

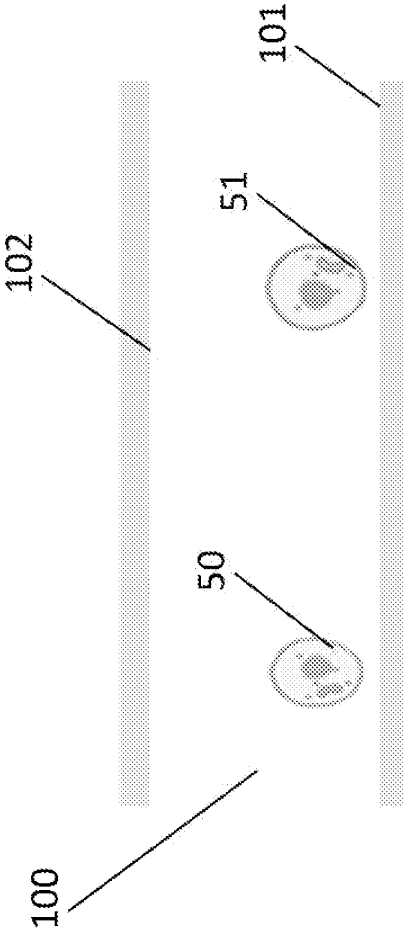


FIG. 1

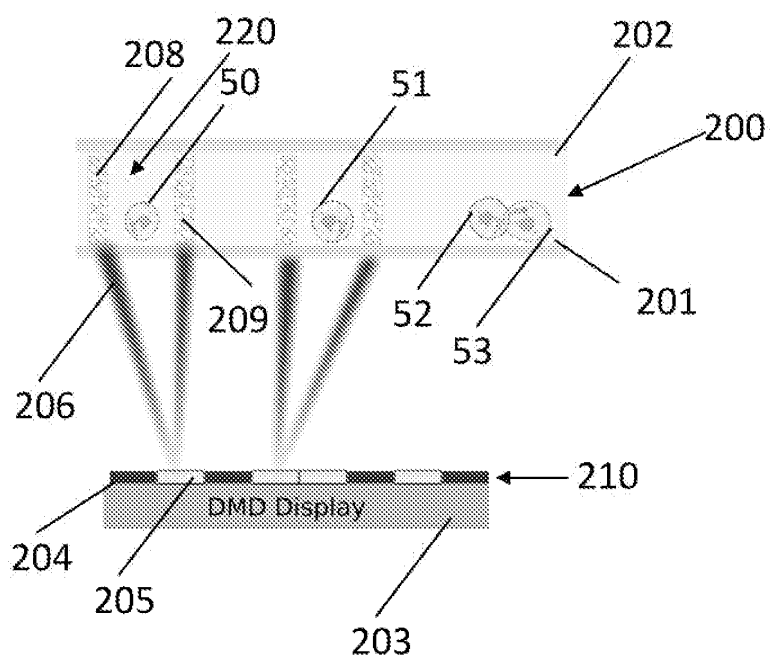
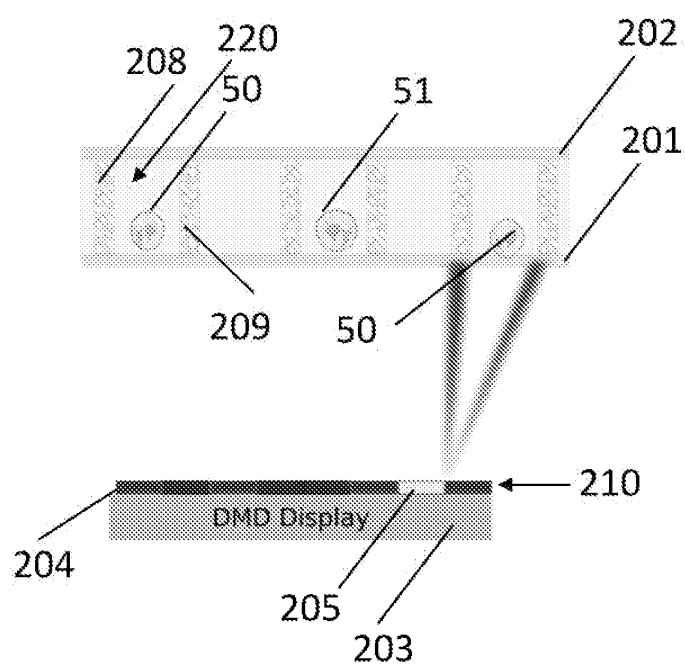


FIG. 2A

**FIG. 2B**

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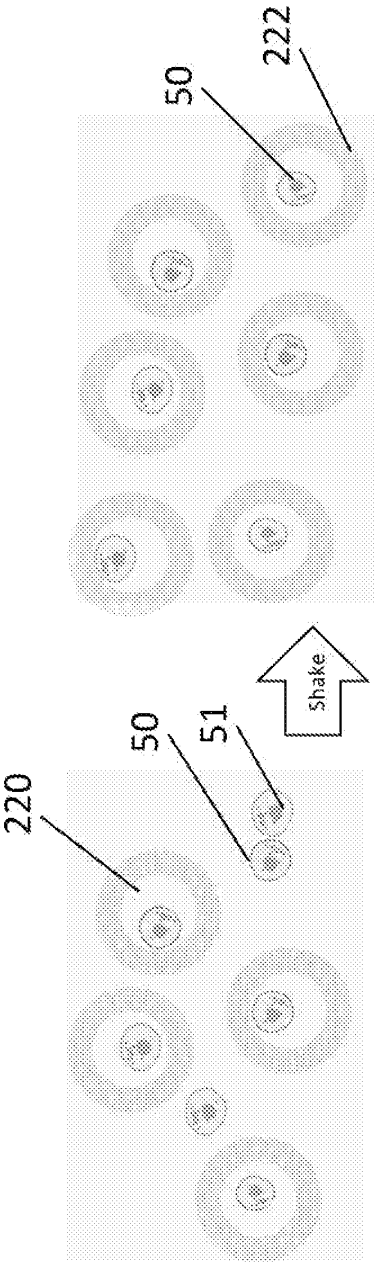
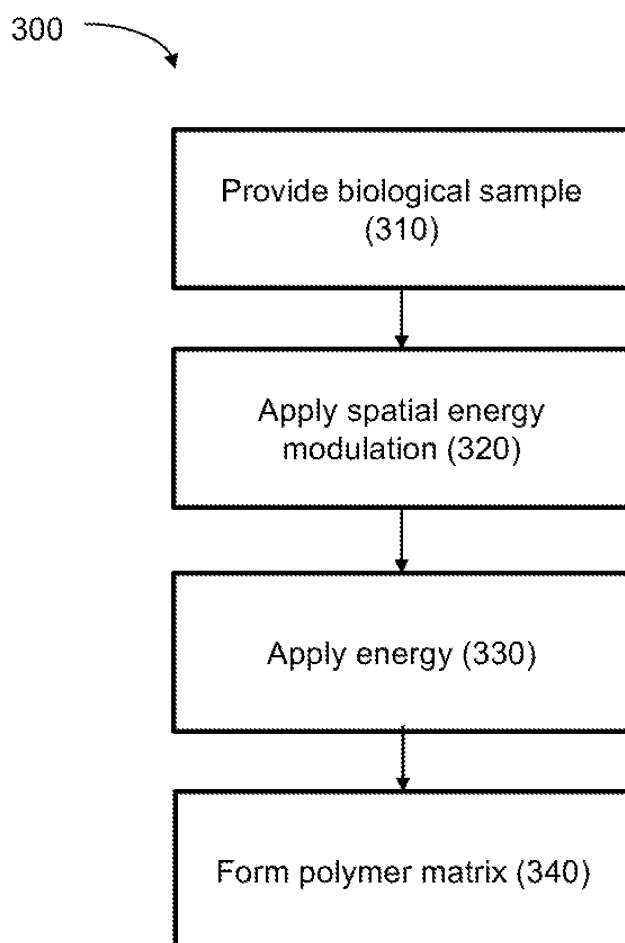


FIG. 2C

**FIG. 3**

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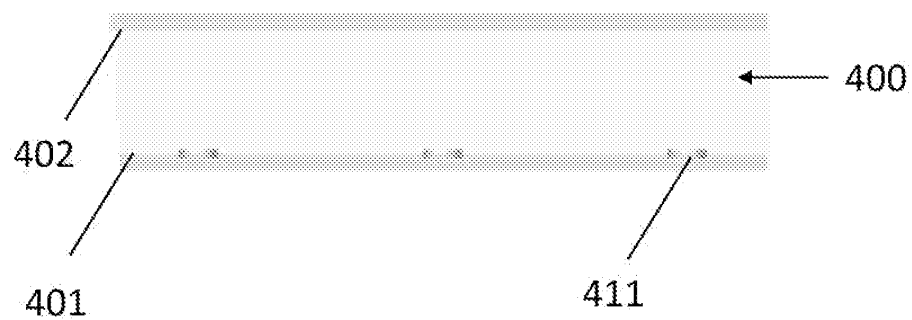


FIG. 4A

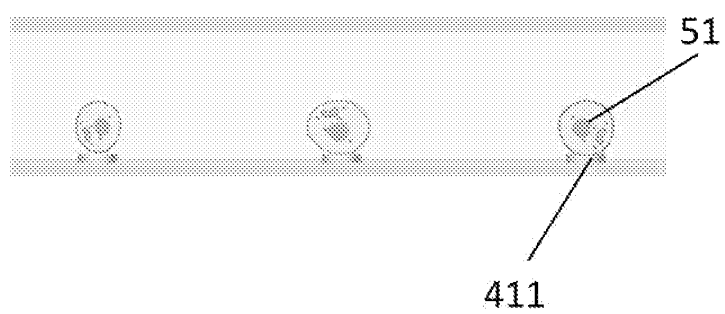


FIG. 4B

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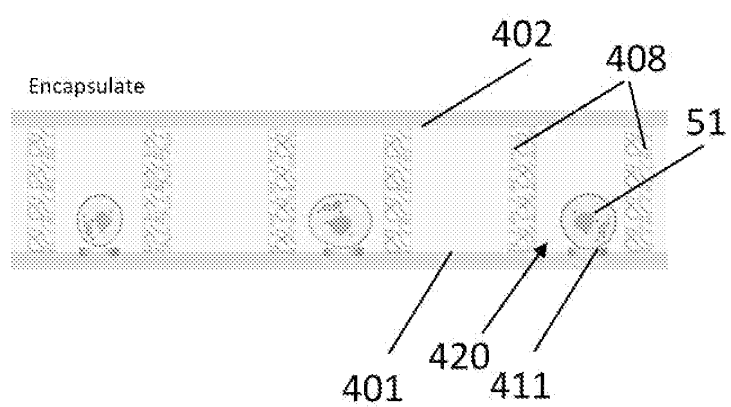
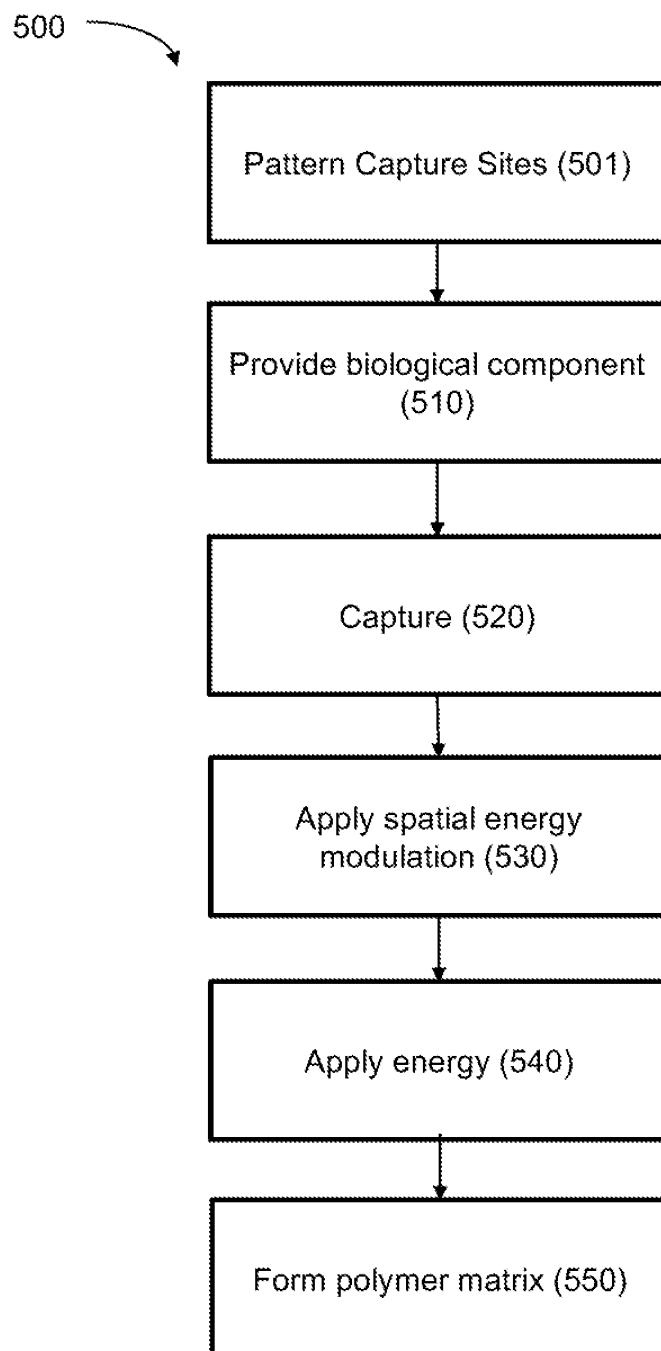
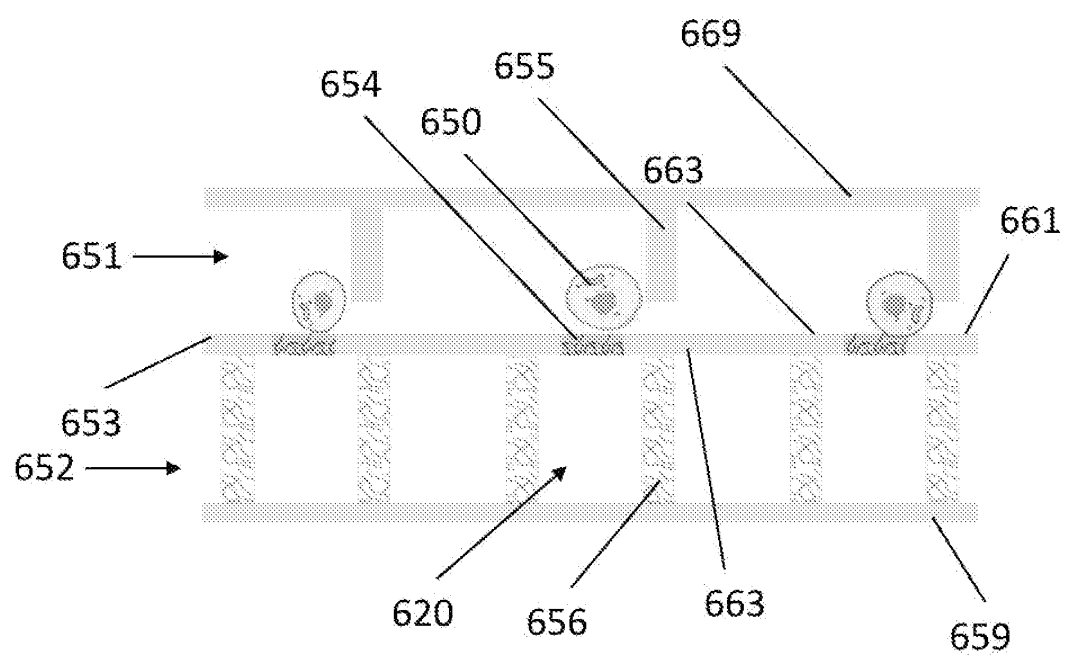


FIG. 4C

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**FIG. 5**

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**FIG. 6A**

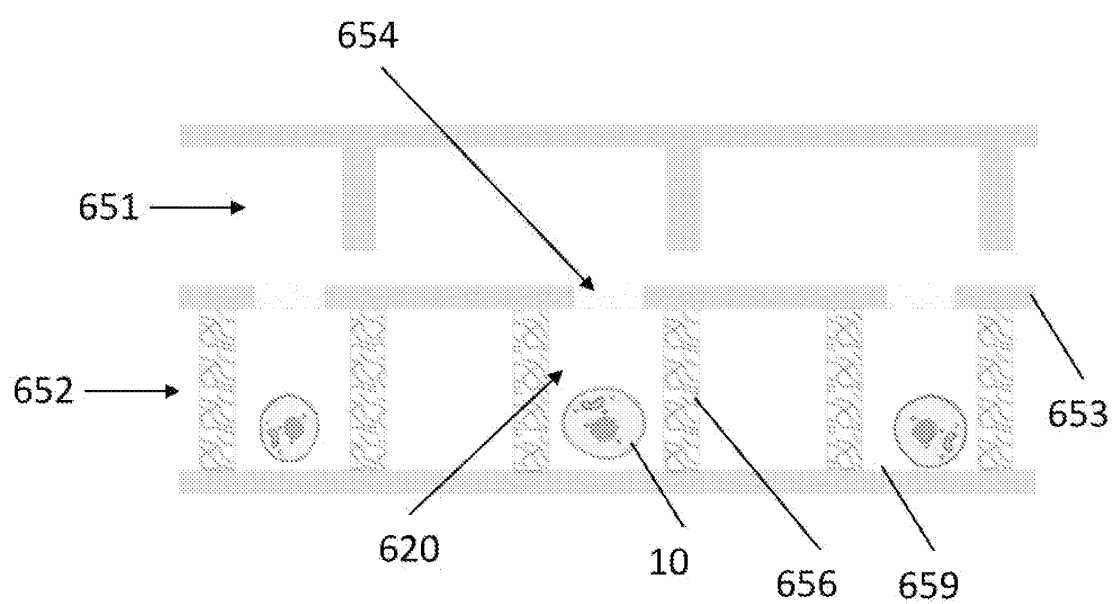


FIG. 6B

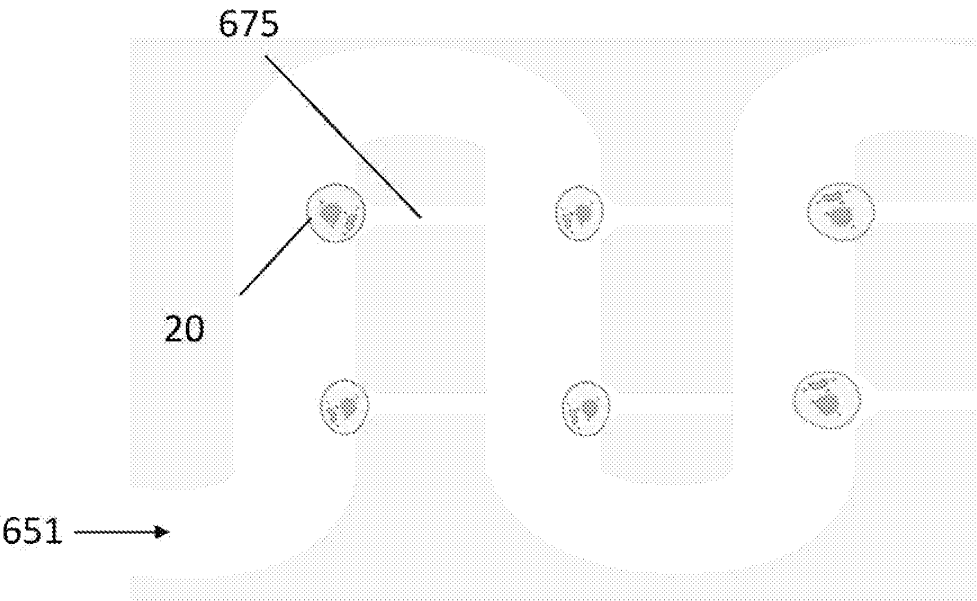


FIG. 7A

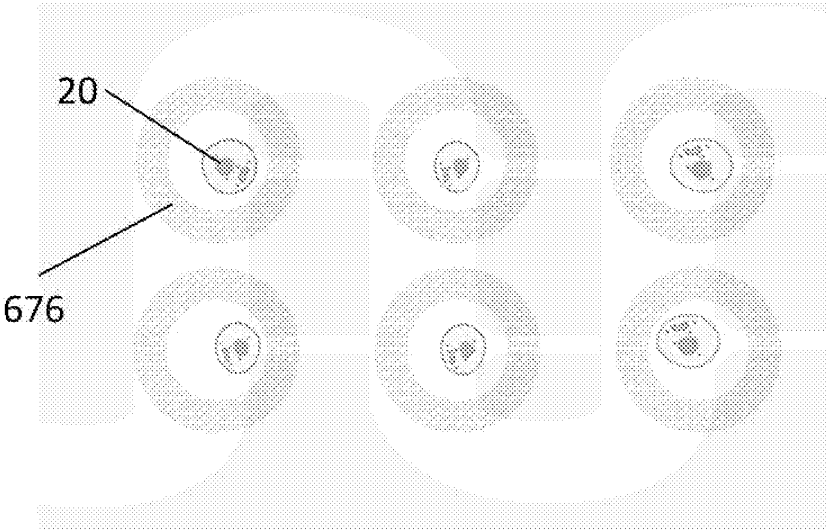


FIG. 7B

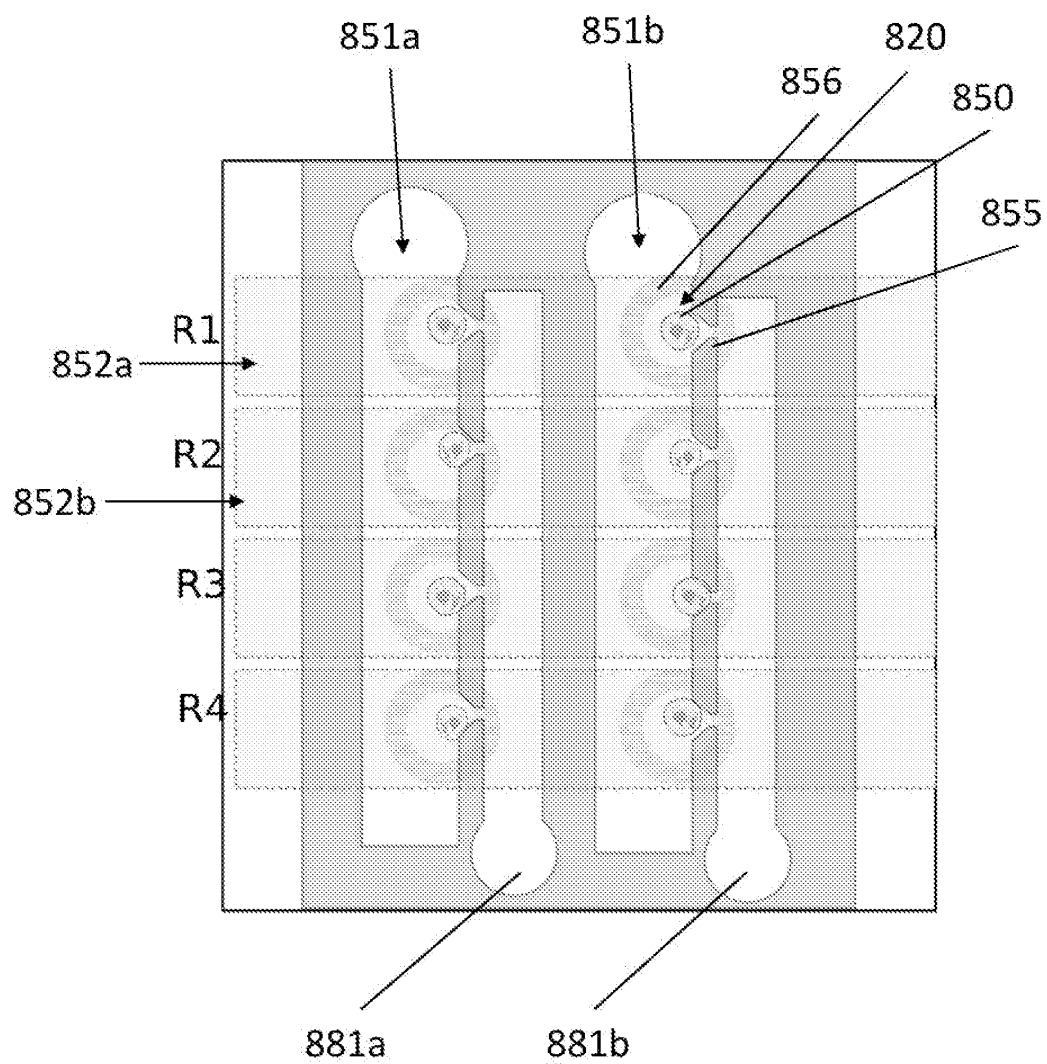


FIG. 8

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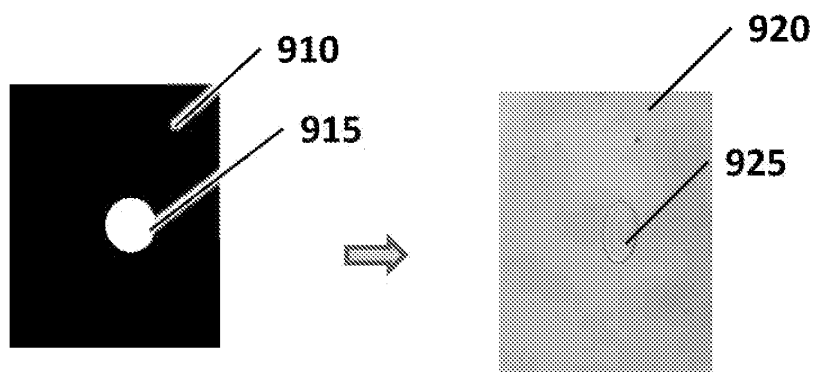


FIG. 9A

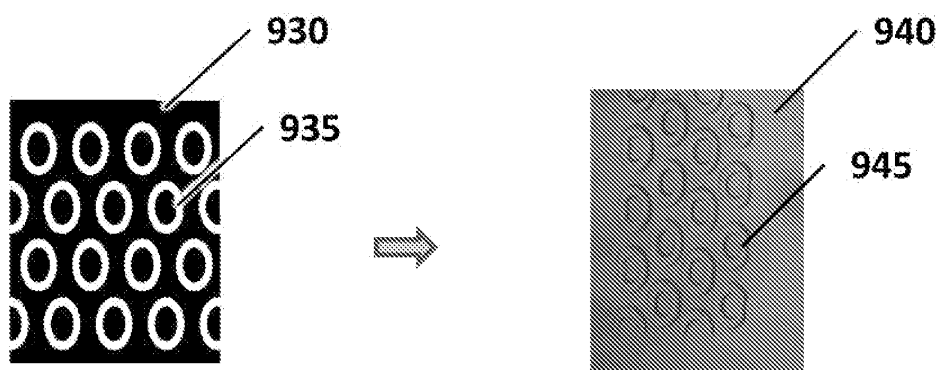


FIG. 9B

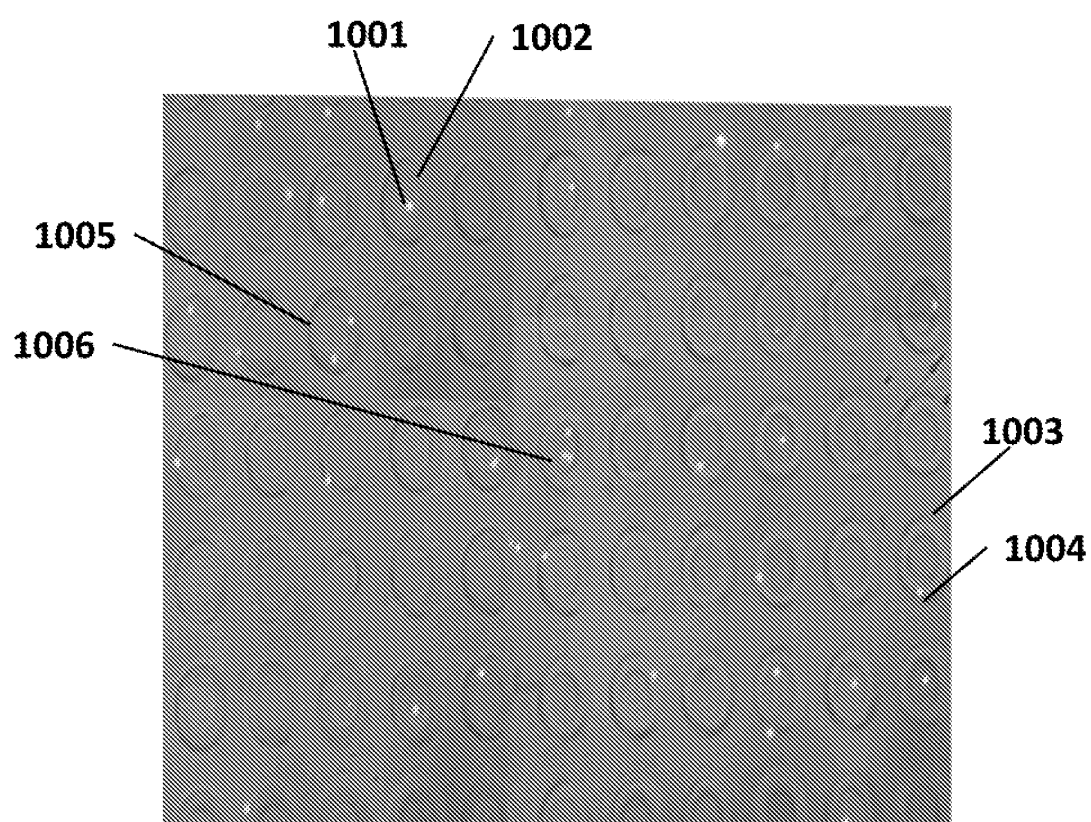


FIG. 10

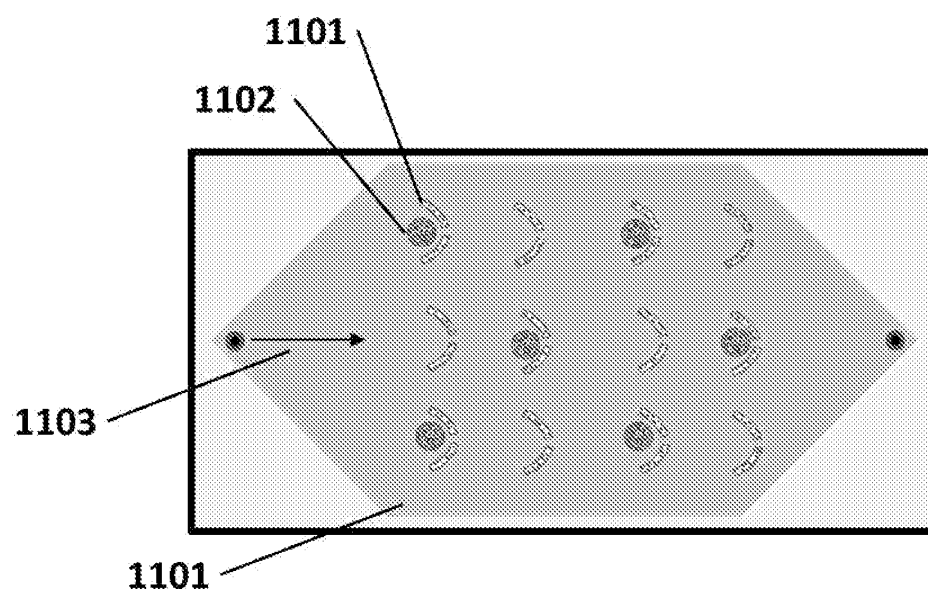


FIG. 11A

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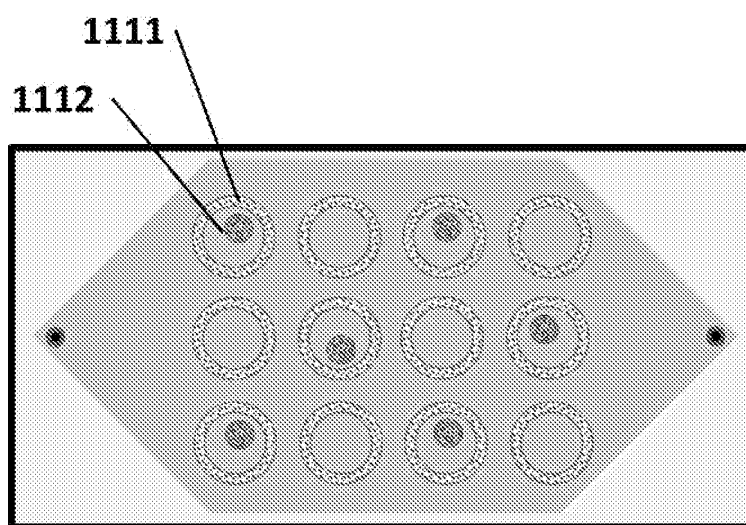


FIG. 11B

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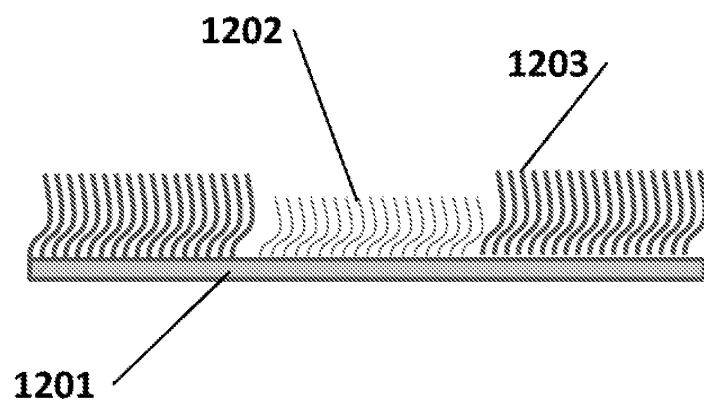


FIG. 12A

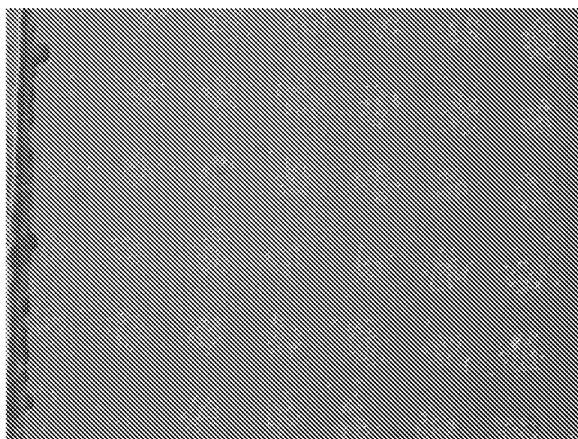


FIG. 12B

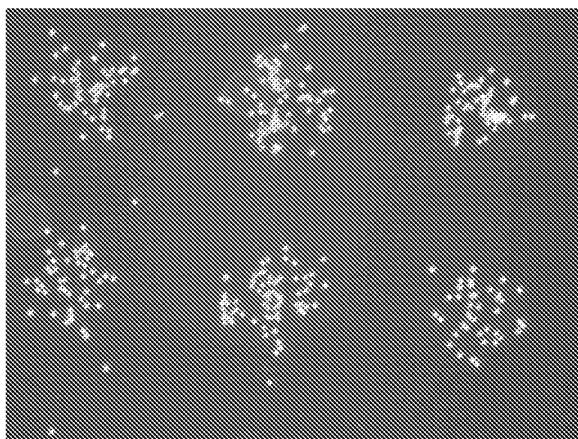


FIG. 12C

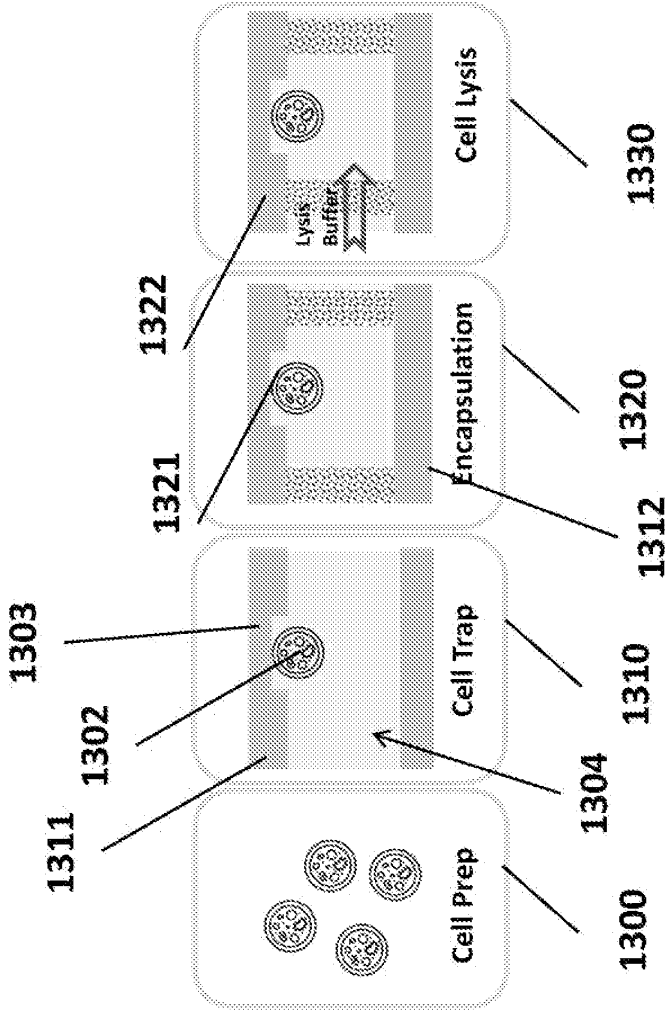


FIG. 13A

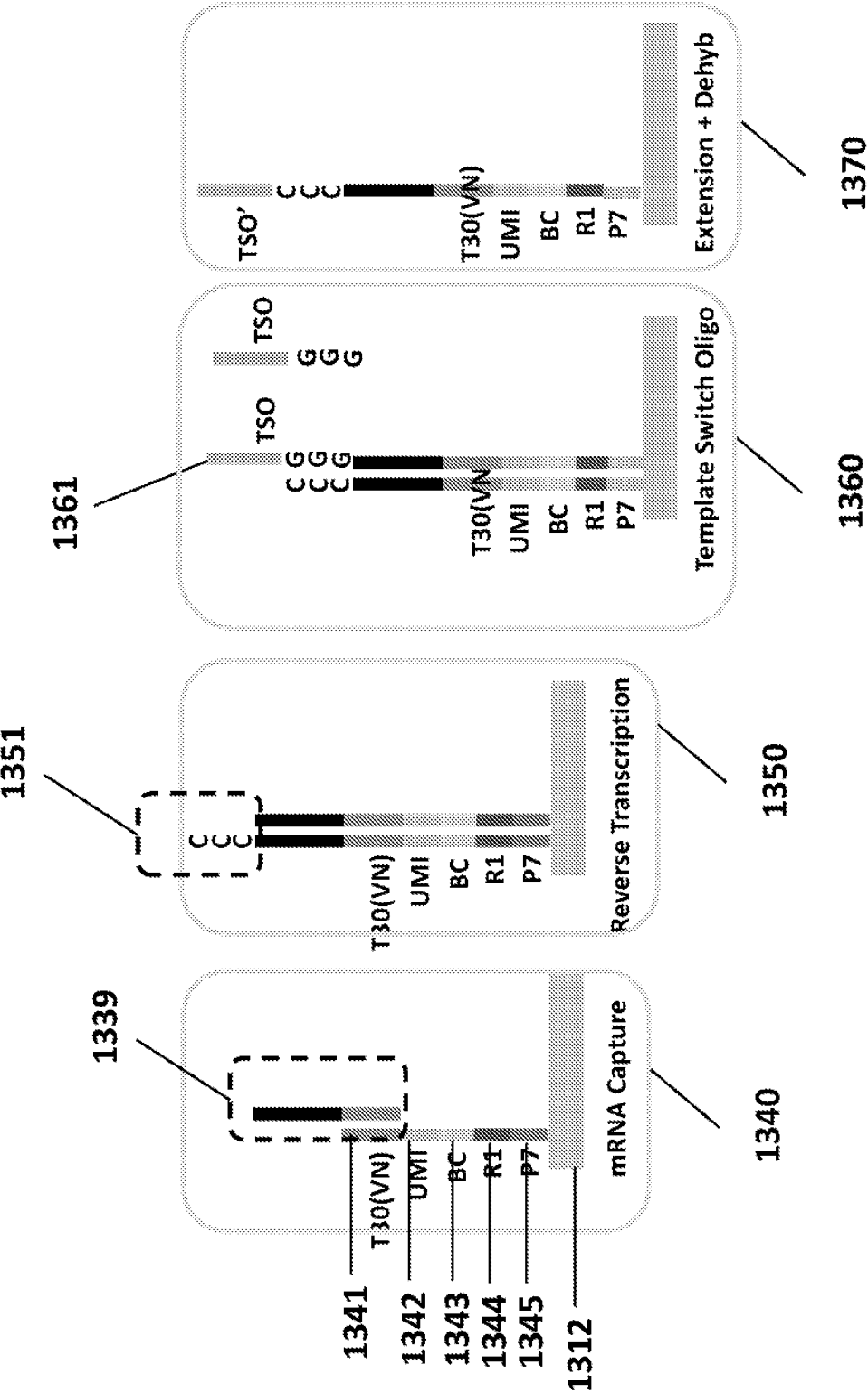


FIG. 13B

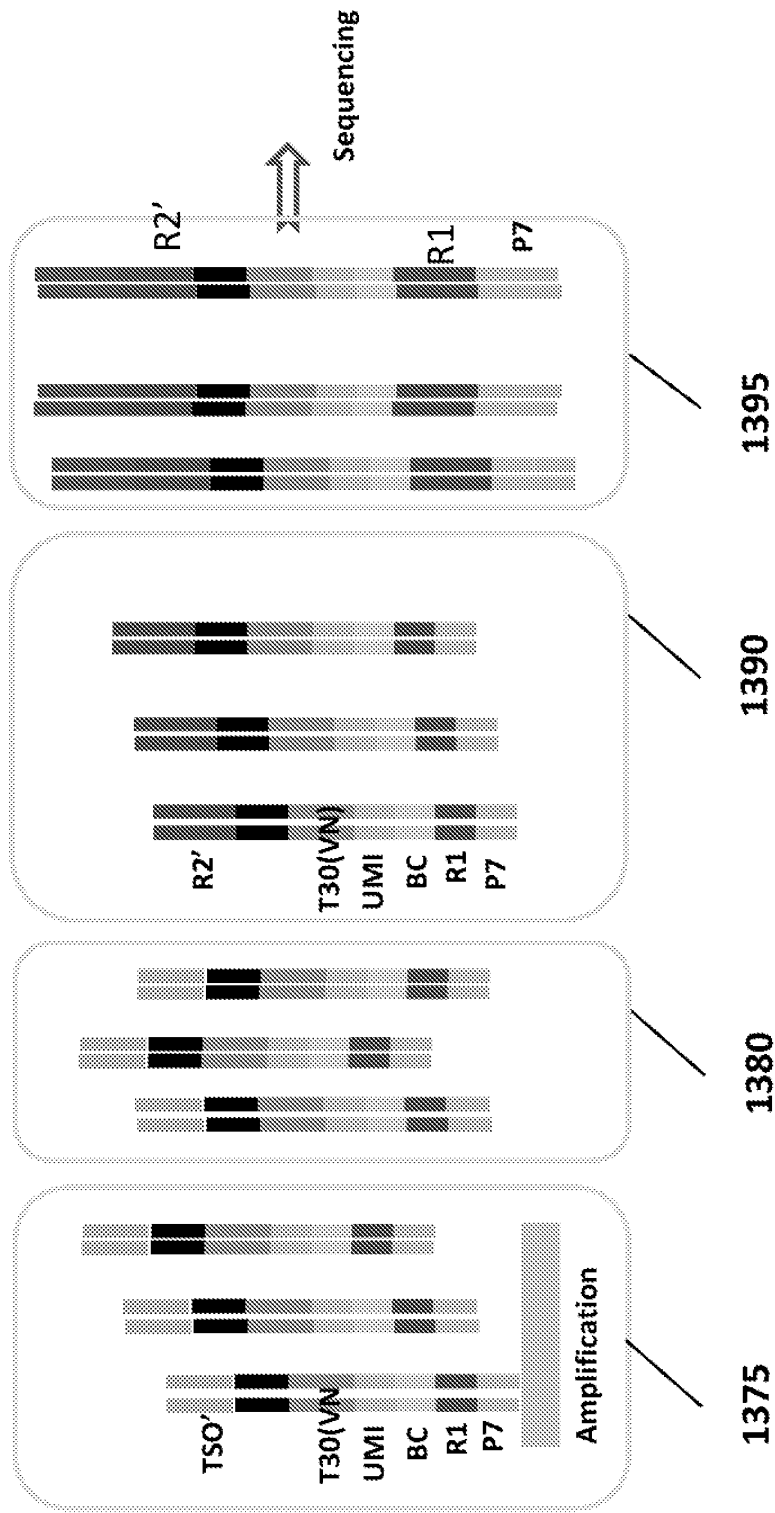


FIG. 13C

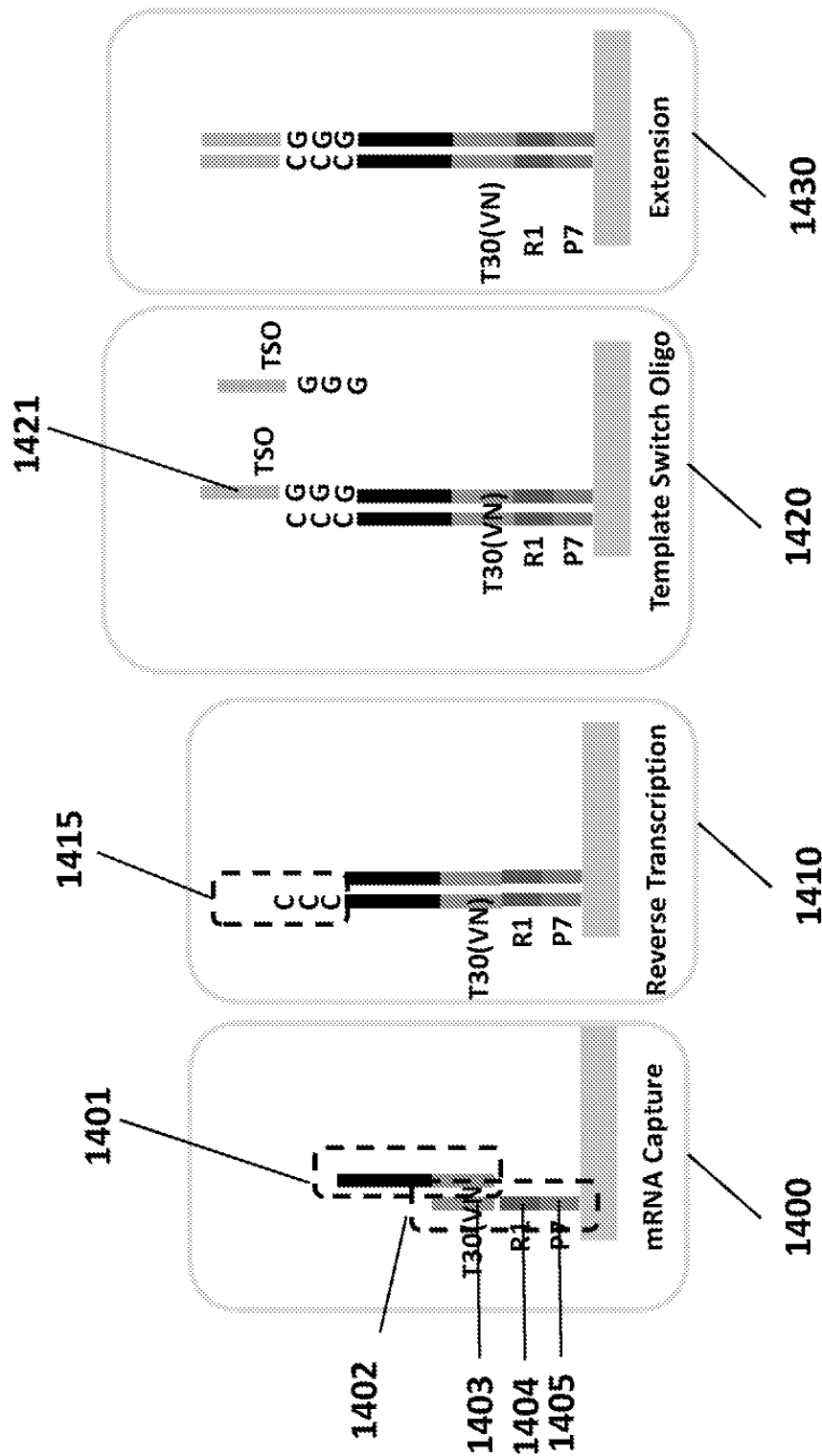


FIG. 14A

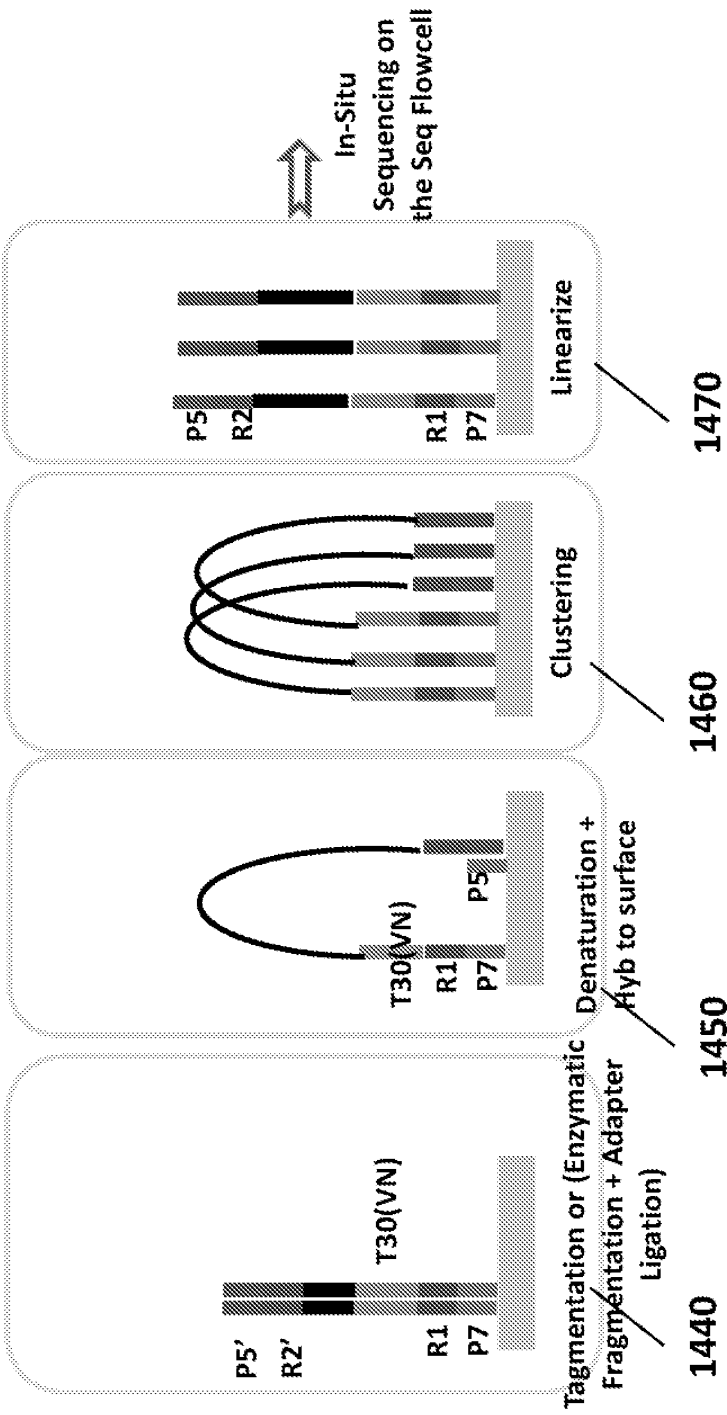


FIG. 14B

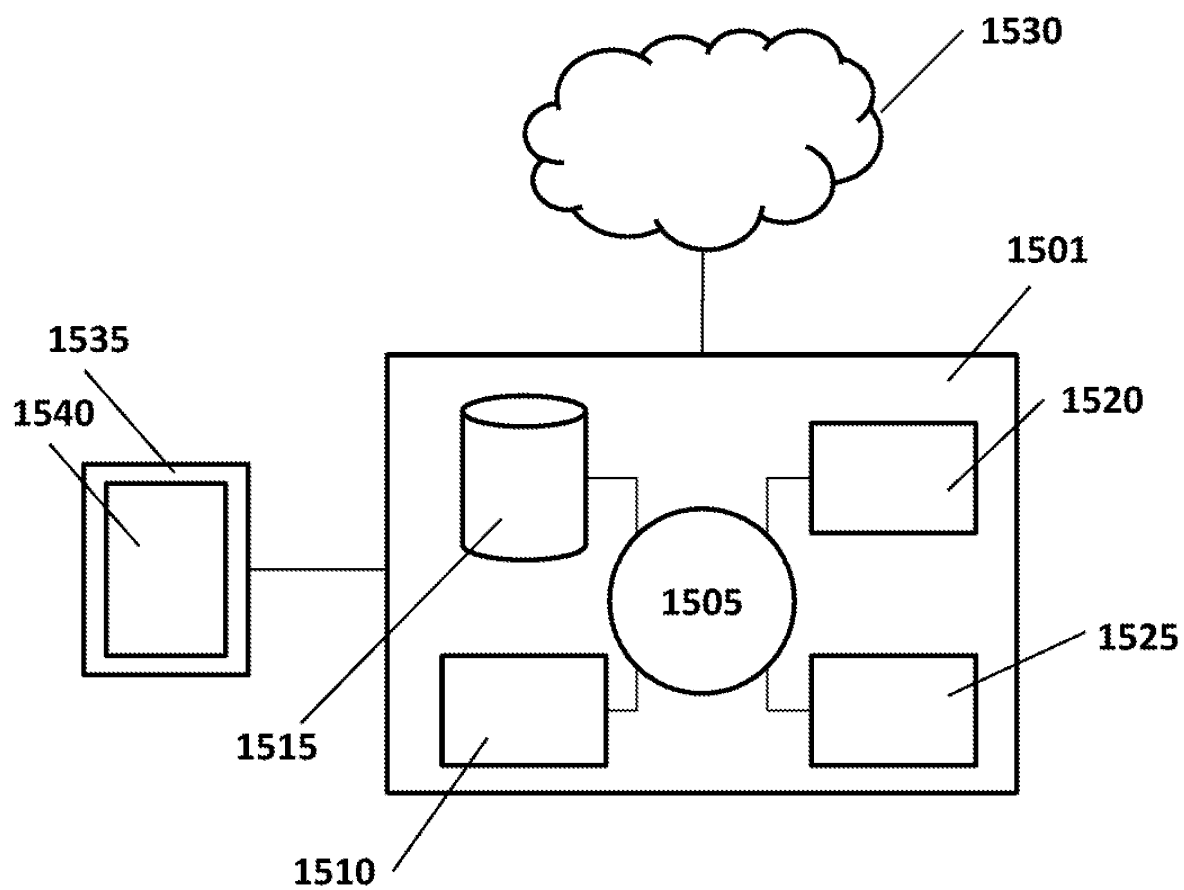


FIG. 15

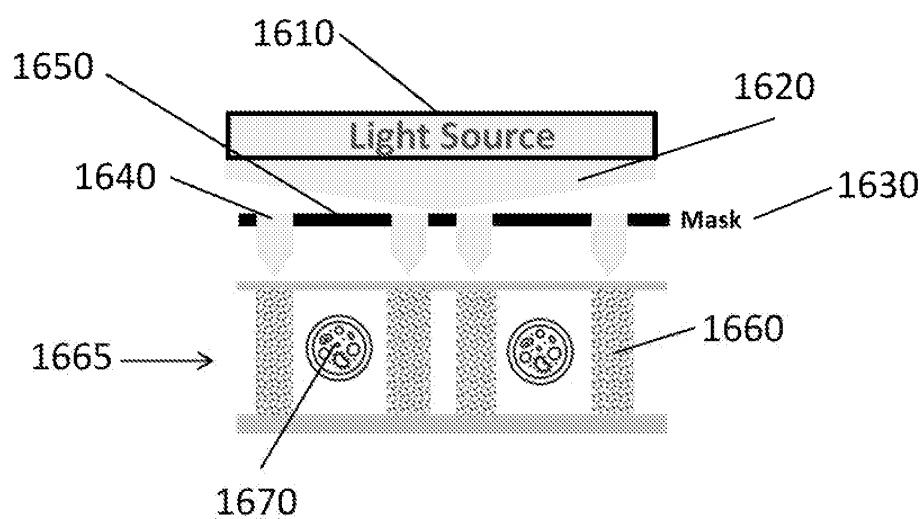
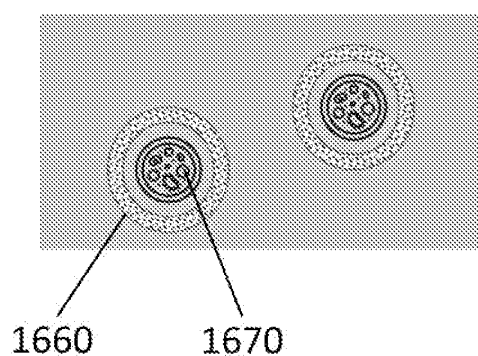


FIG. 16A

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Hydrogel Generation using a Physical Masks

Top View

**FIG. 16B**

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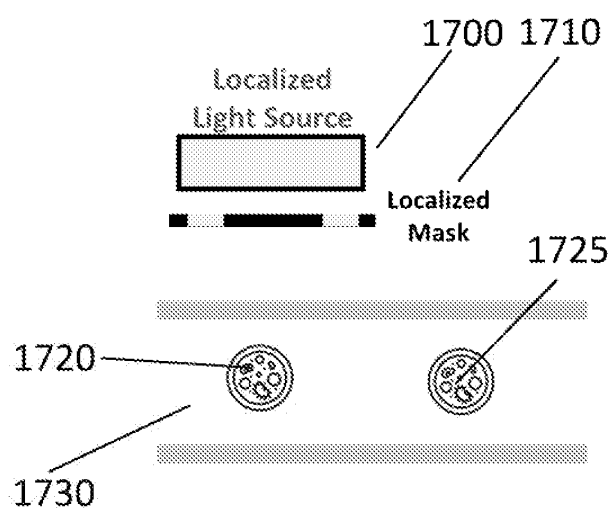


FIG. 17A

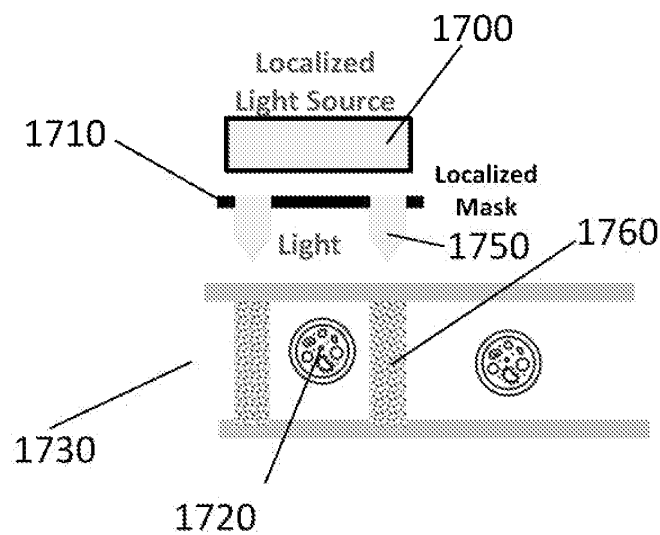


FIG. 17B

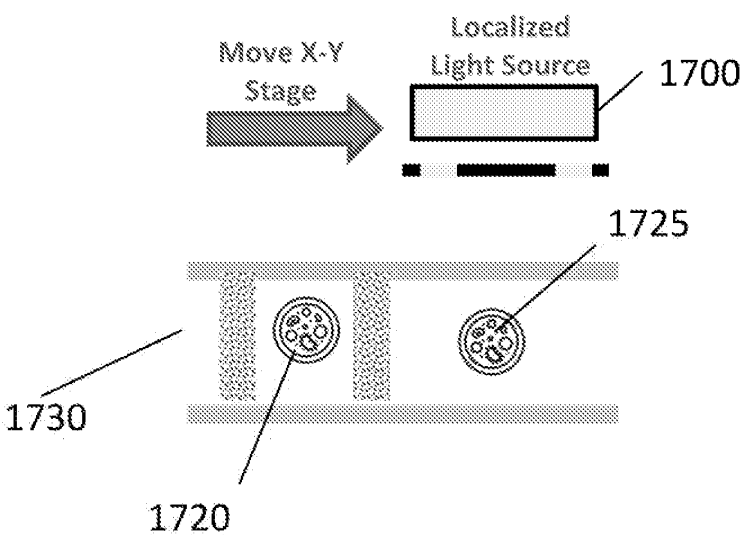
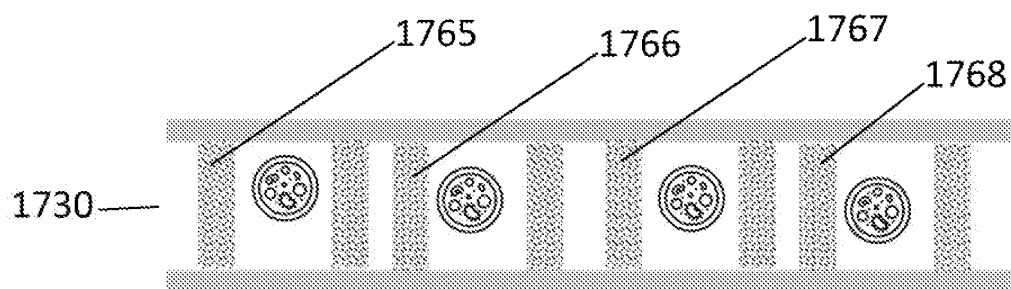
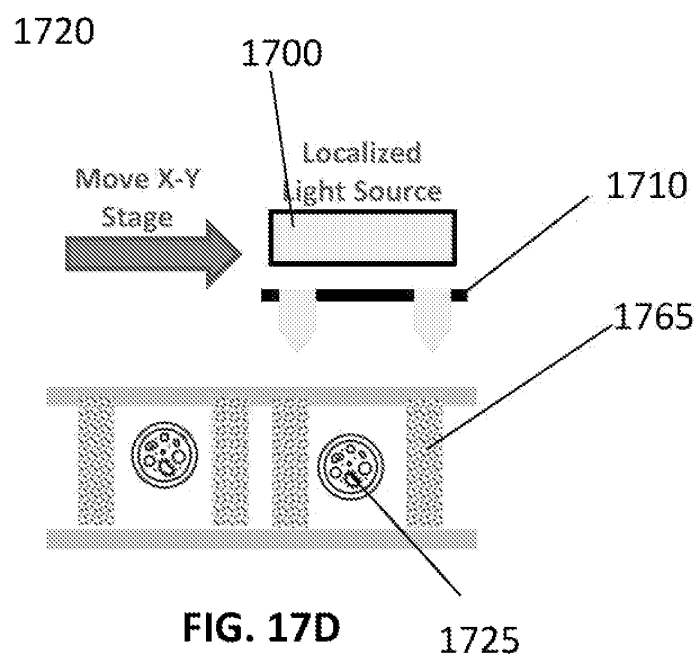


FIG. 17C

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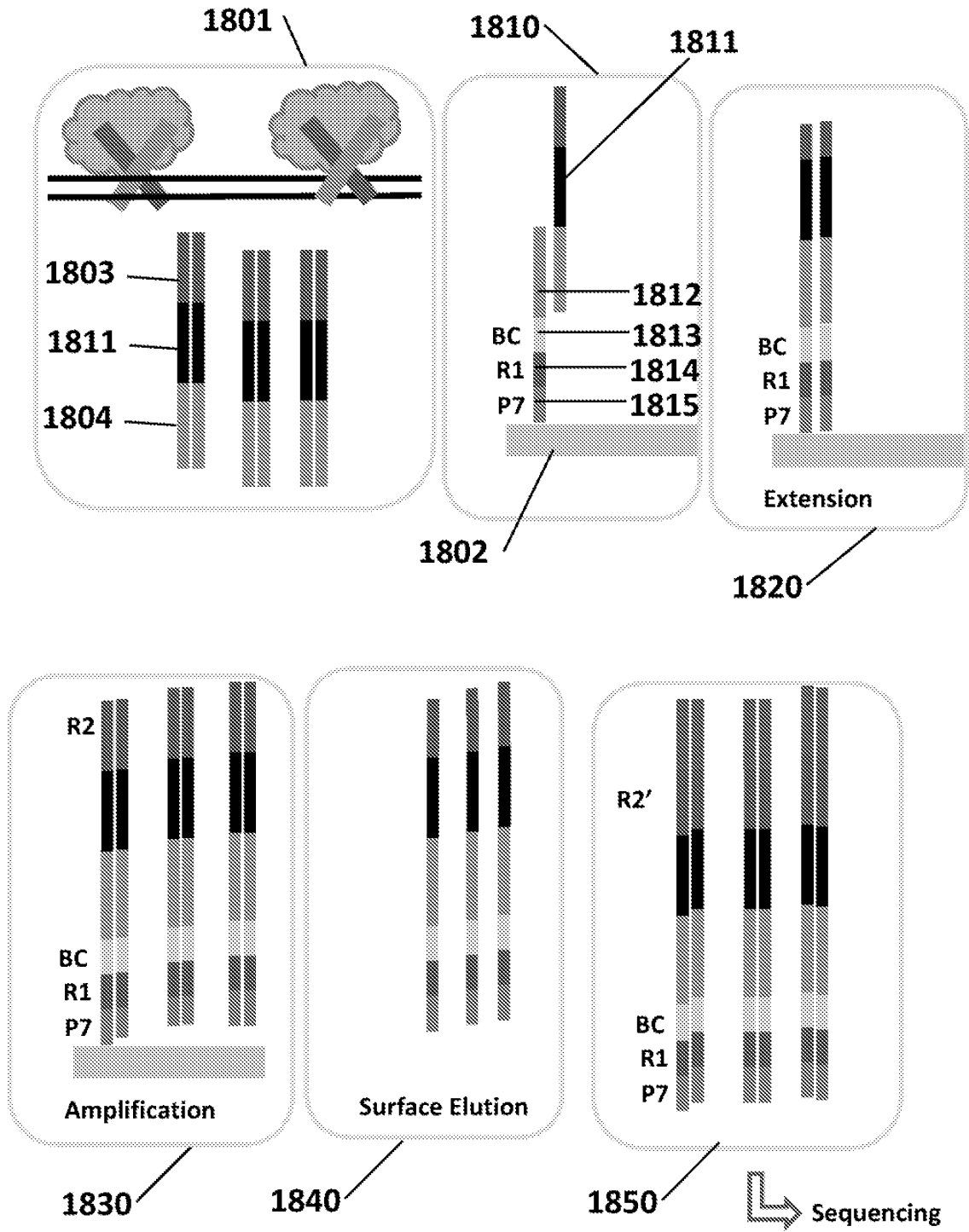


FIG. 18

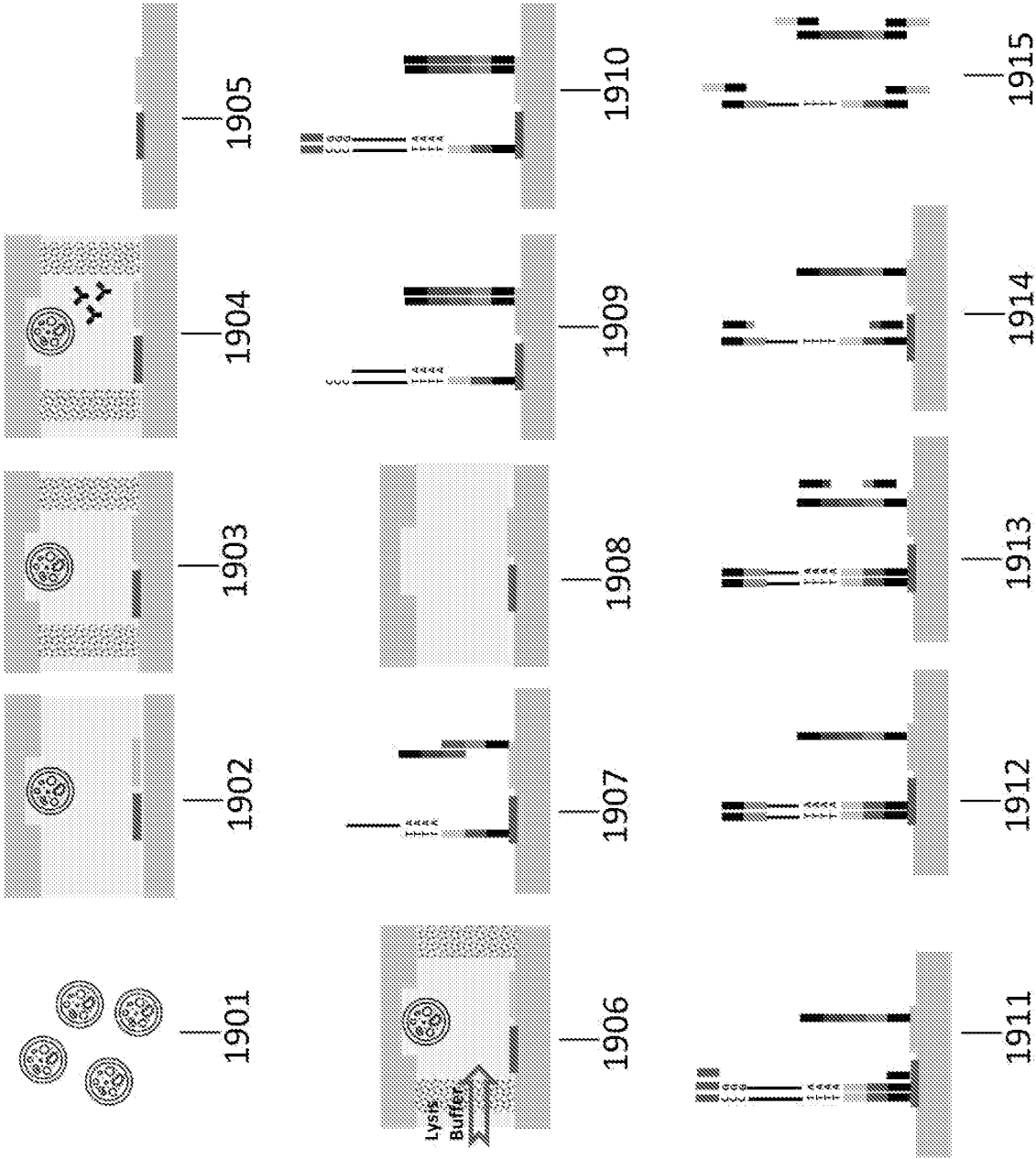


FIG. 19

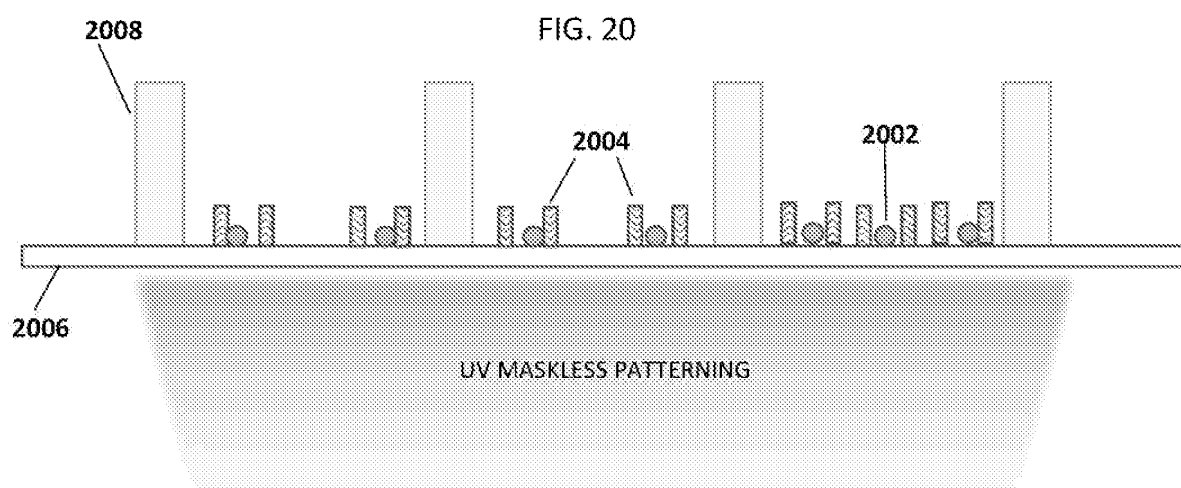


FIG. 21

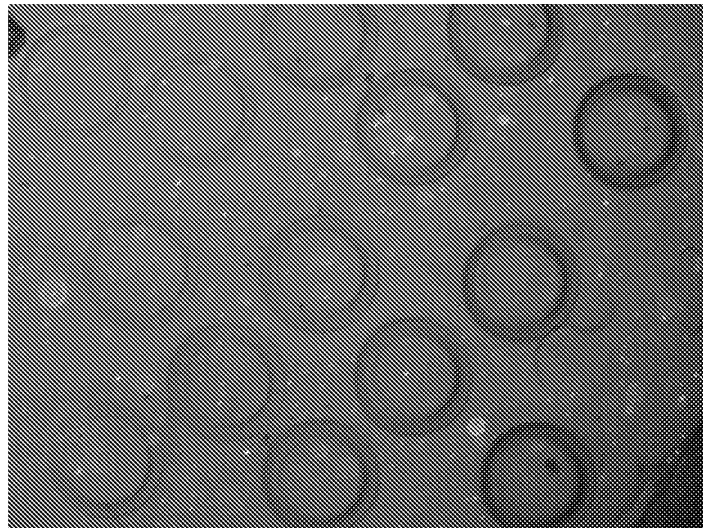
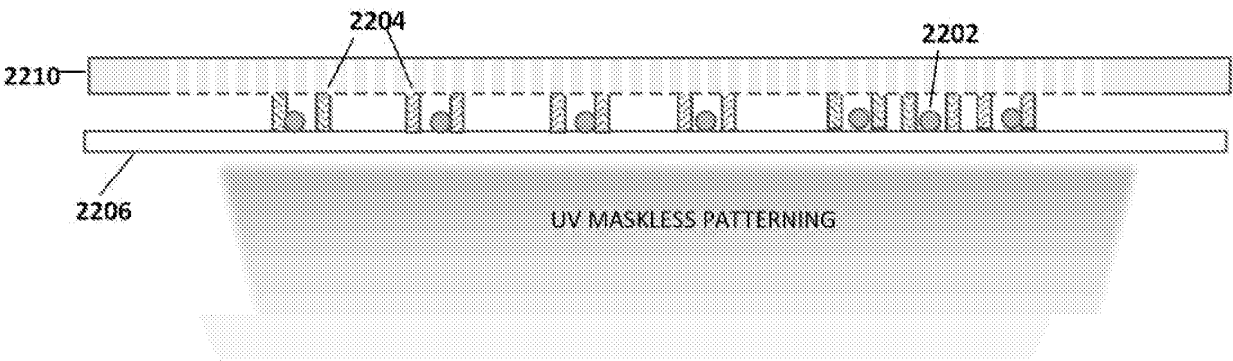


FIG. 22



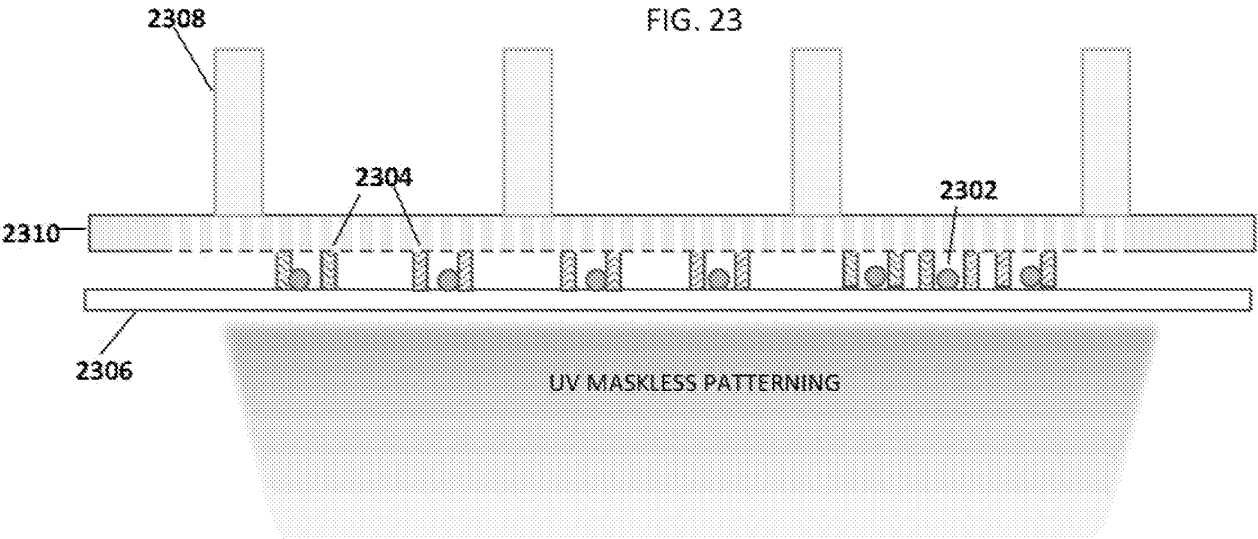


FIG. 24A

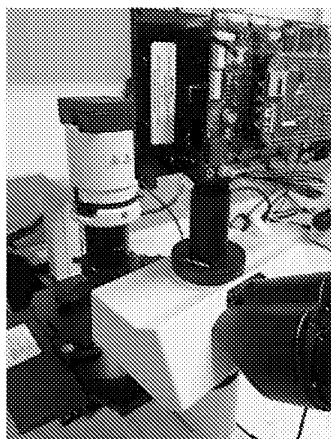


FIG. 24B

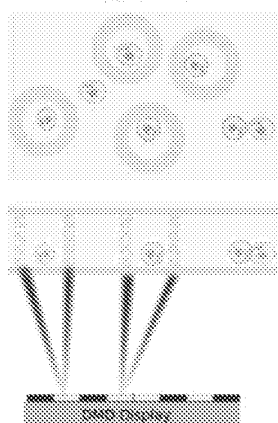
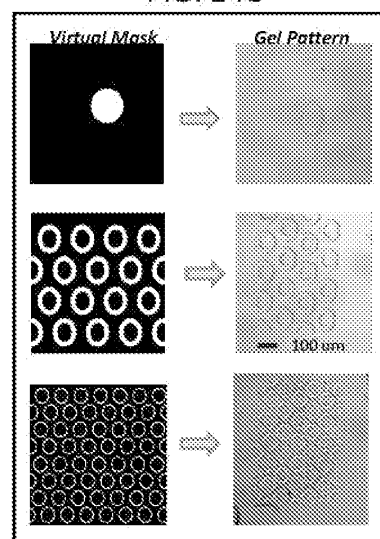


FIG. 24C



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FIG. 25A

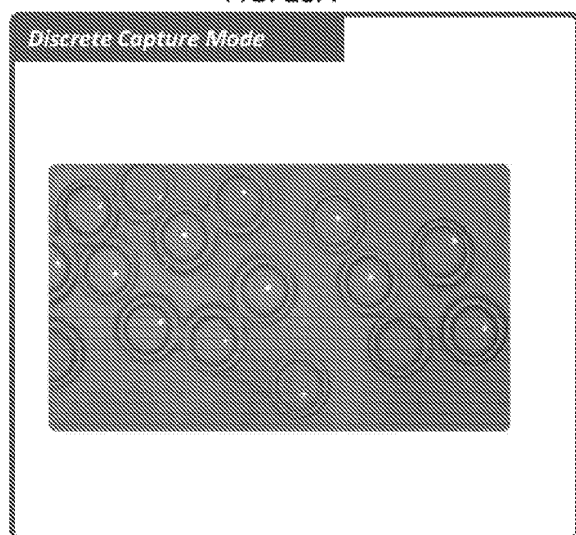


FIG. 25B

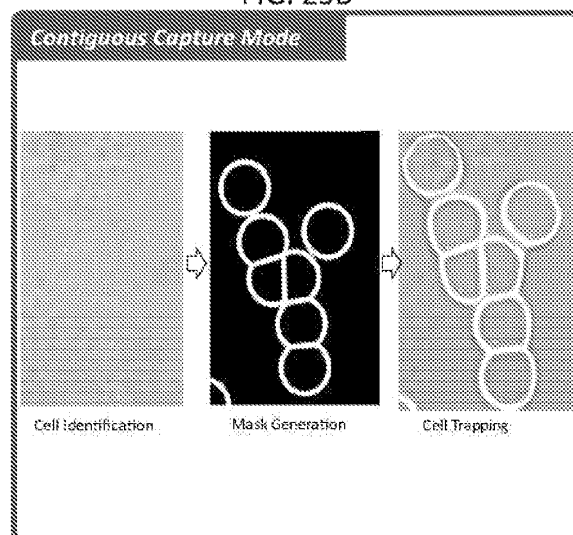


FIG. 26A

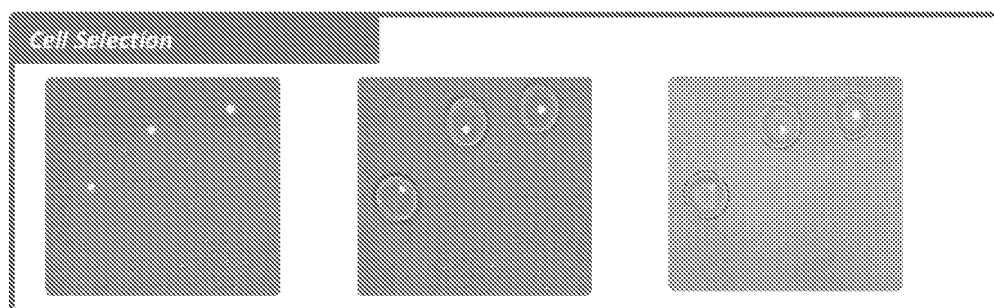


FIG. 26B

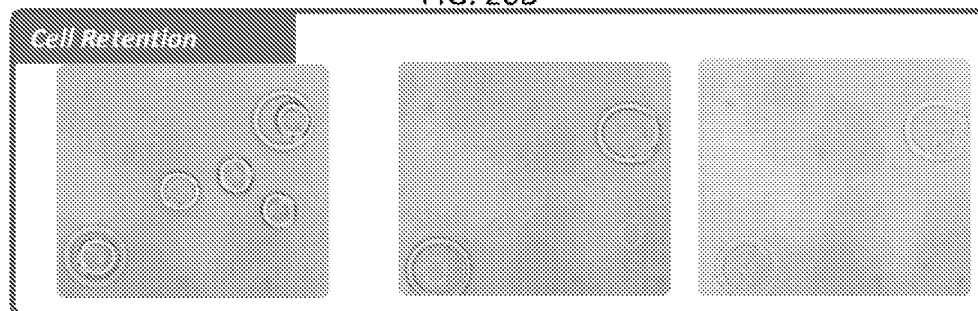


FIG. 27A



FIG. 27B

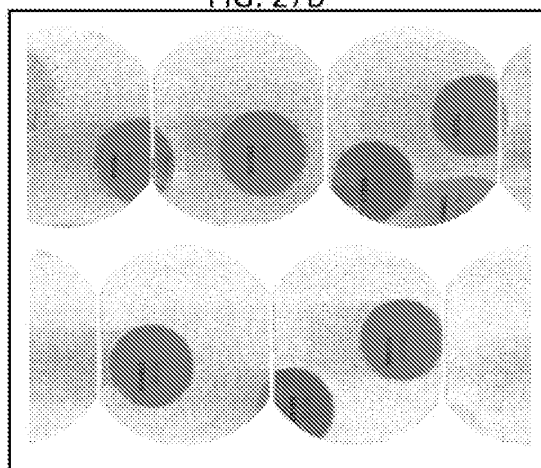


FIG. 27C

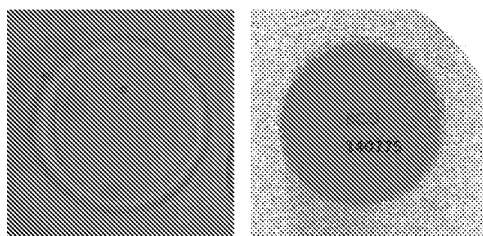
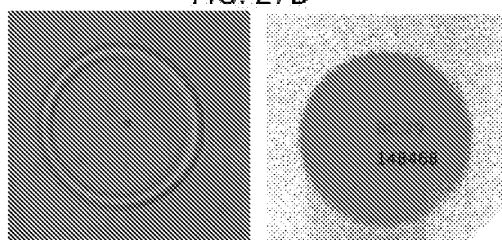


FIG. 27D



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FIG. 28A

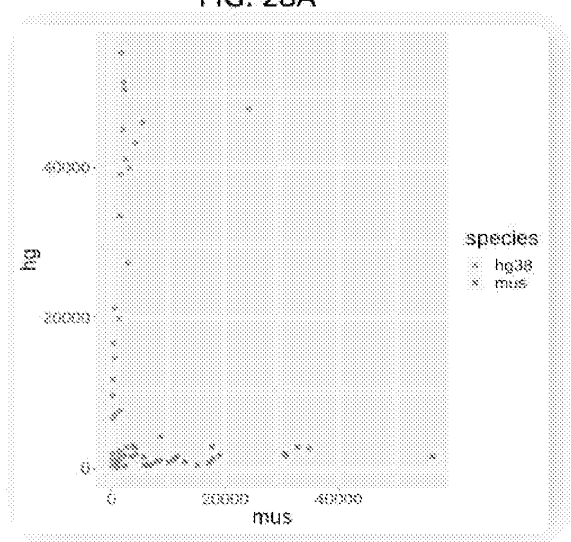
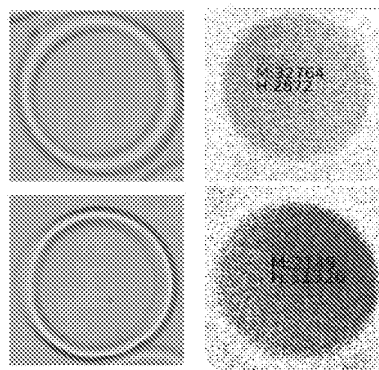


FIG. 28B



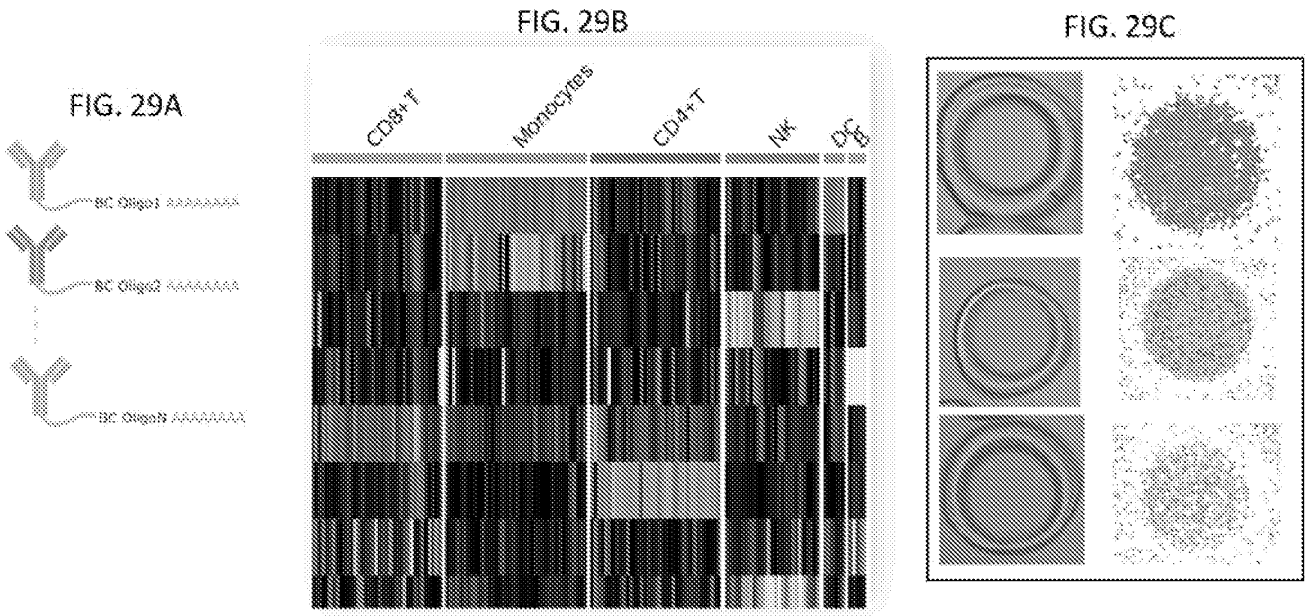


FIG. 30A

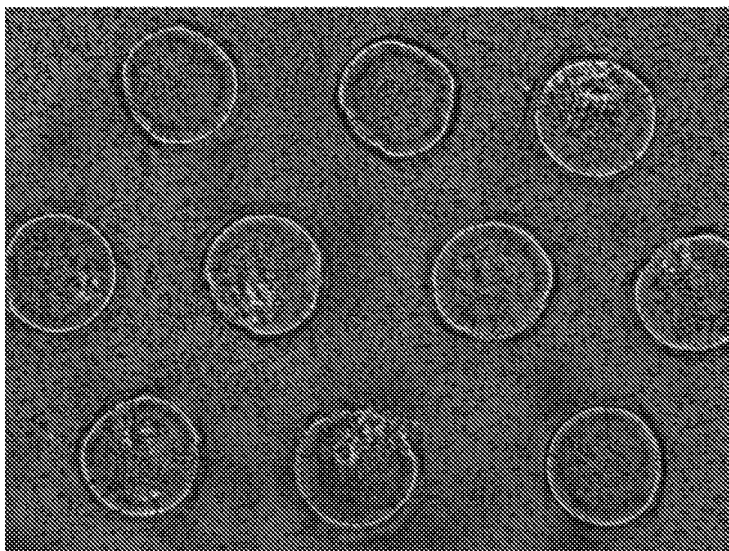
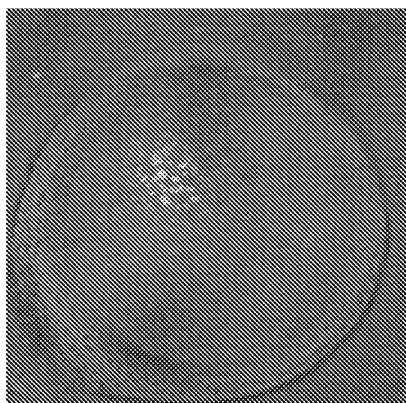
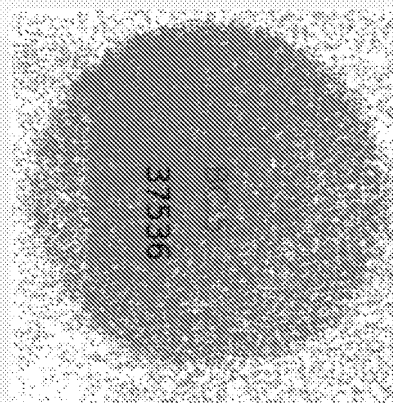


FIG. 30B



Surface Proteins

FIG. 30C



RNA Transcripts

FIG. 31A

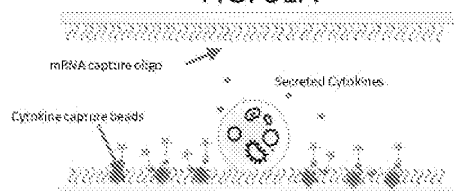
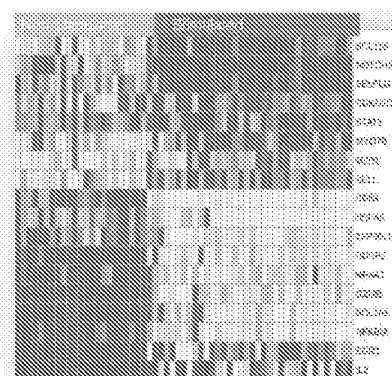
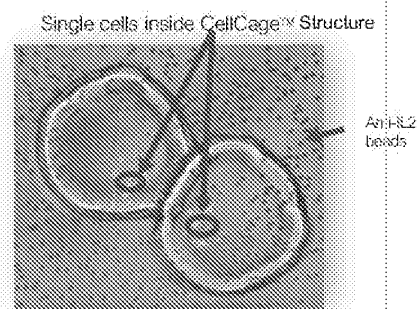


FIG. 31B



Single Cell Gene Expression Analysis after PMA/Ionomycin activation of Jurkat T cells

FIG. 31C



Fluorescent Signal from IL2 captured on
Anti-IL2 beads & fluorescent labelled IL2 Ab

FIG. 32

