

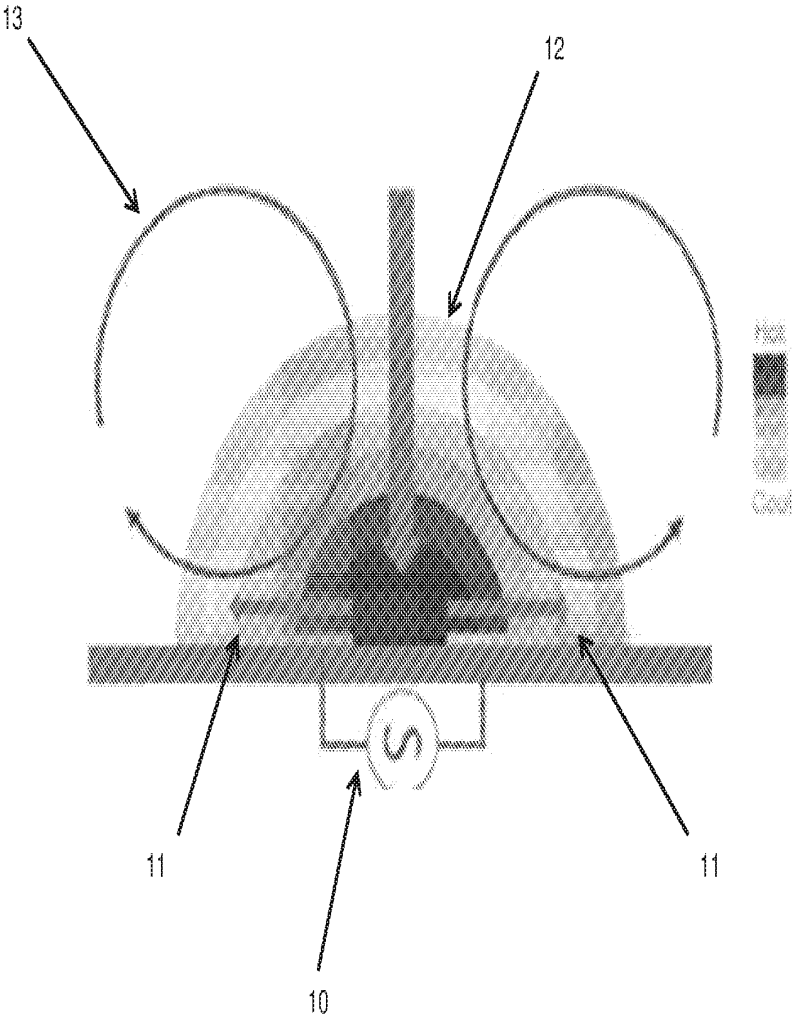


FIG. 1

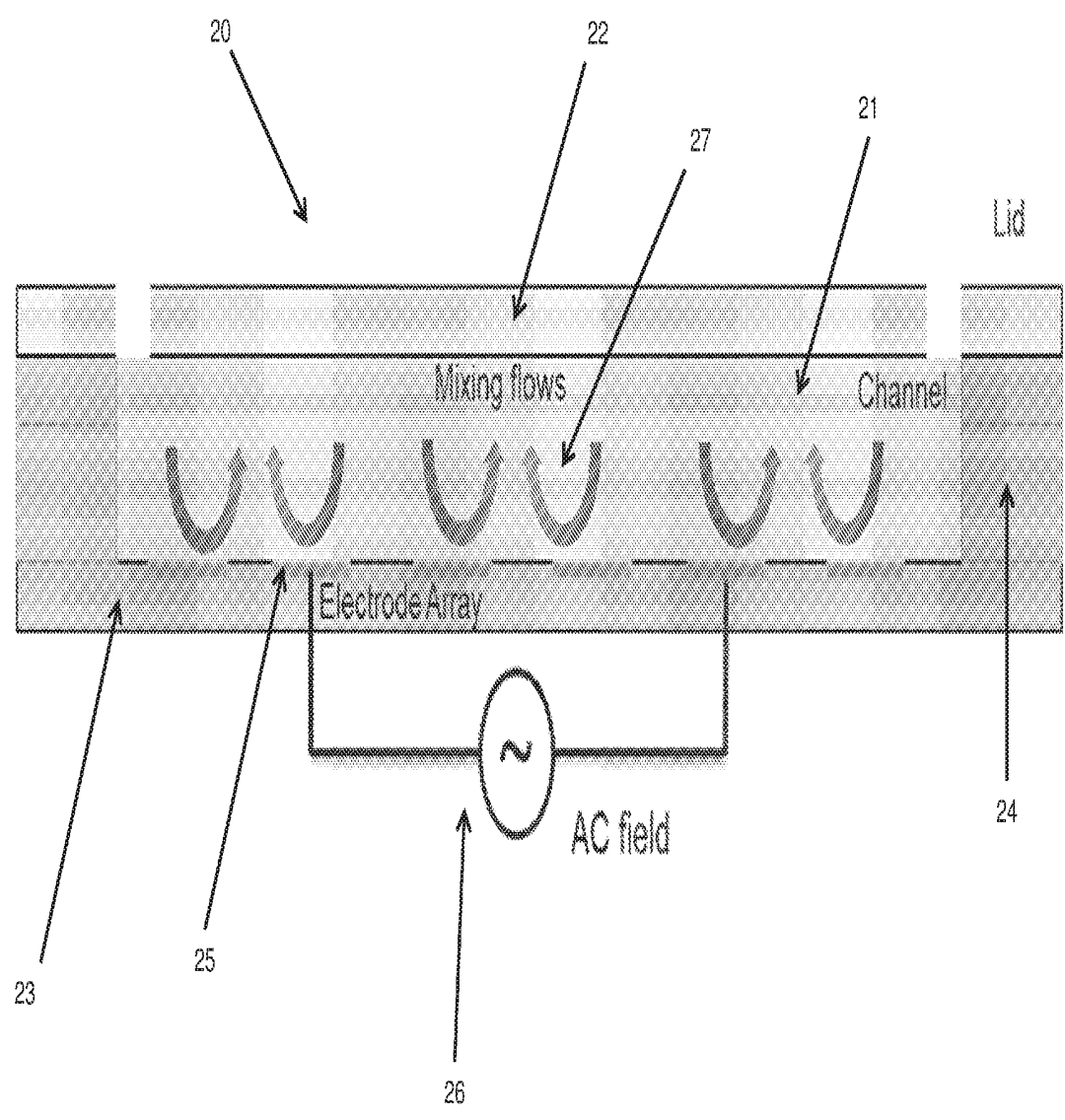


FIG. 2

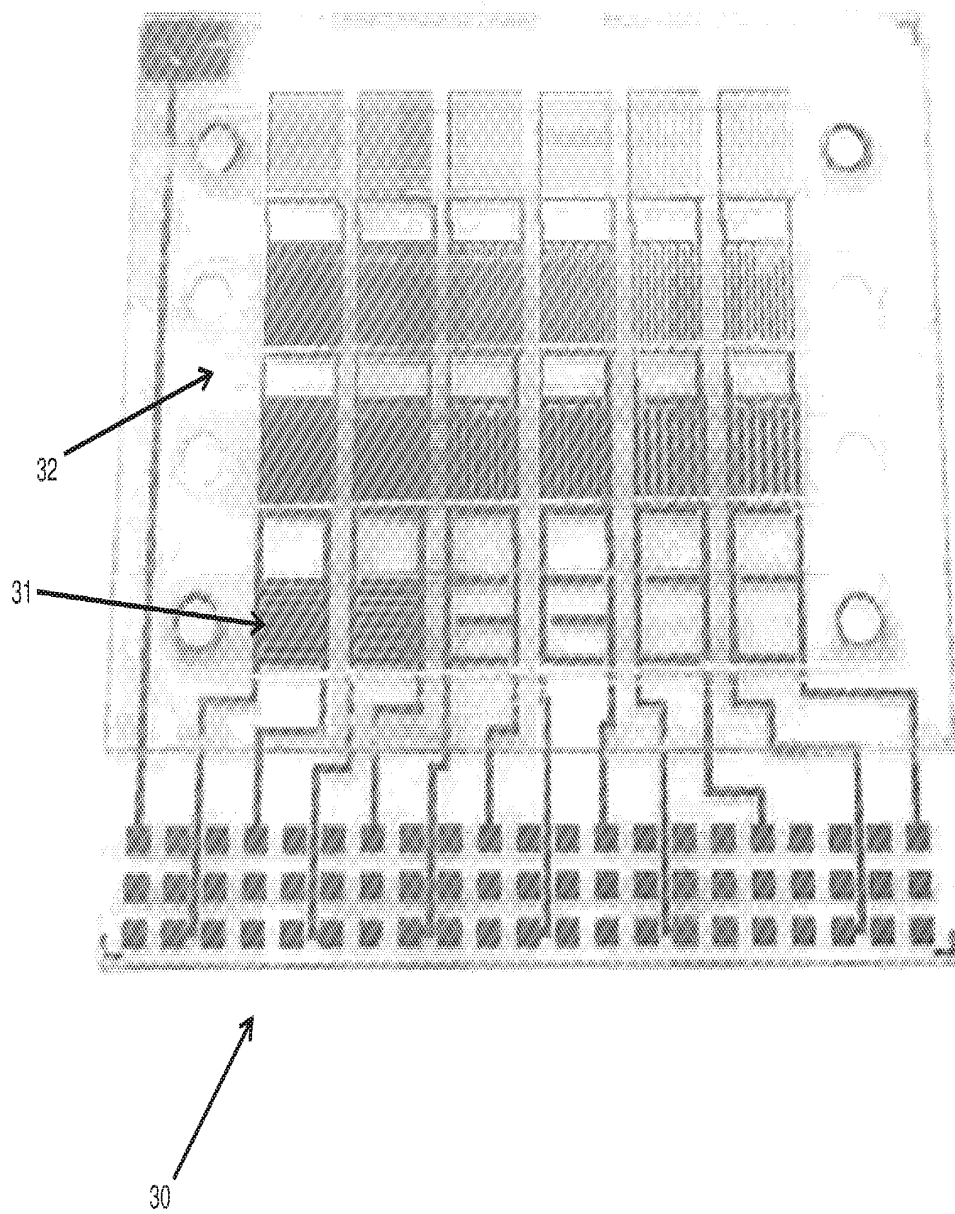


FIG. 3

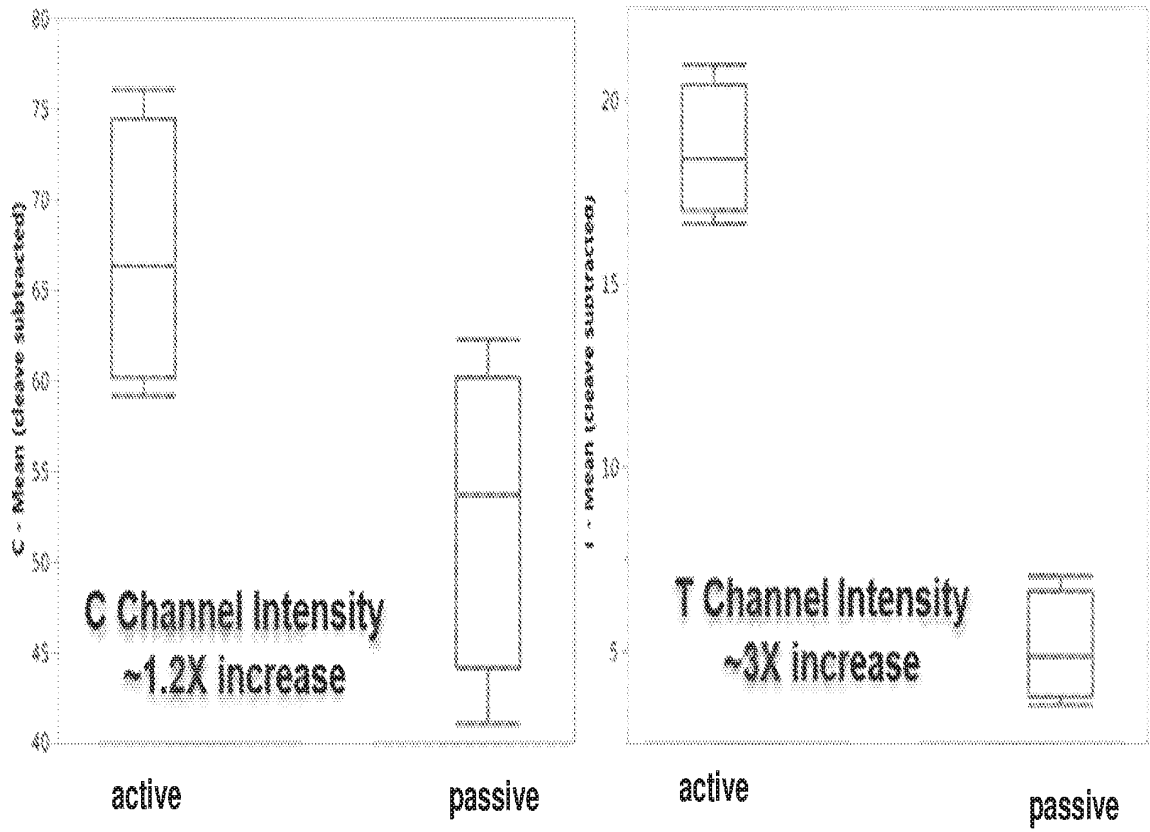


FIG. 4

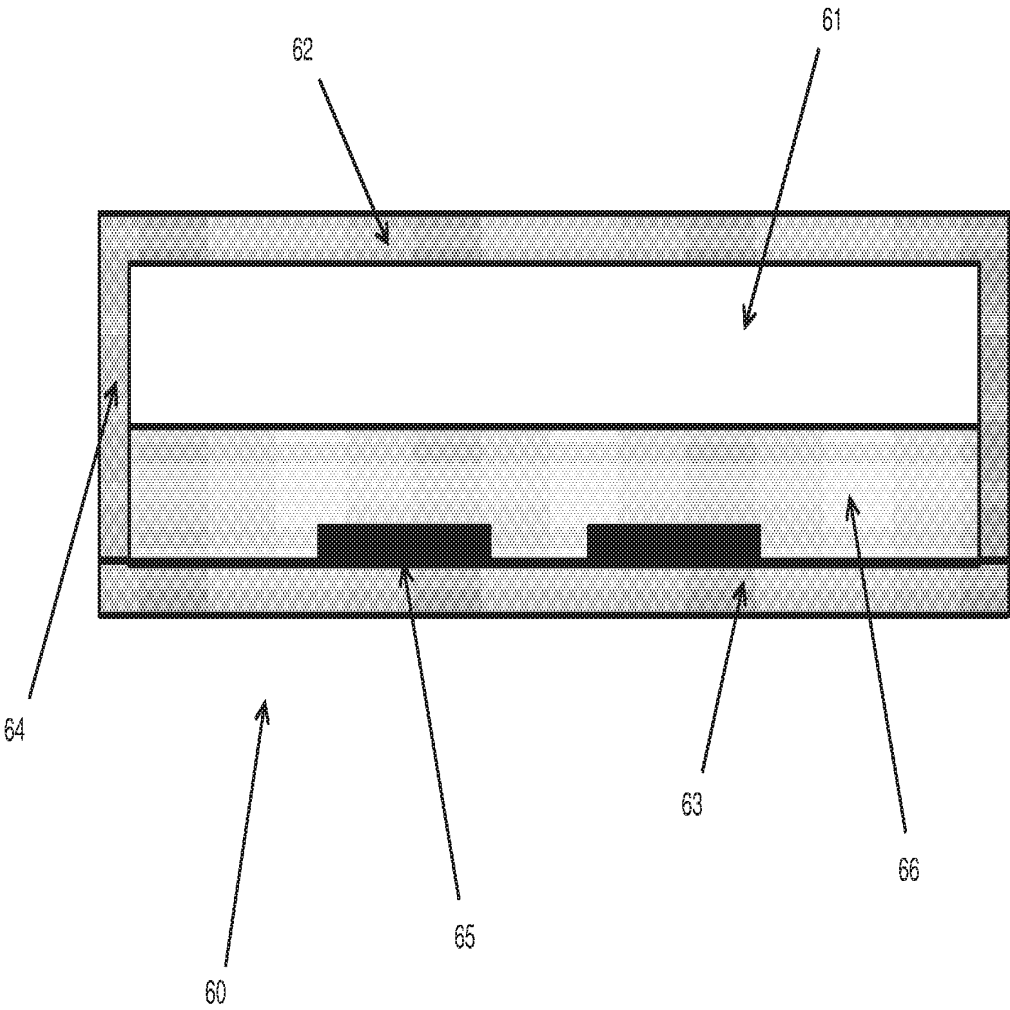


FIG. 5

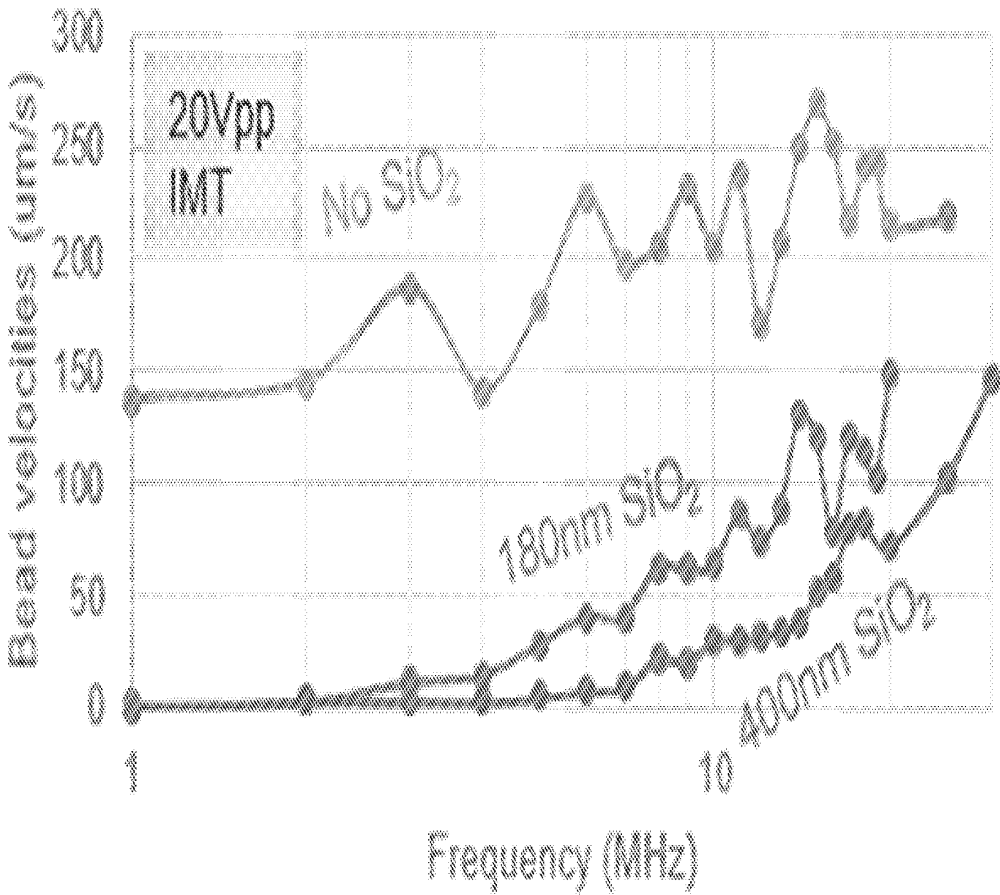


FIG. 6

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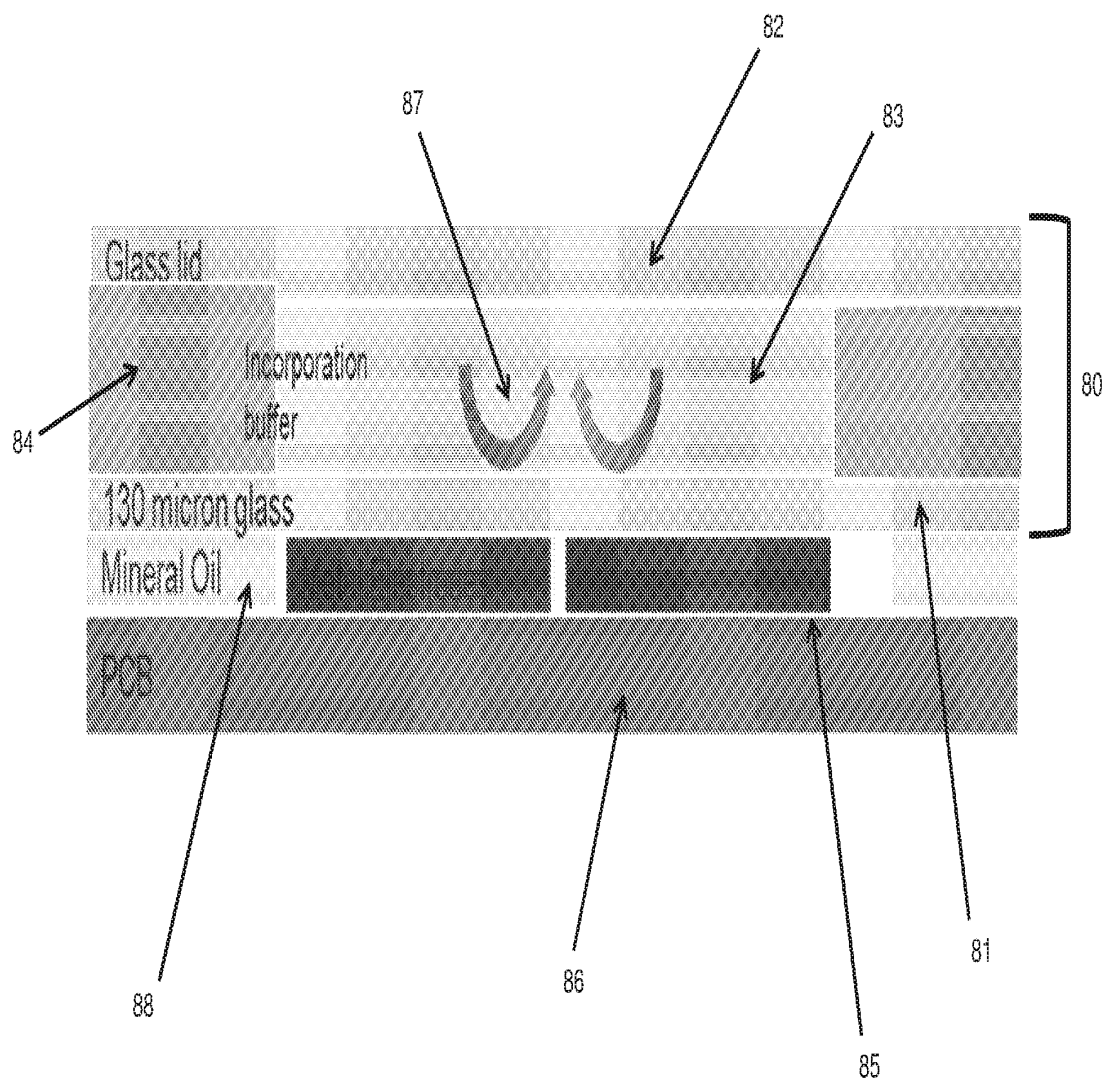


FIG. 7

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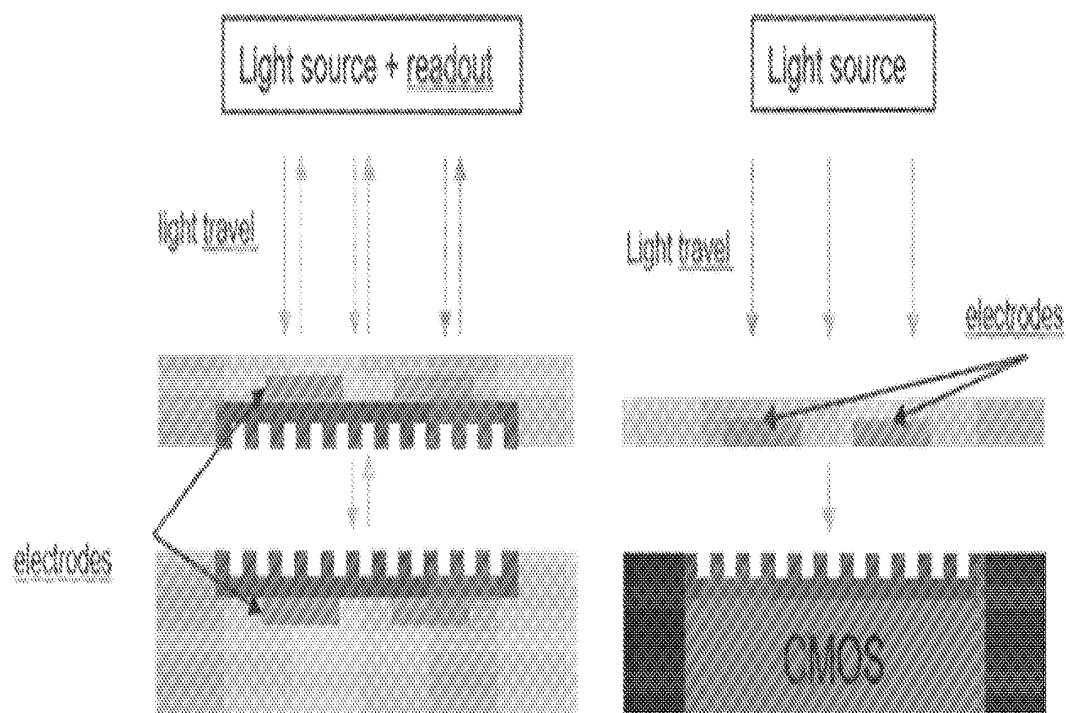


FIG. 8A

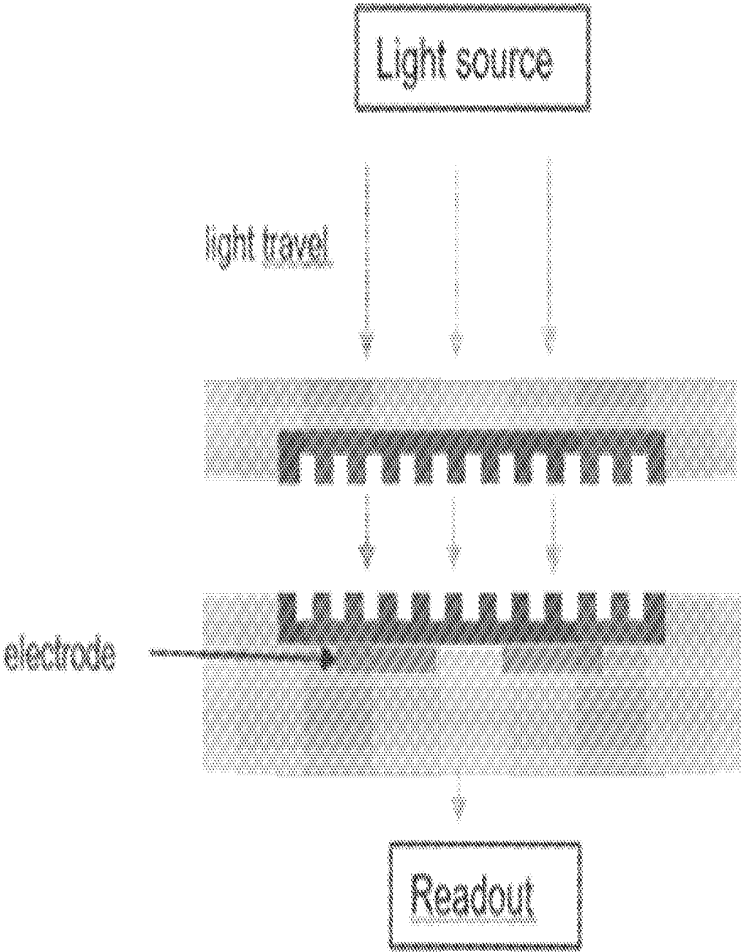
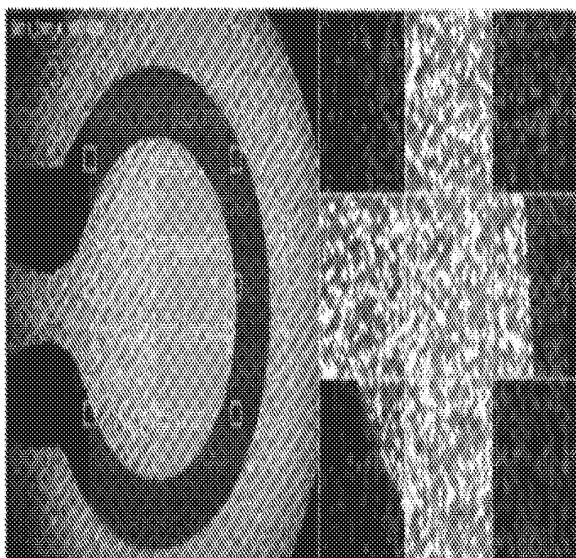


FIG. 8B

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With electrode



Without electrode

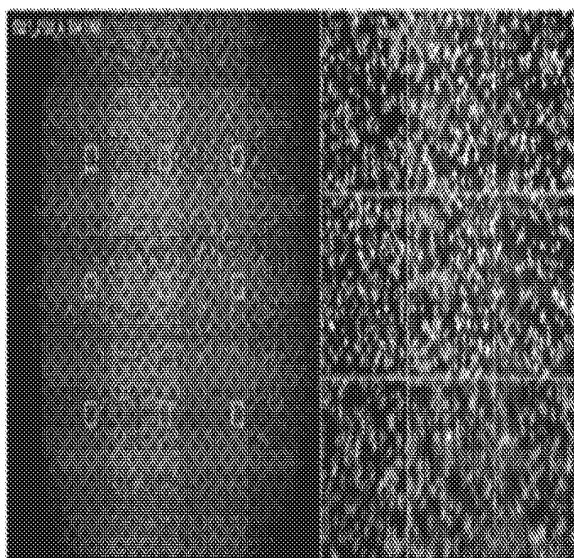


FIG. 8C

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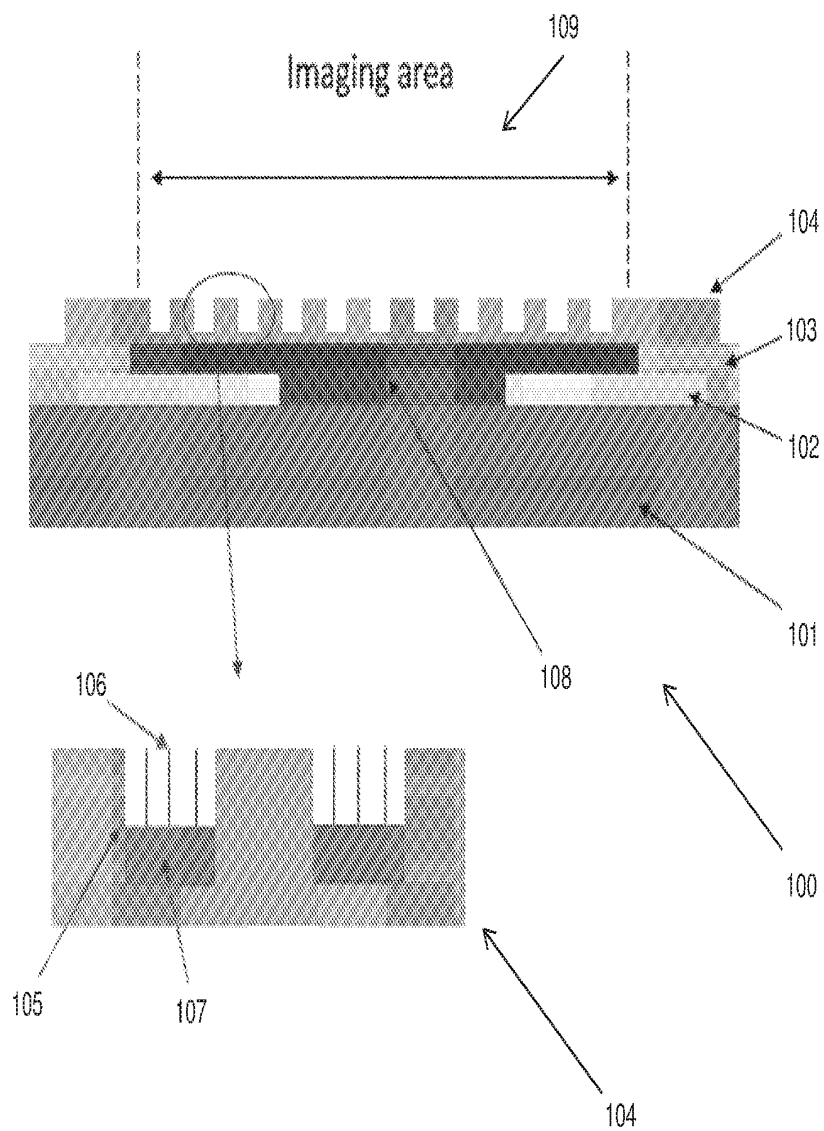


FIG. 9

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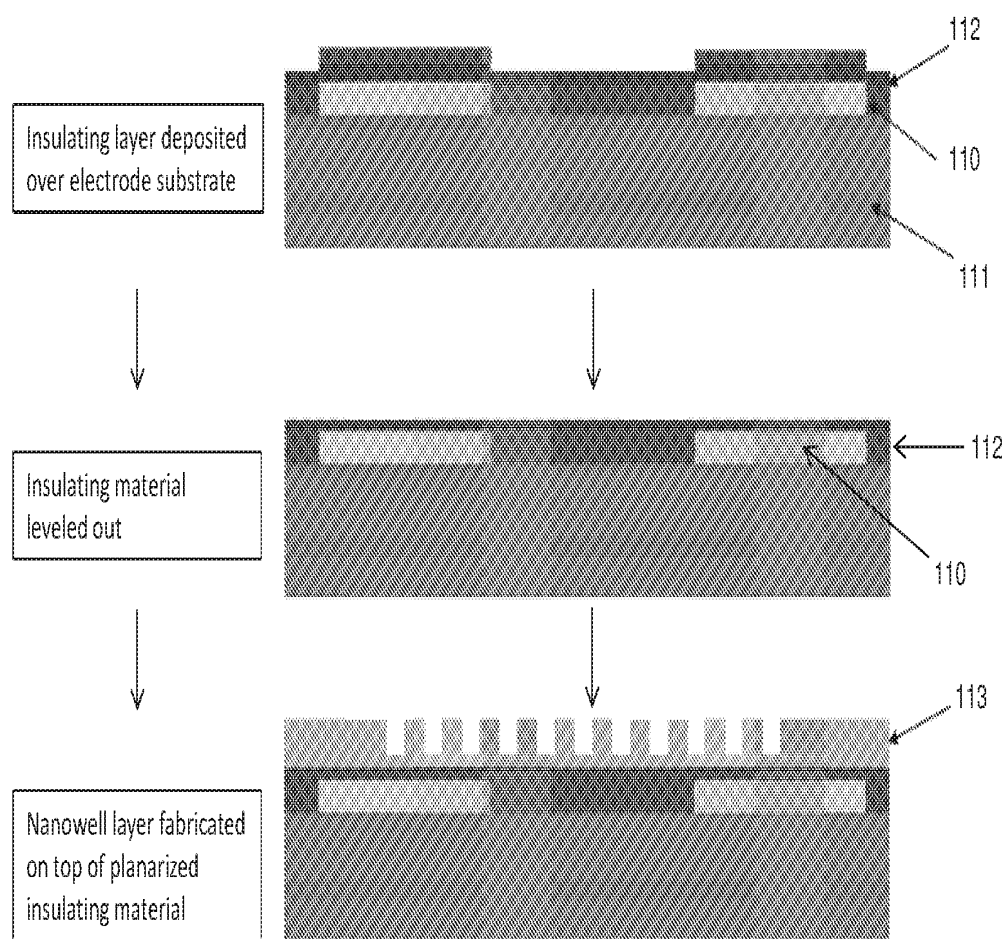


FIG. 10

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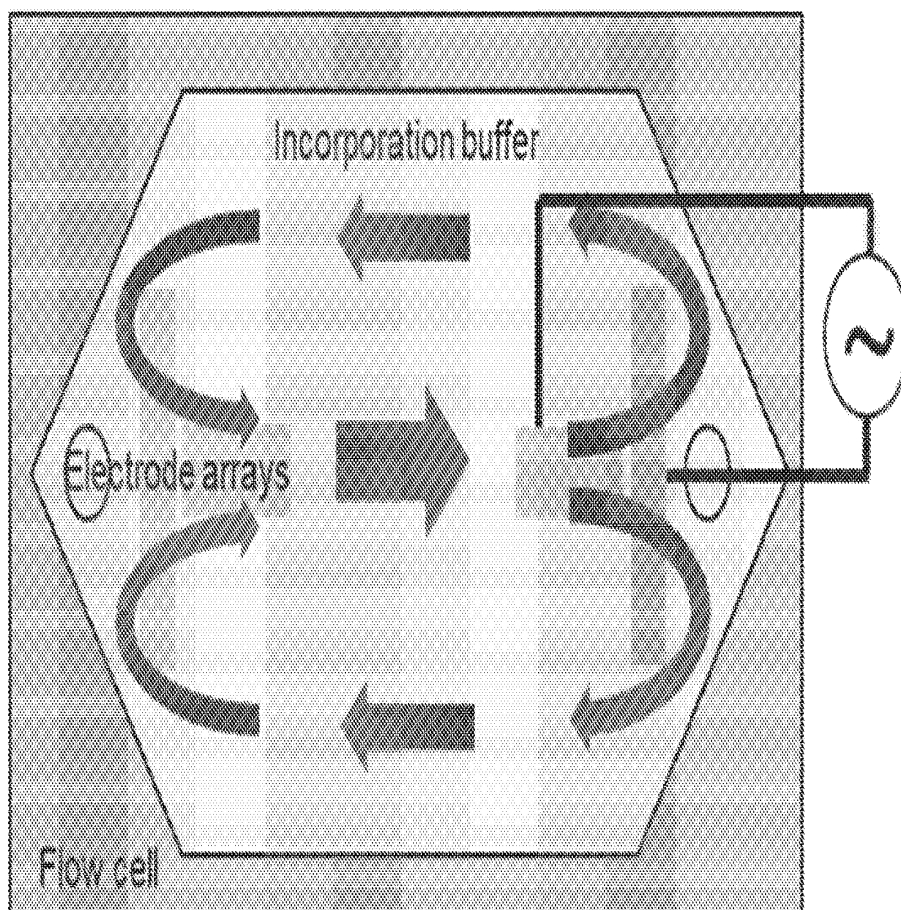


FIG. 11A

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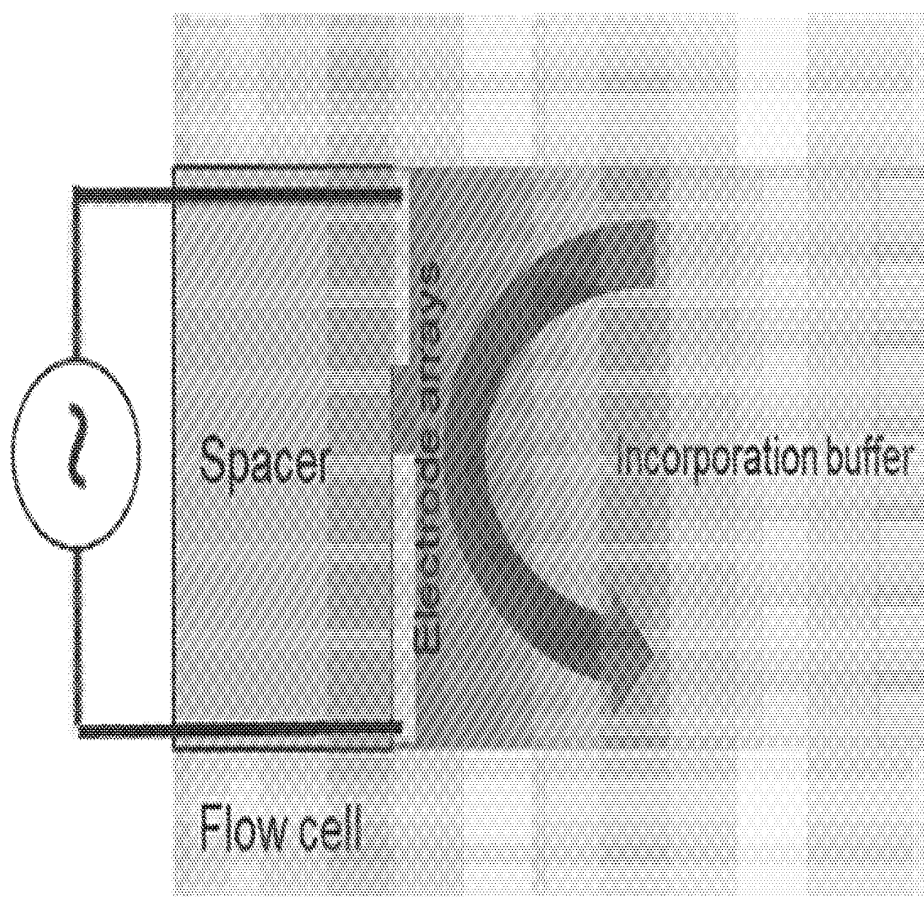


FIG. 11B

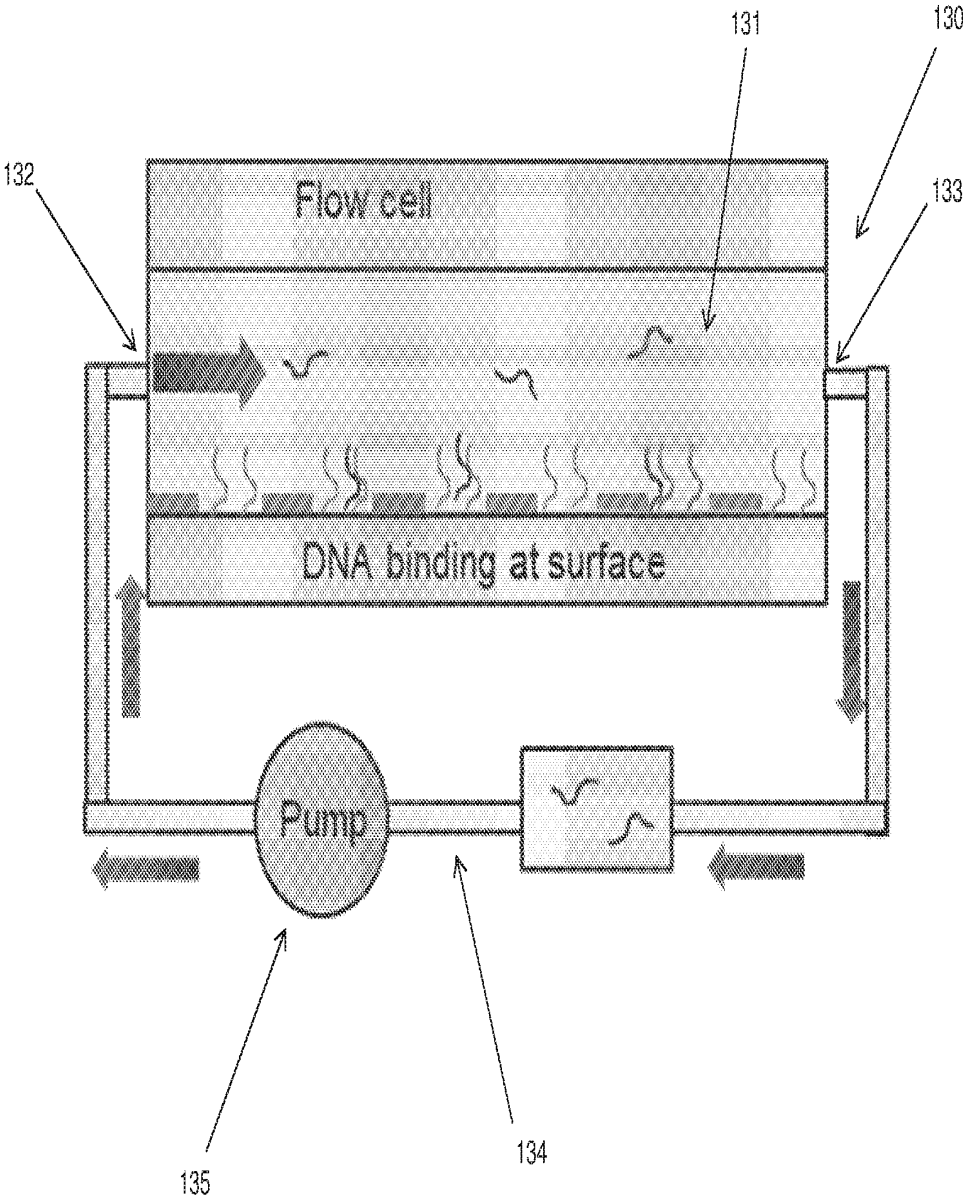


FIG. 12A

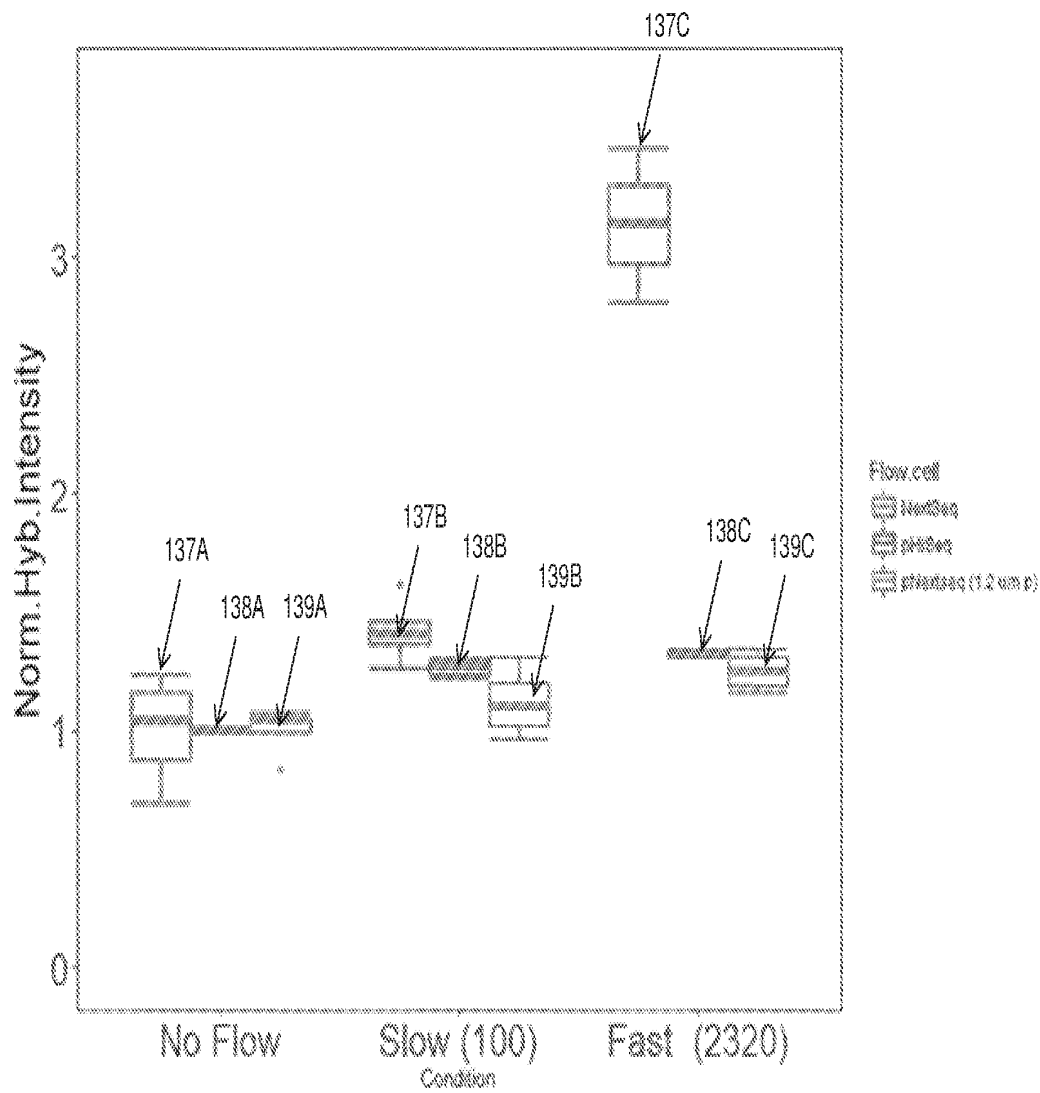


FIG. 12B

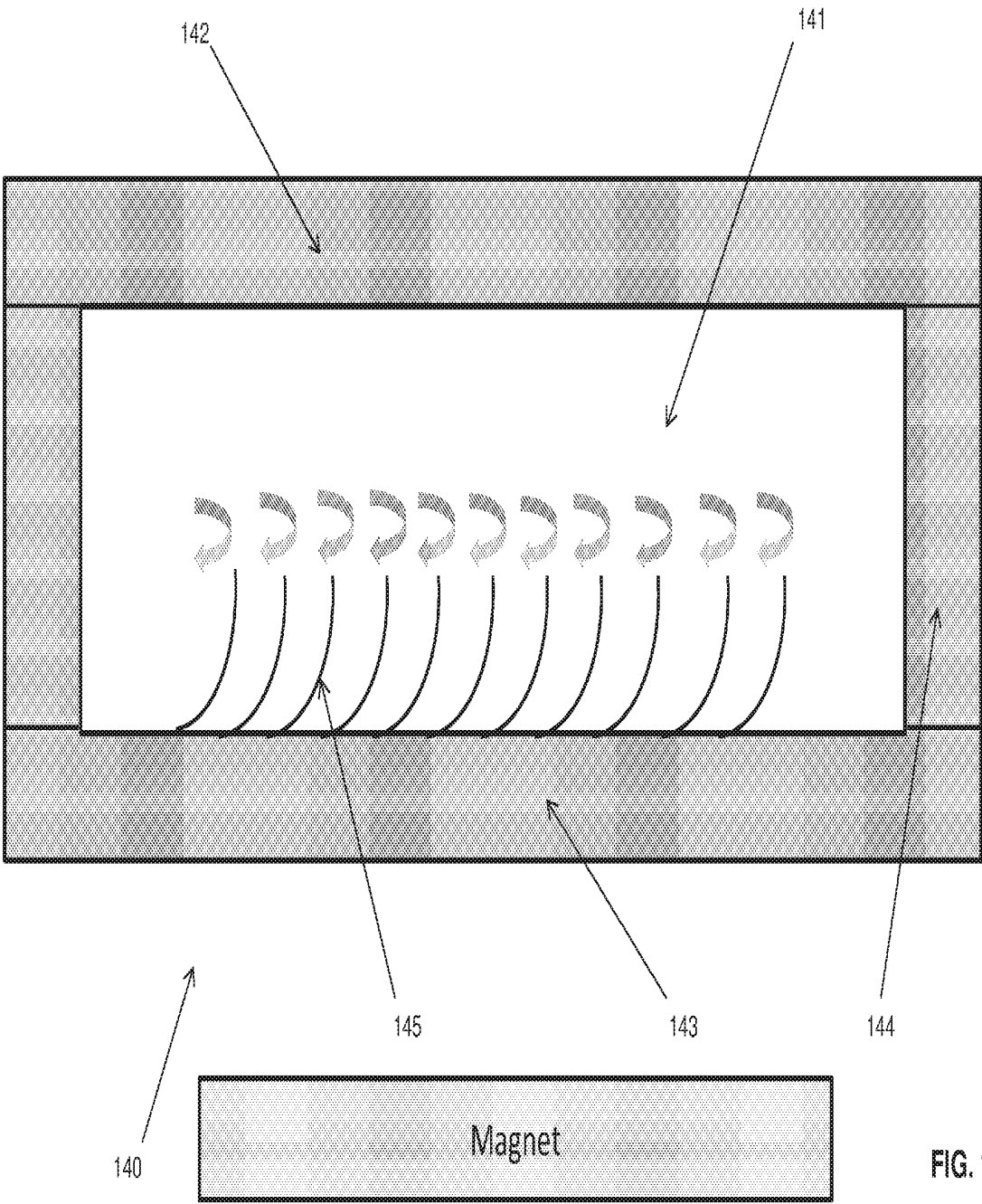


FIG. 13

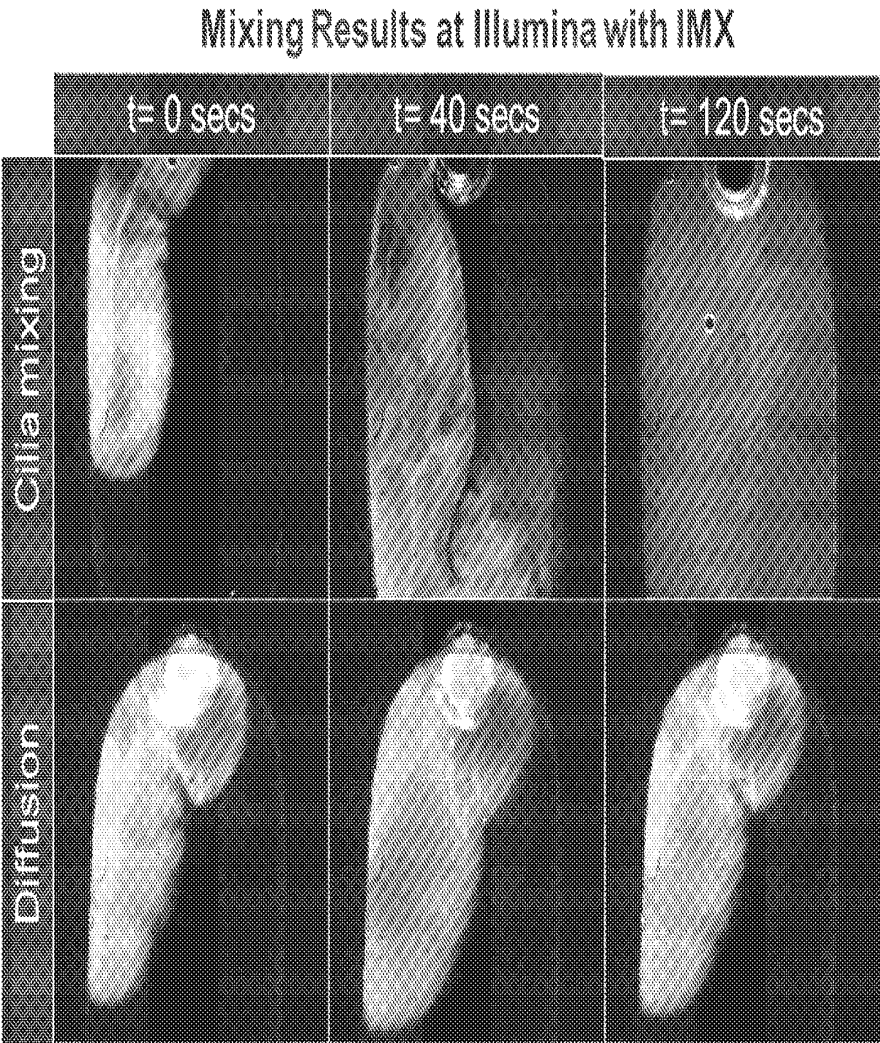


FIG. 14

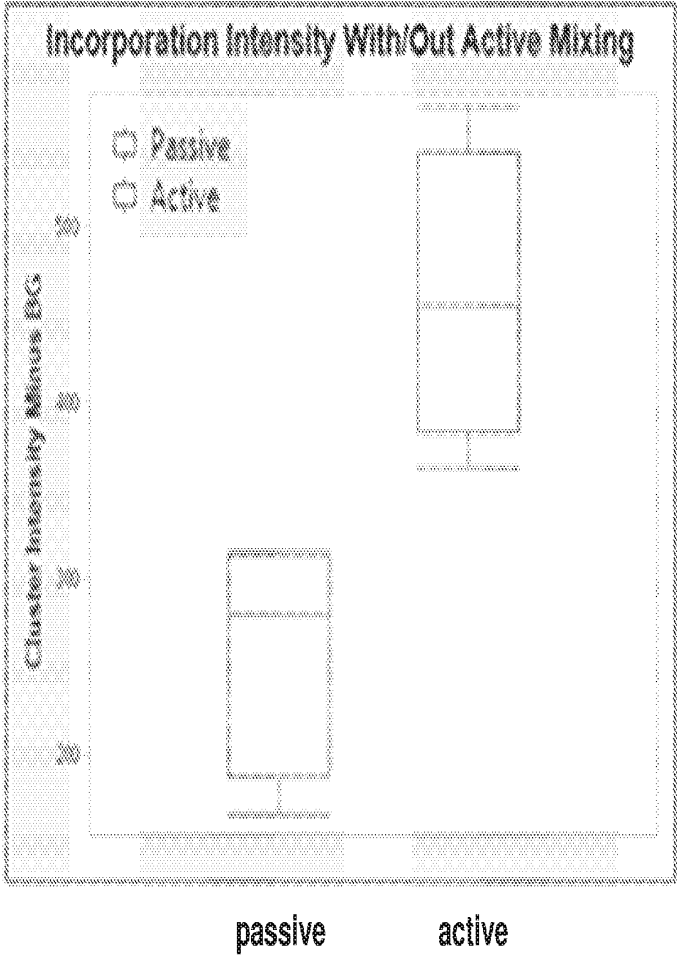


FIG. 15

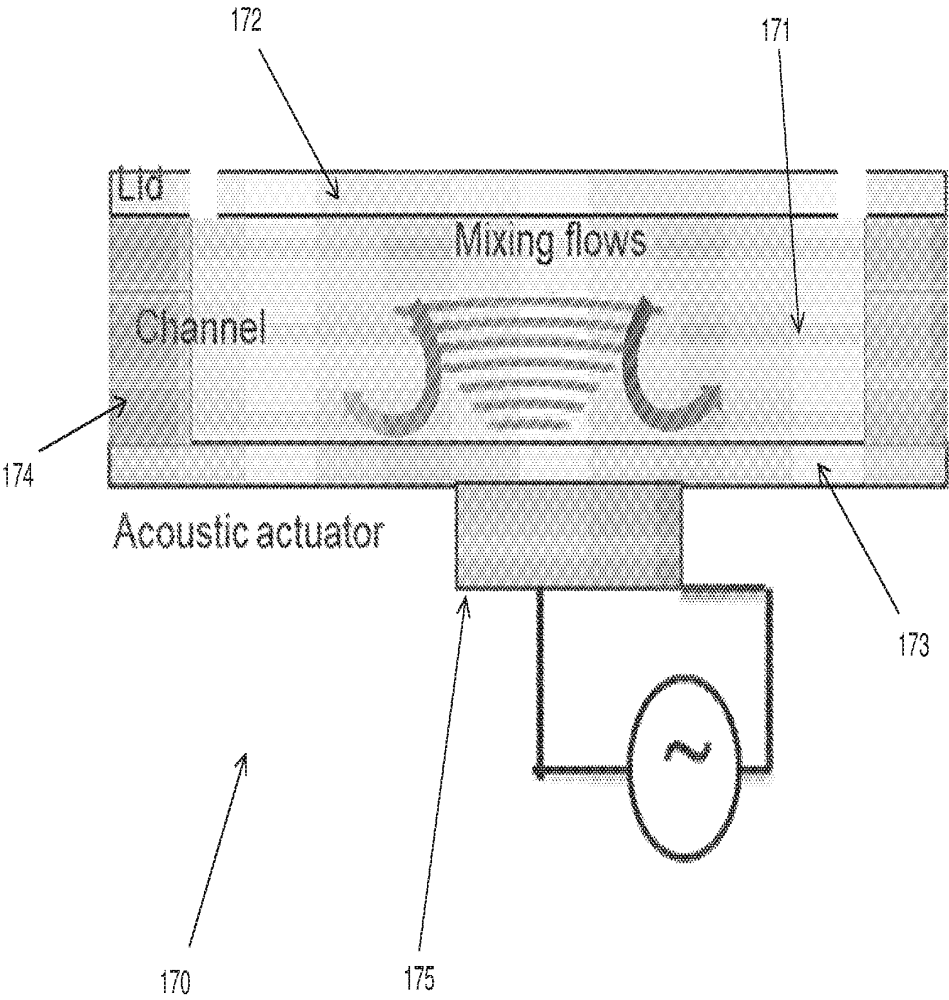


FIG. 16

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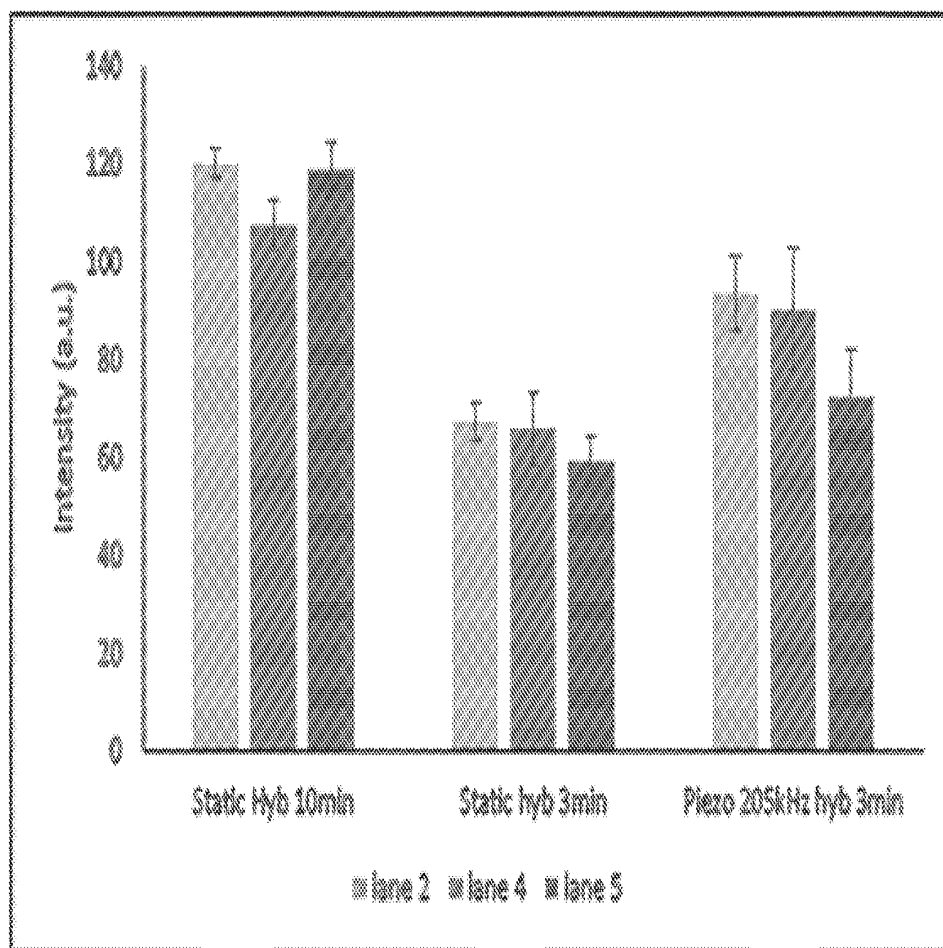


FIG. 17

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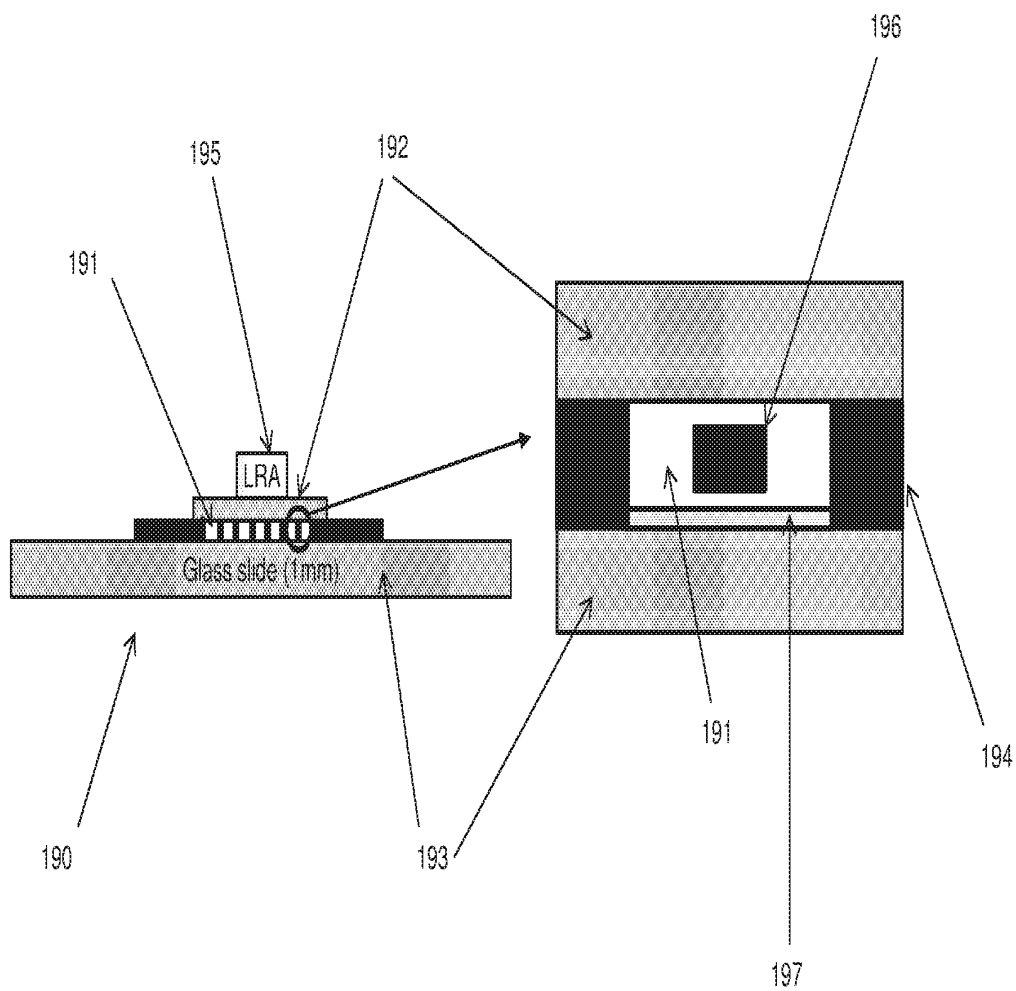


FIG. 18A

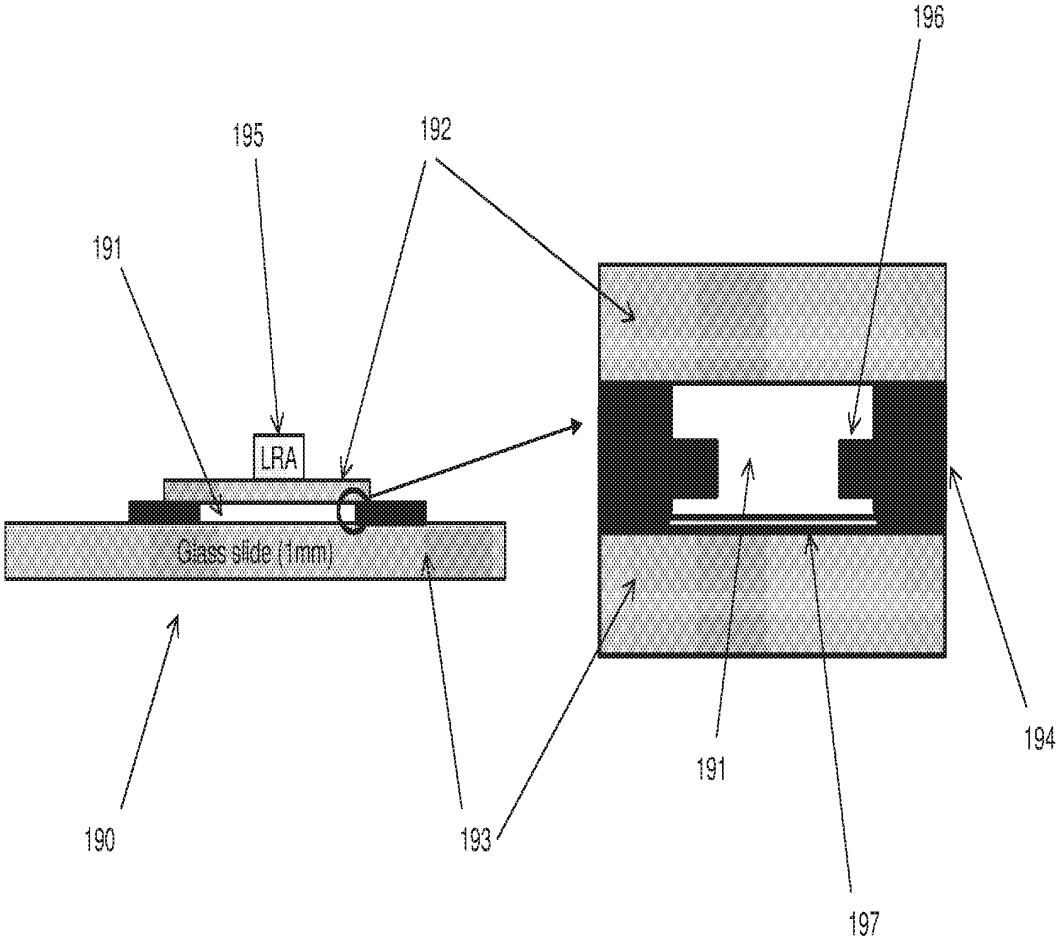


FIG. 18B

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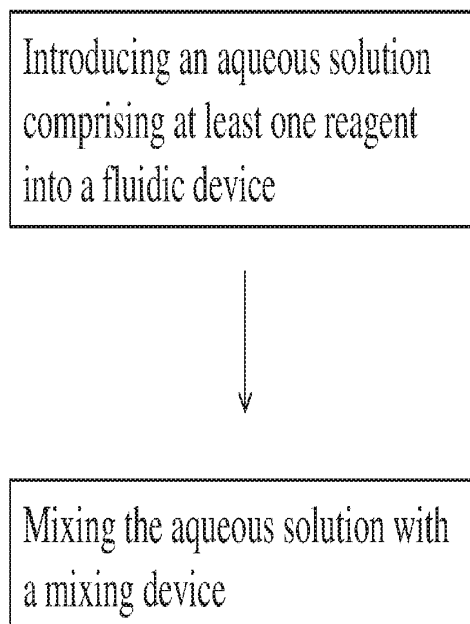


FIG. 19

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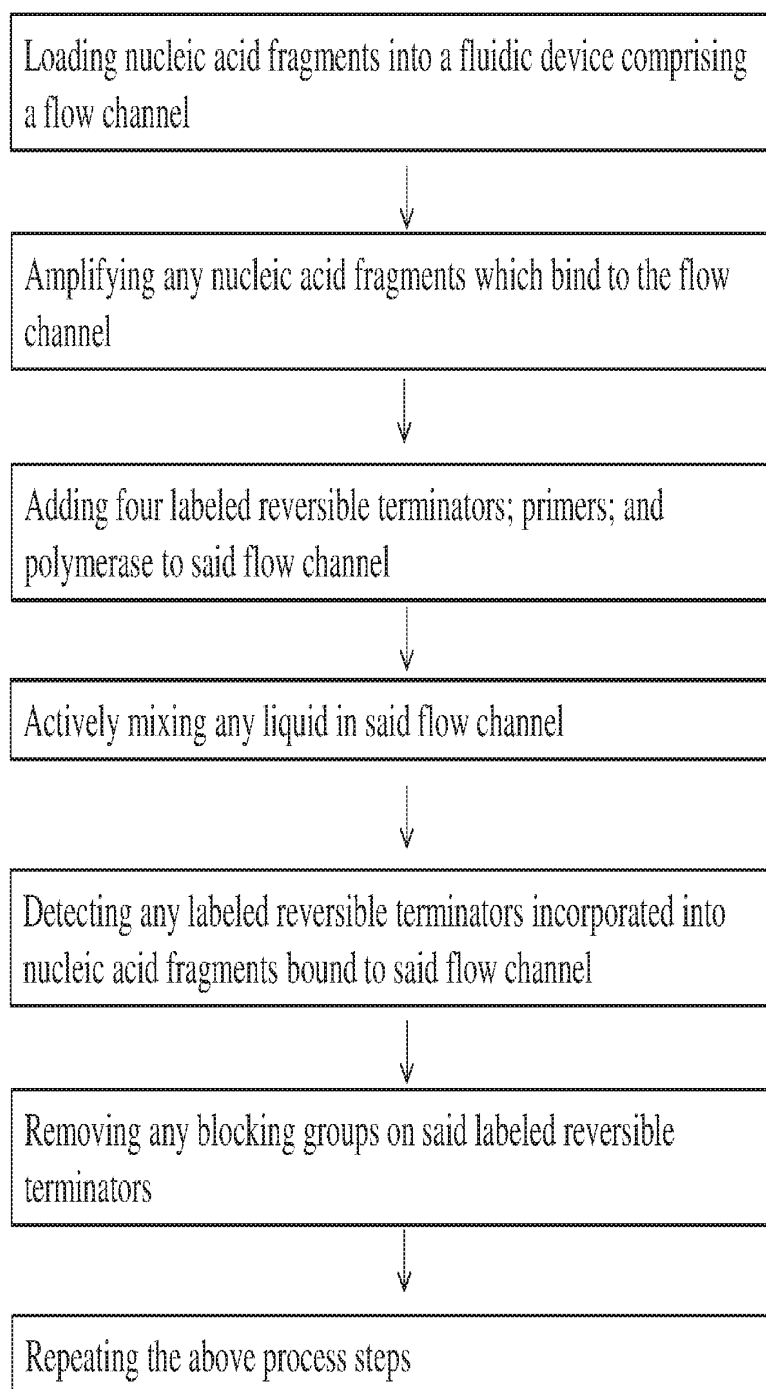
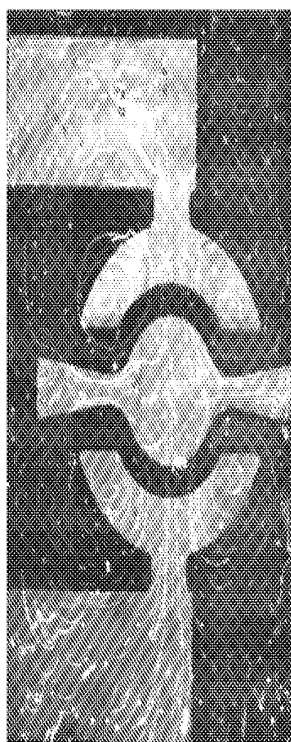


FIG. 20

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100 um vs 200 um channel height

100um channel height



20Vpp, 20MHz
Incorporation buffer
30s integration time

200um channel height



20Vpp, 20MHz
Incorporation buffer
30s integration time

Electrode width: 200um or 250um radius
Electrode gap: 100um

FIG. 21

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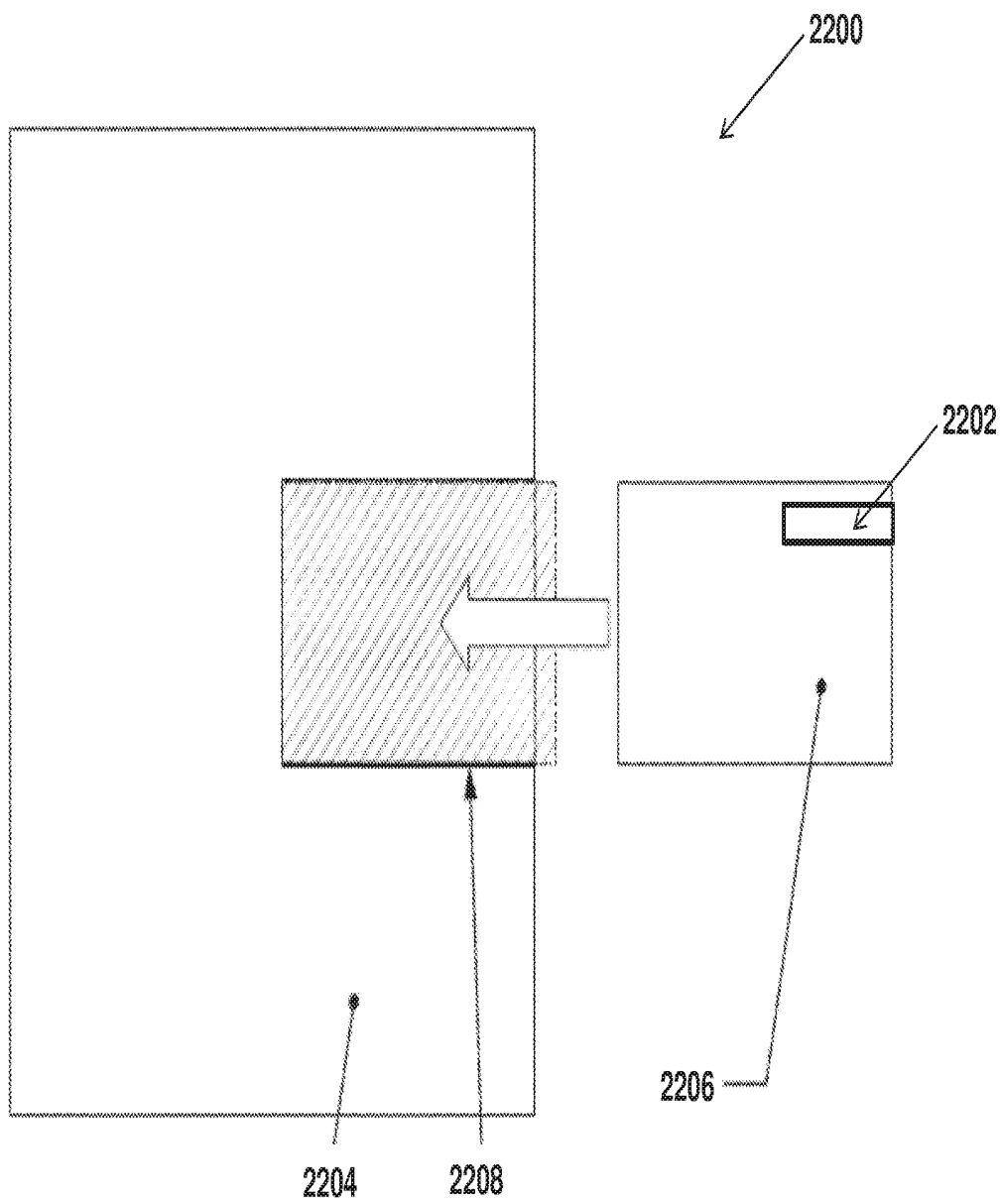


FIG. 22

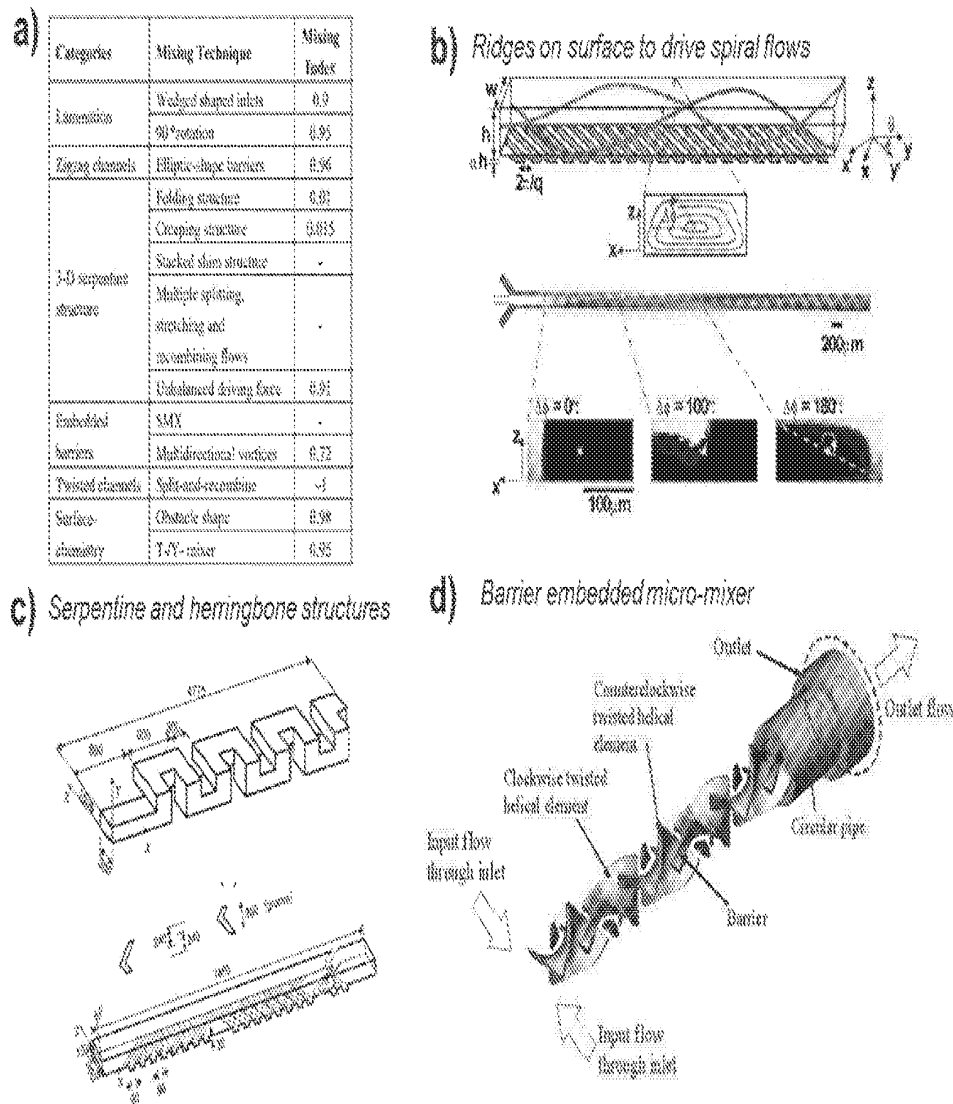


FIG. 23