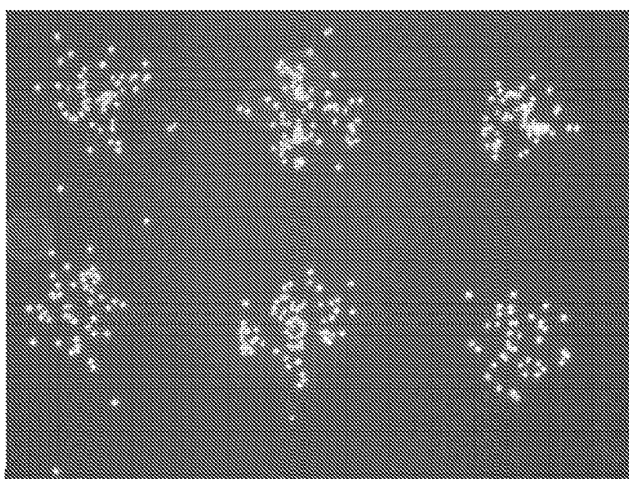


FIG. 21C

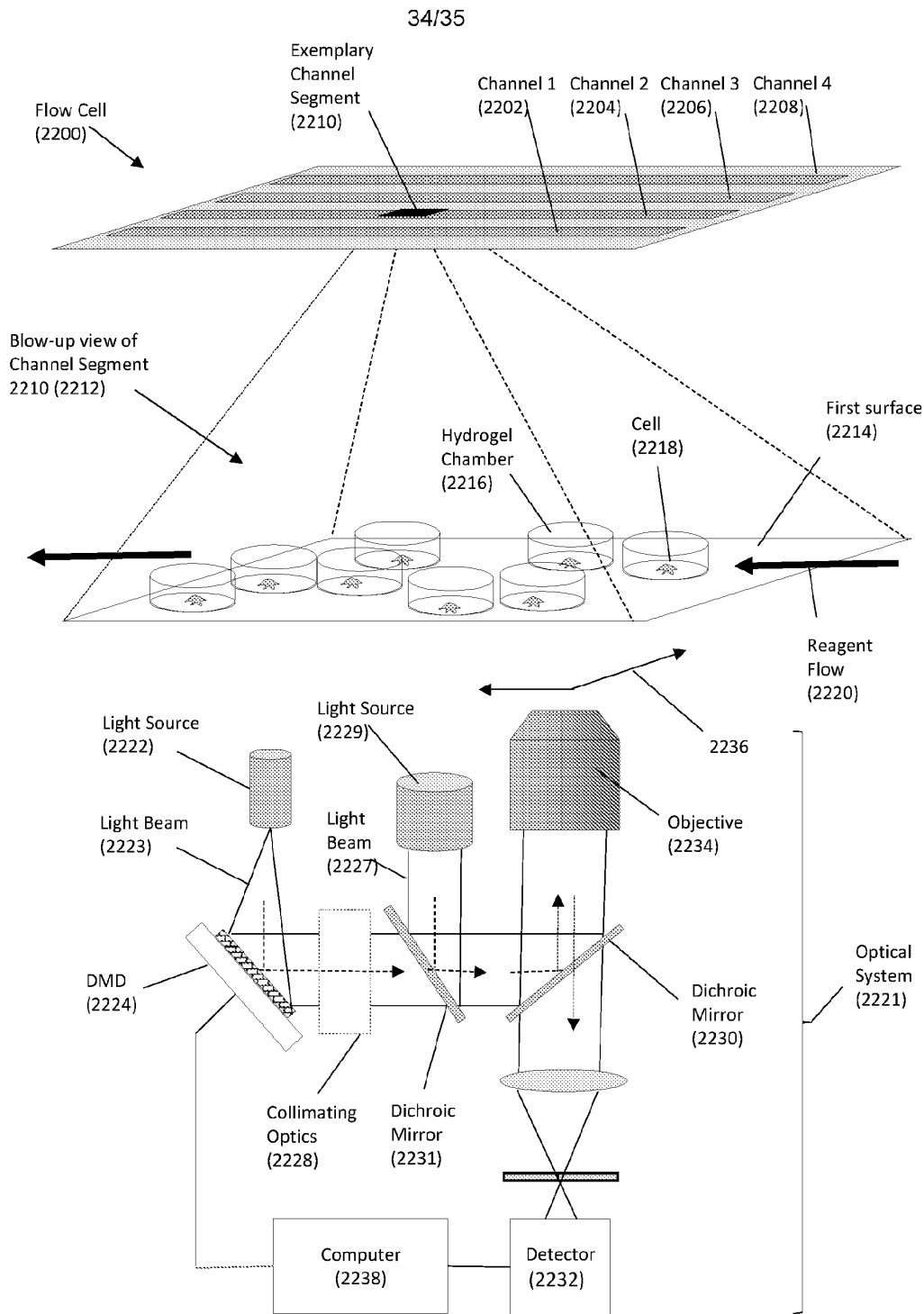


FIG. 22A

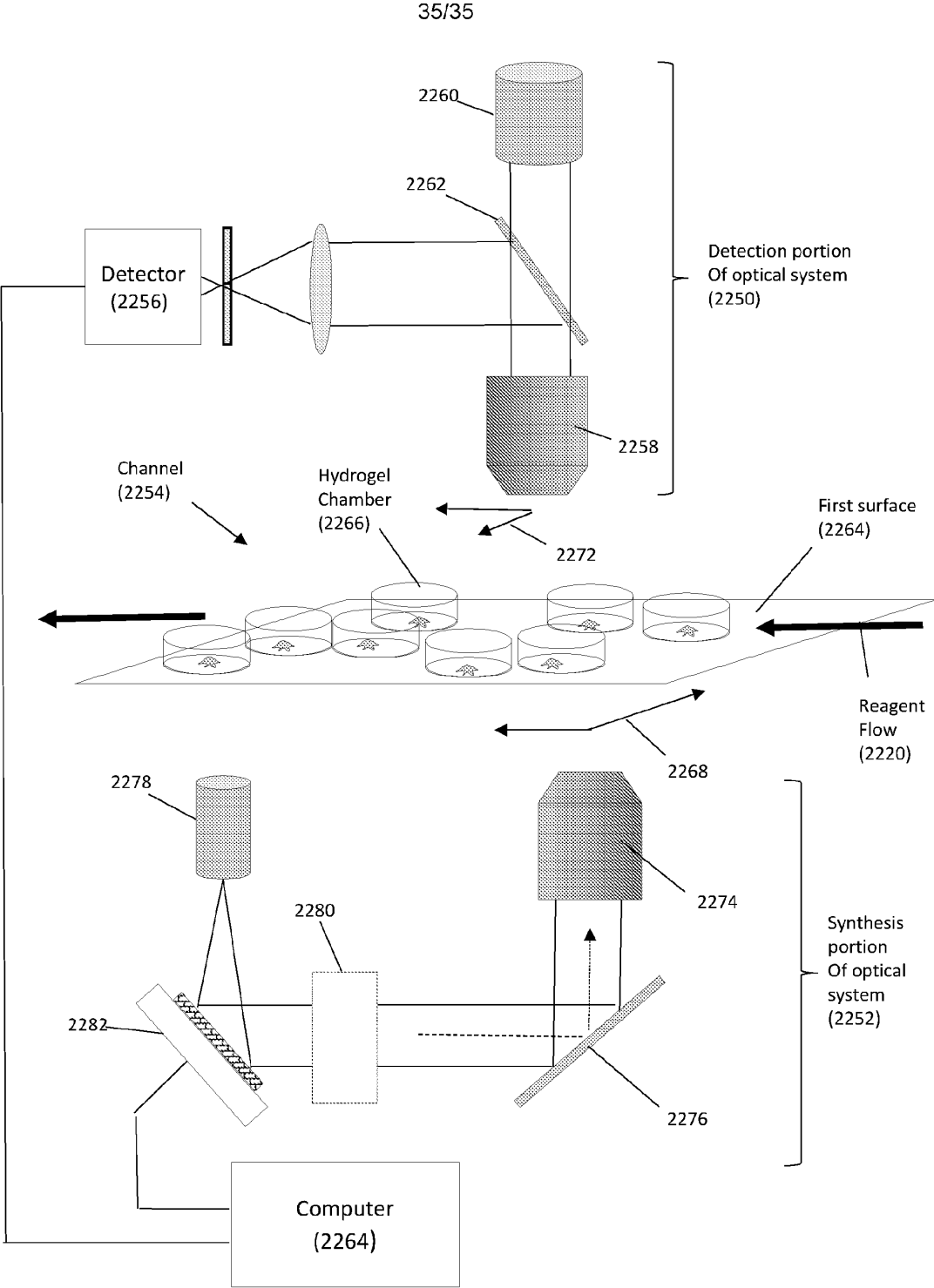


FIG. 22B