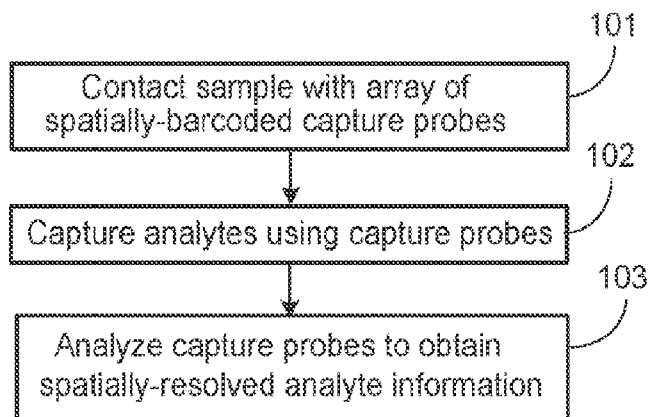
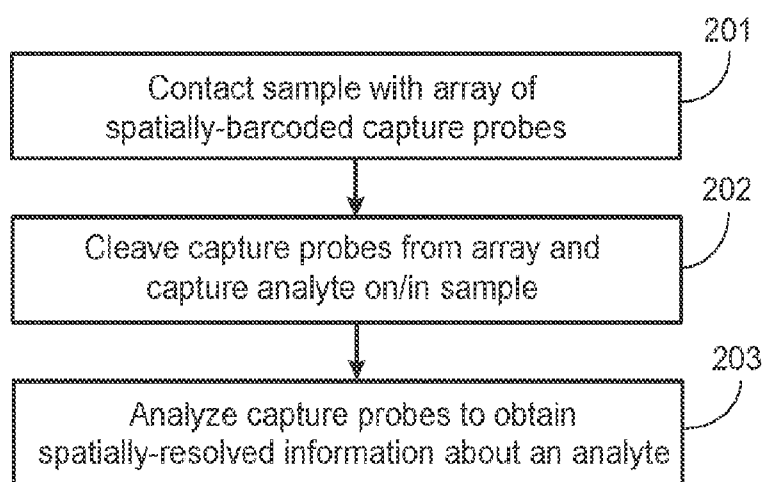


**FIG. 1****FIG. 2**

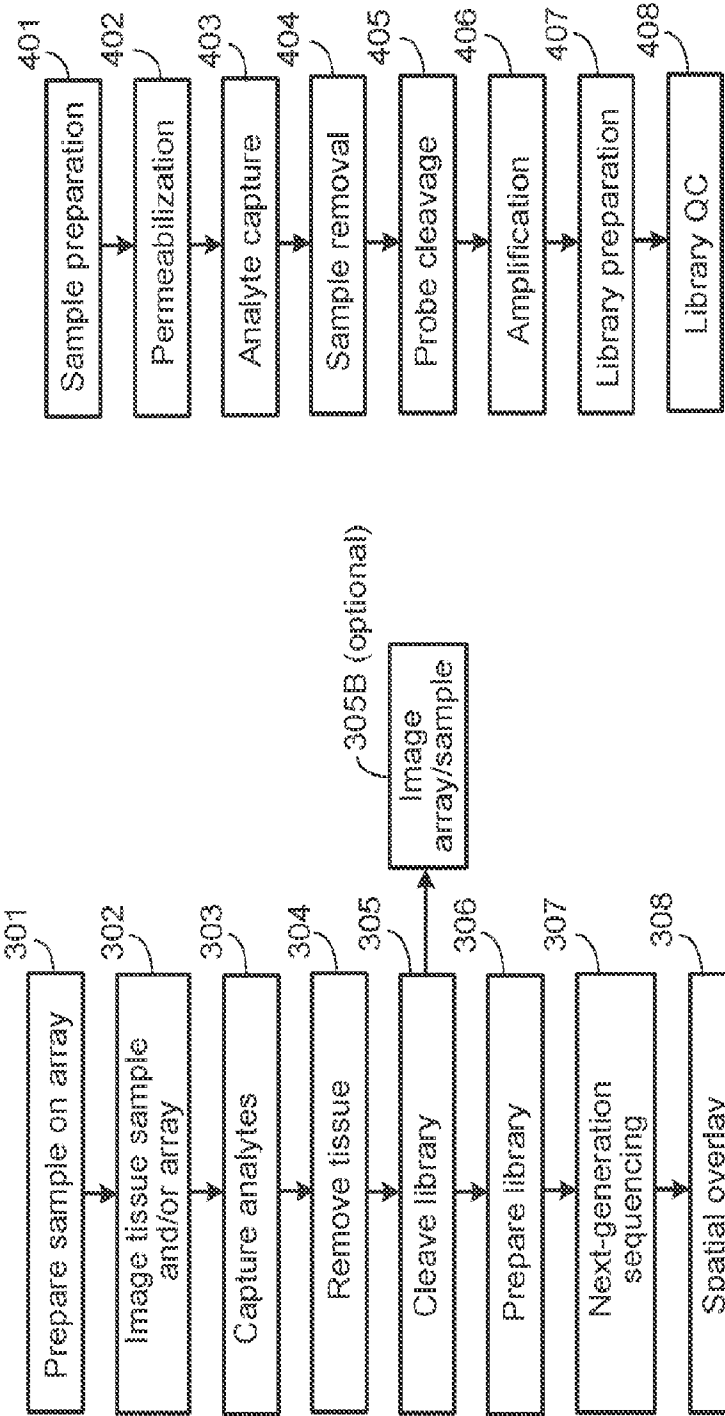
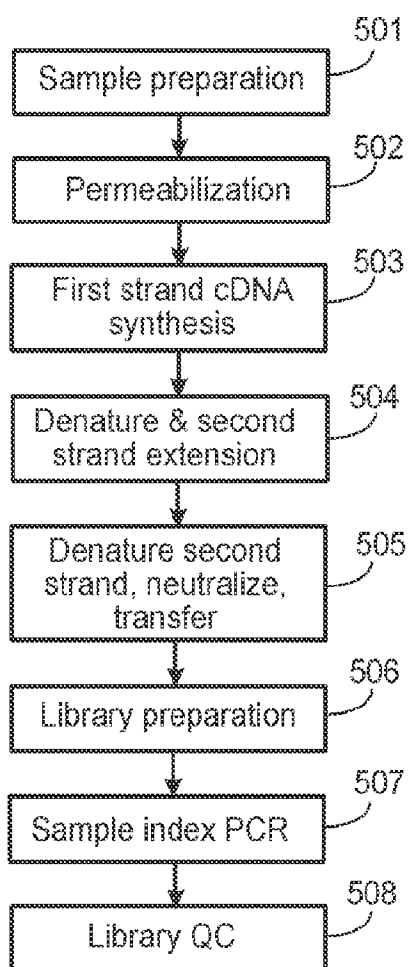


FIG. 3

FIG. 4

**FIG. 5**

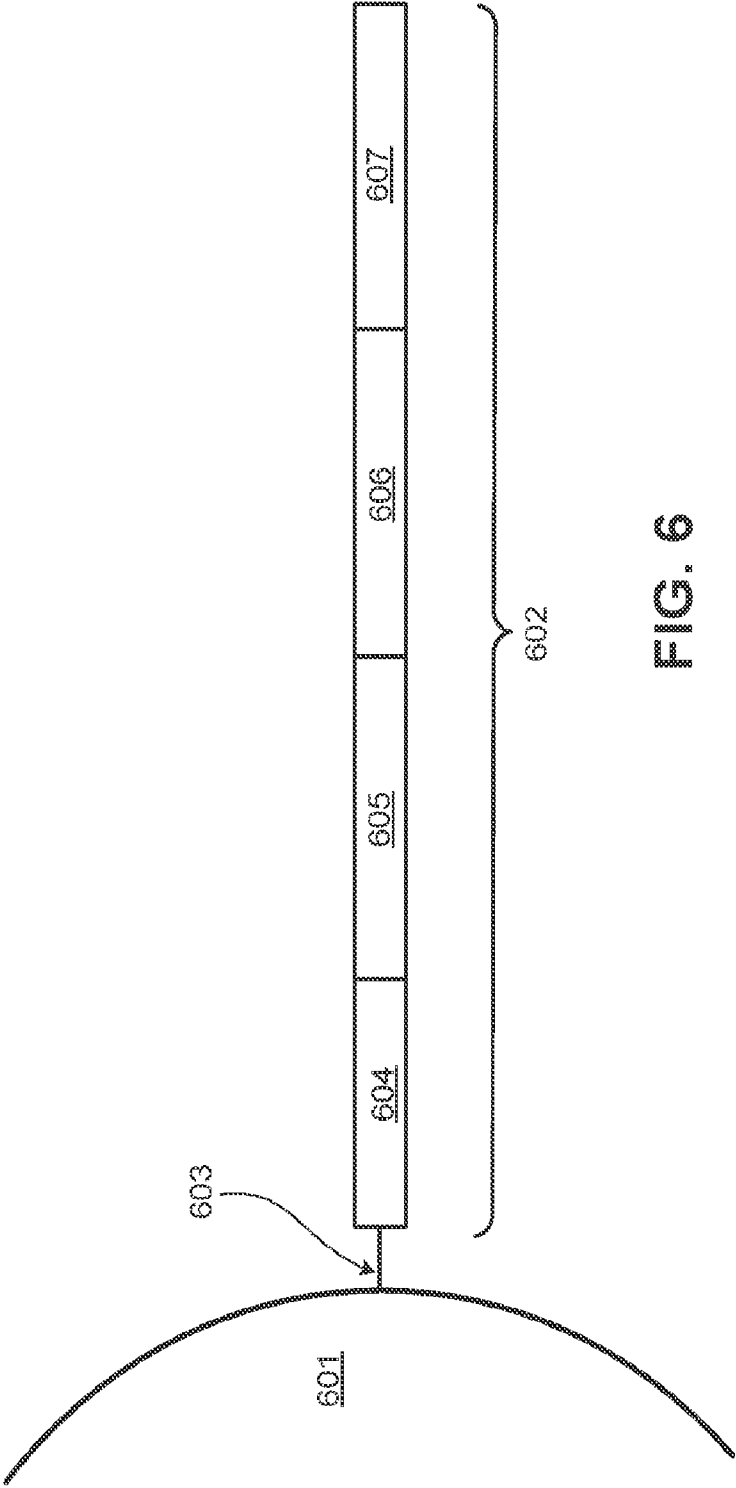


FIG. 6

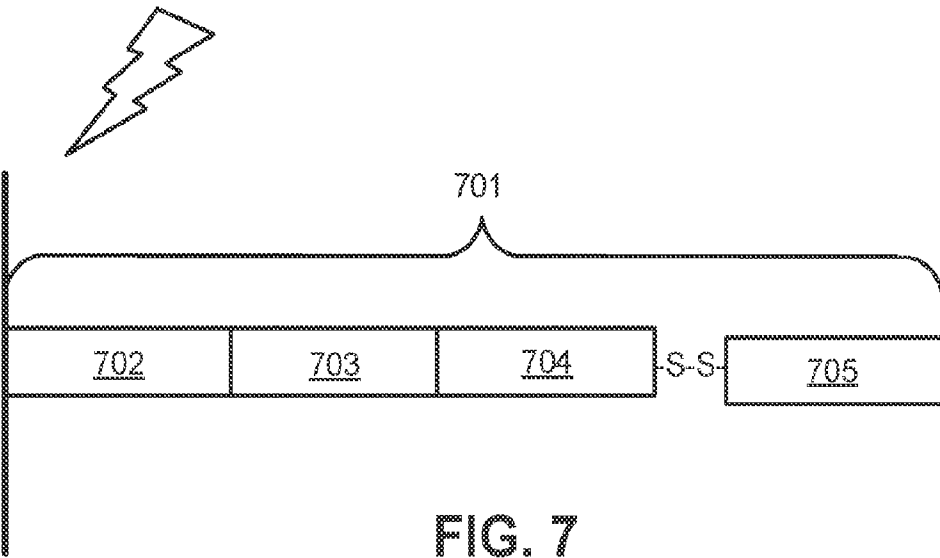


FIG. 7

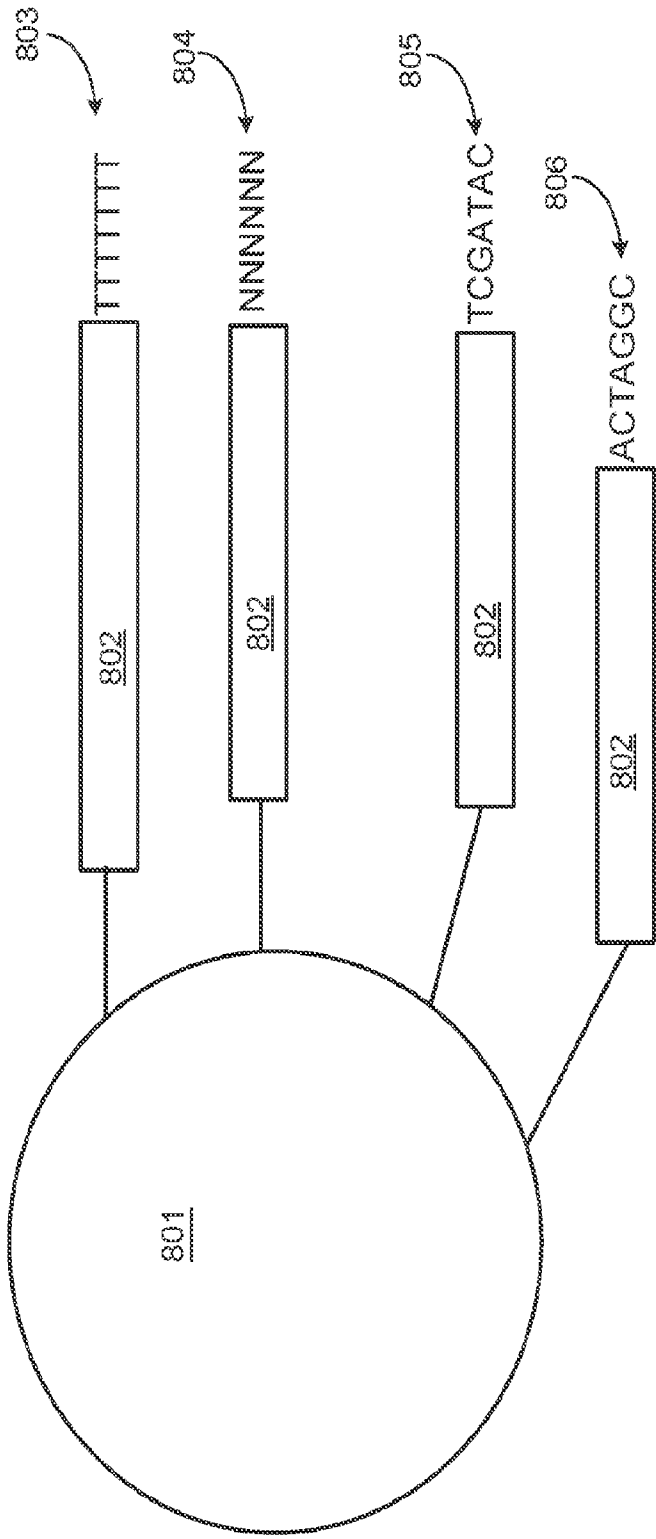
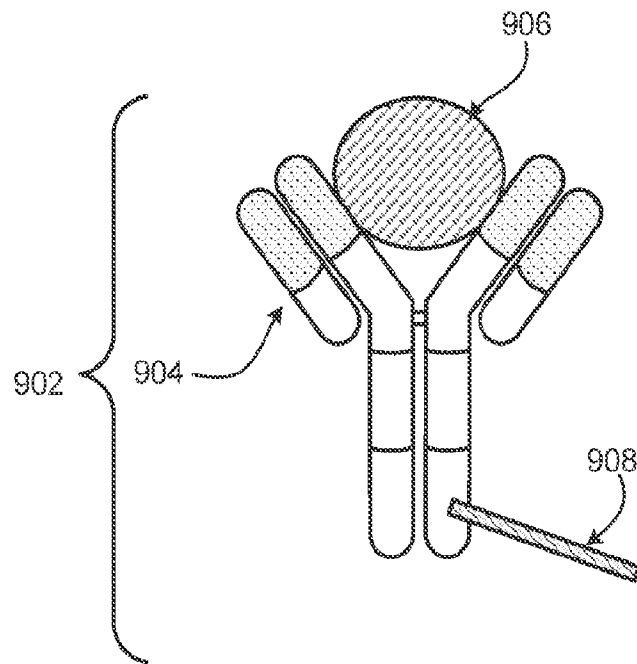


FIG. 8

**FIG. 9**

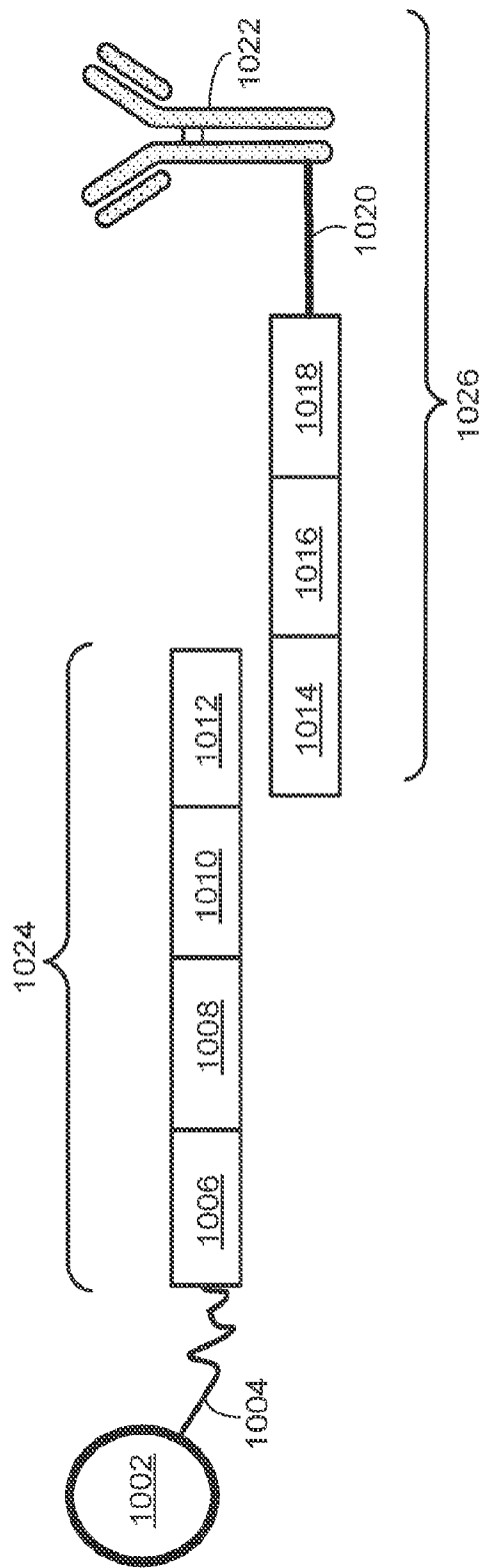


FIG. 10

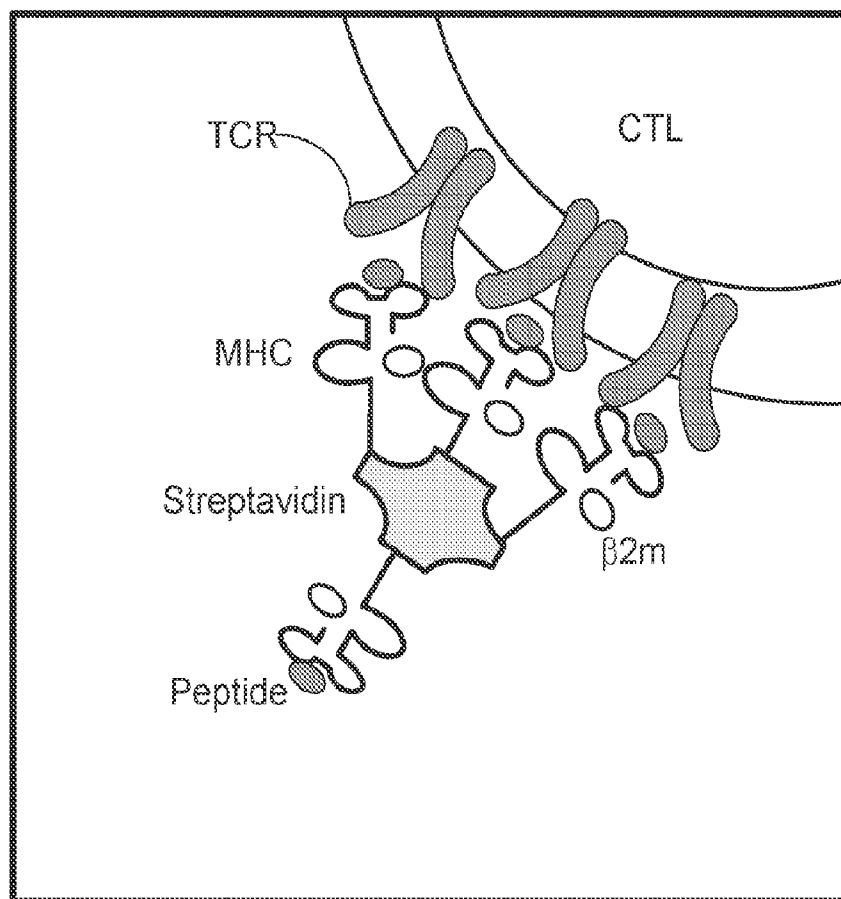


FIG. 11A

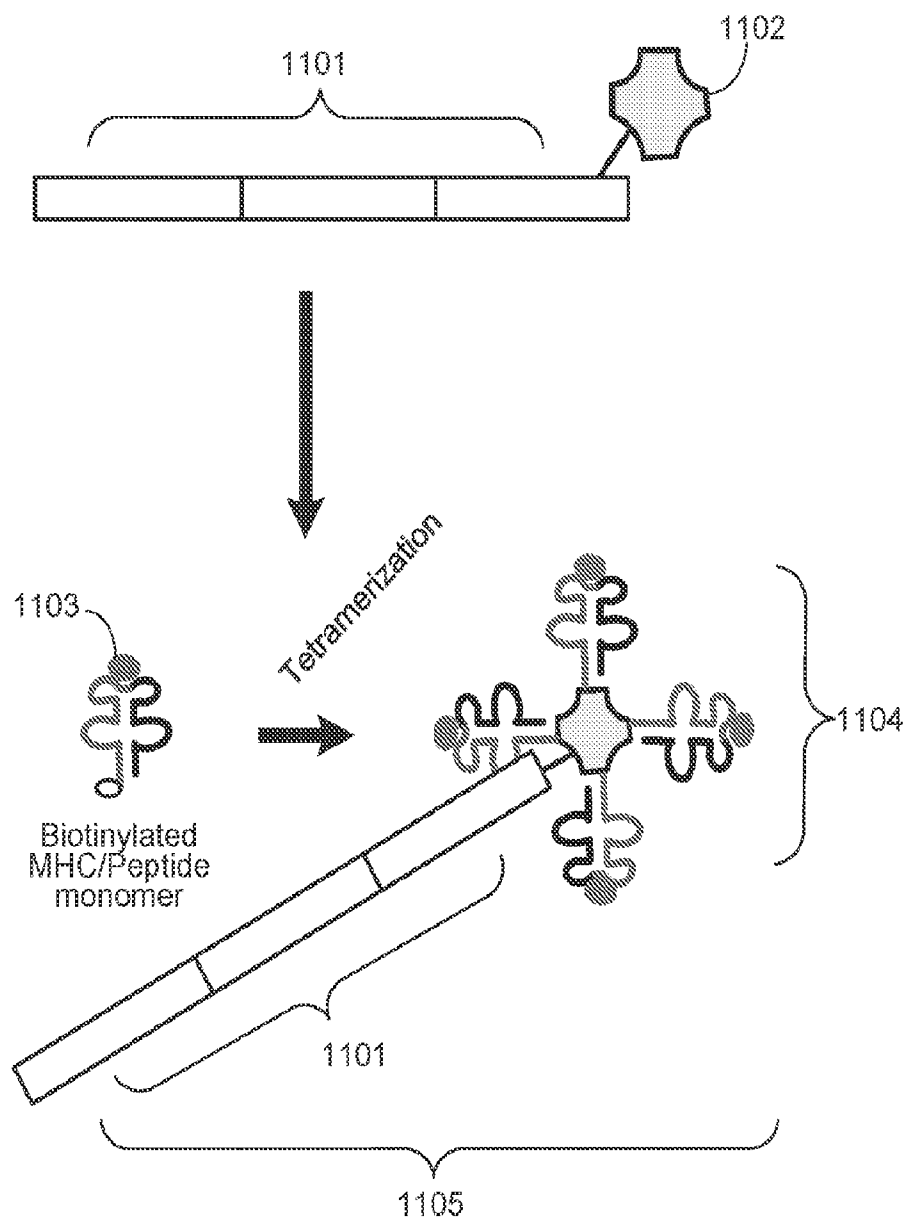


FIG. 11B

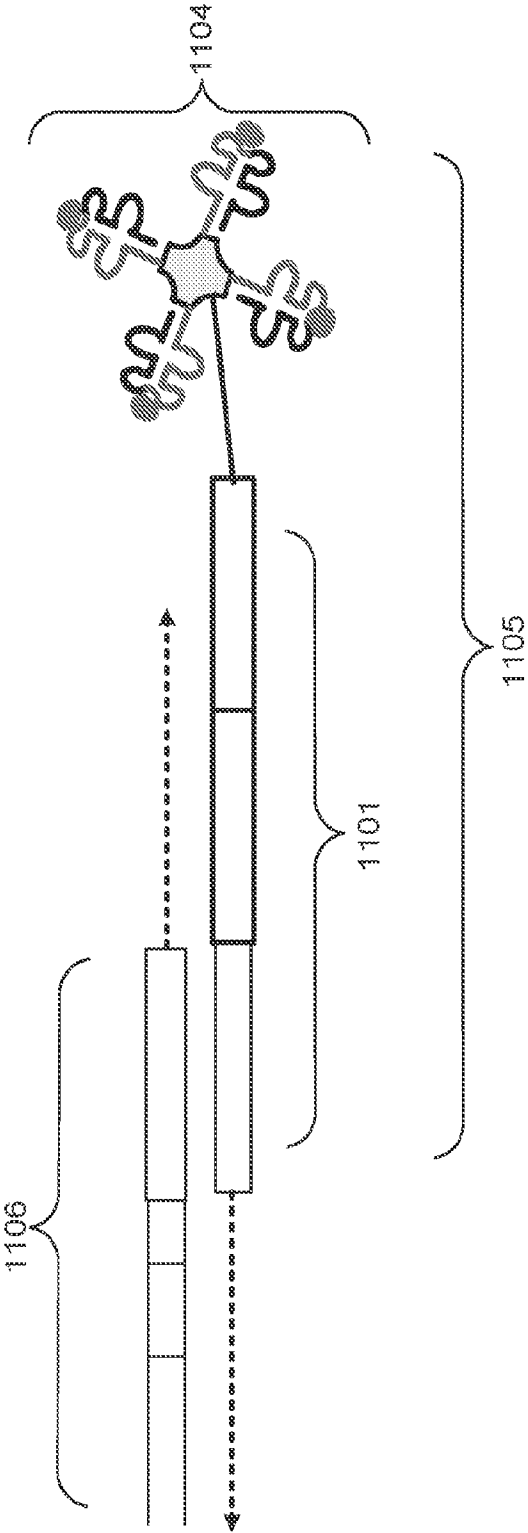


FIG. 11C

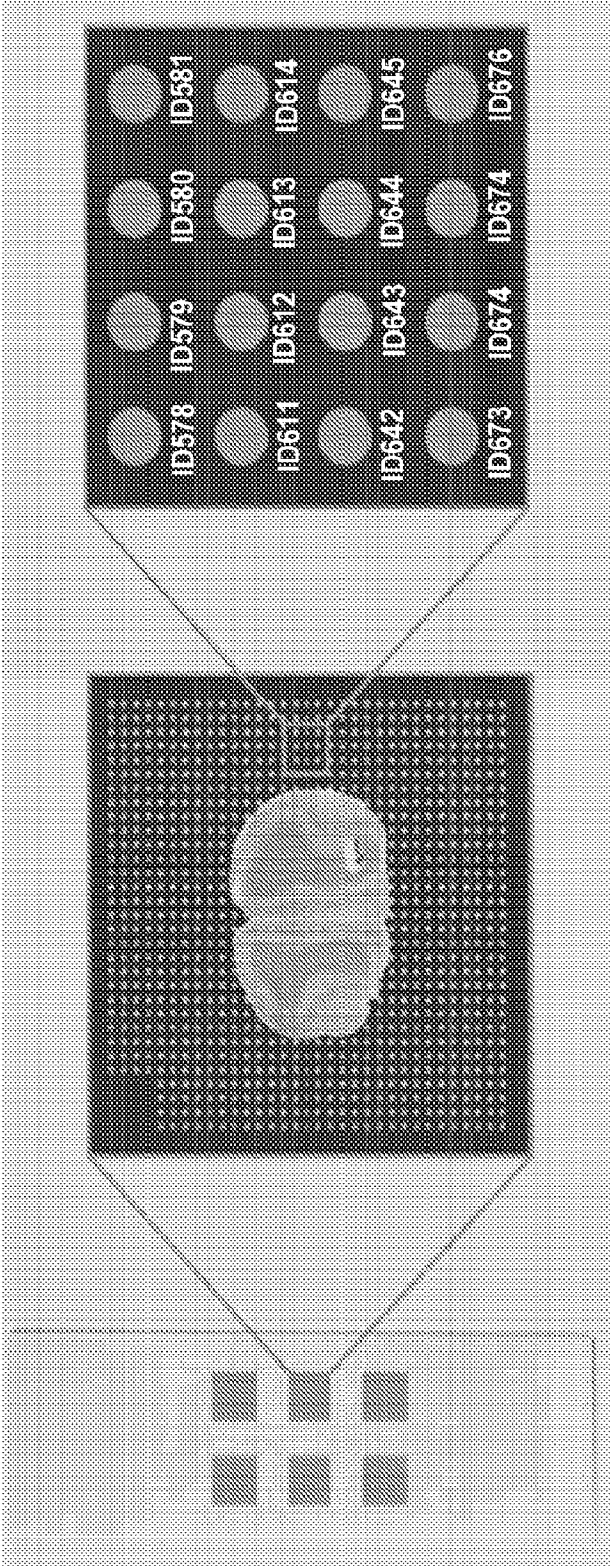


FIG. 12

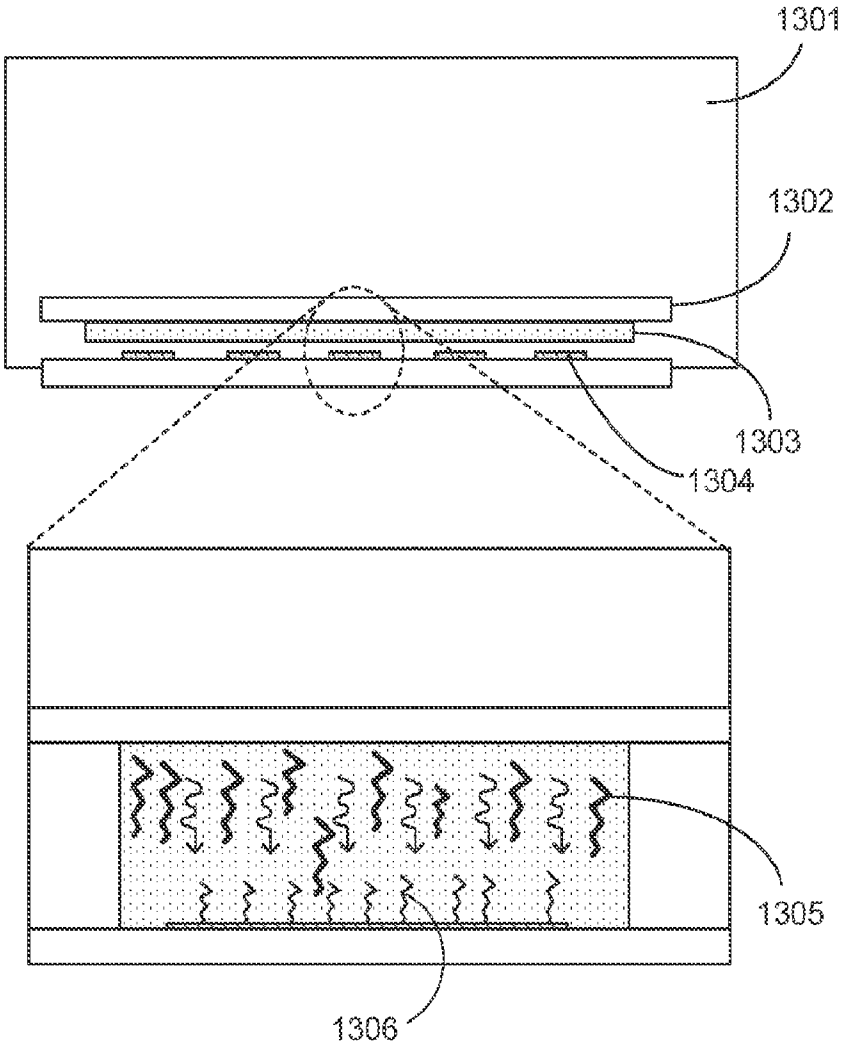


FIG. 13

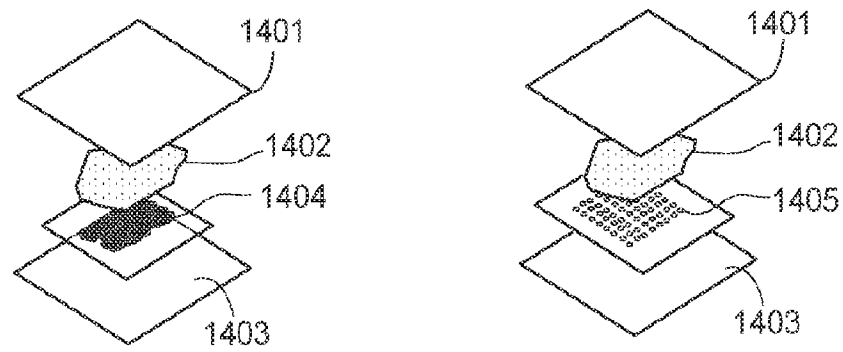


FIG. 14A

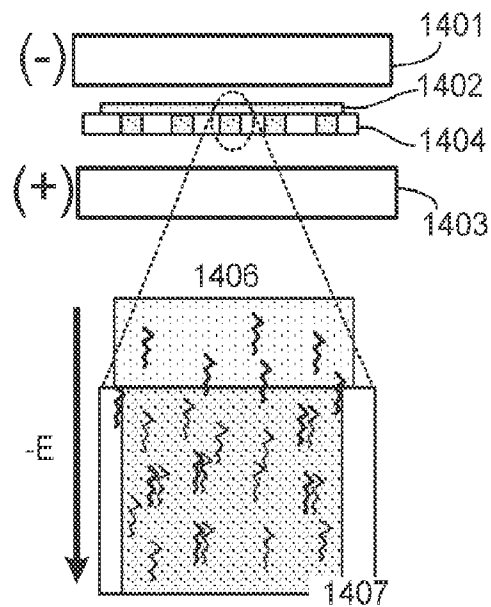


FIG. 14B

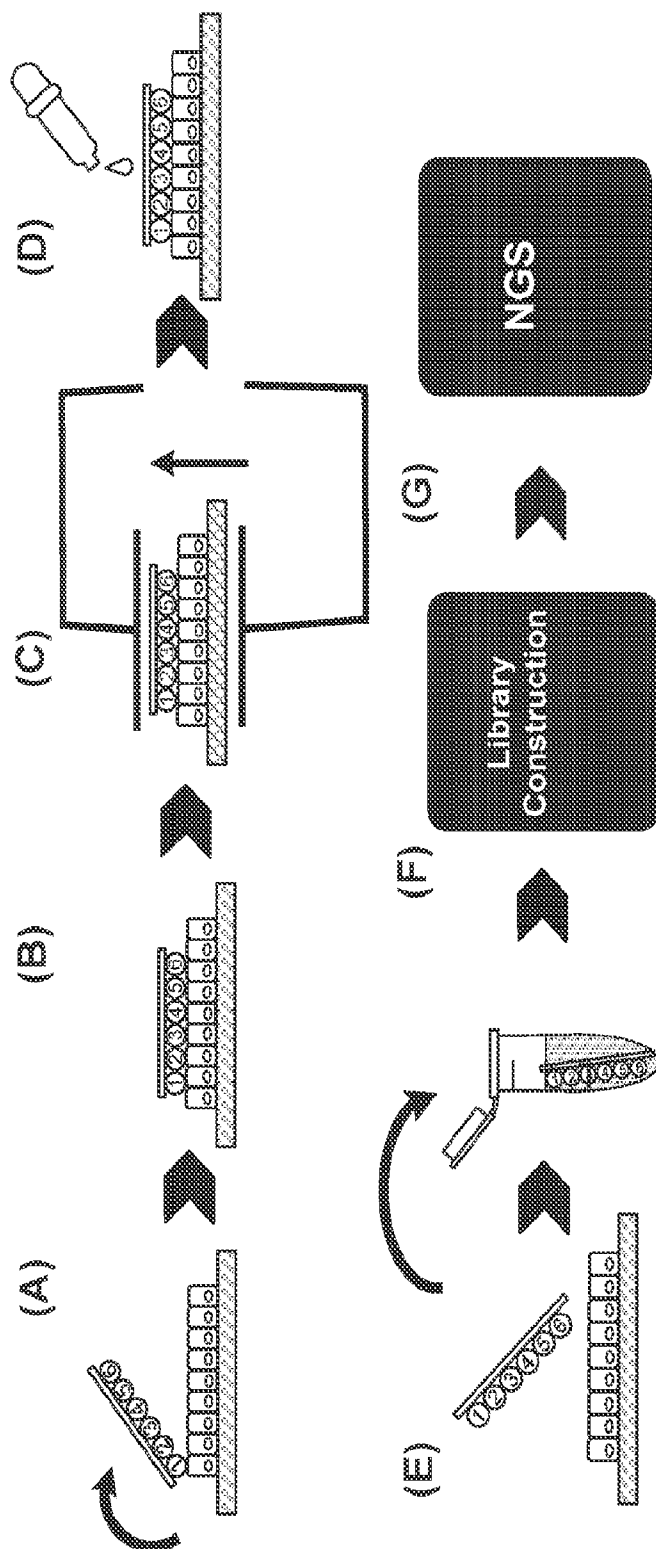


FIG. 15

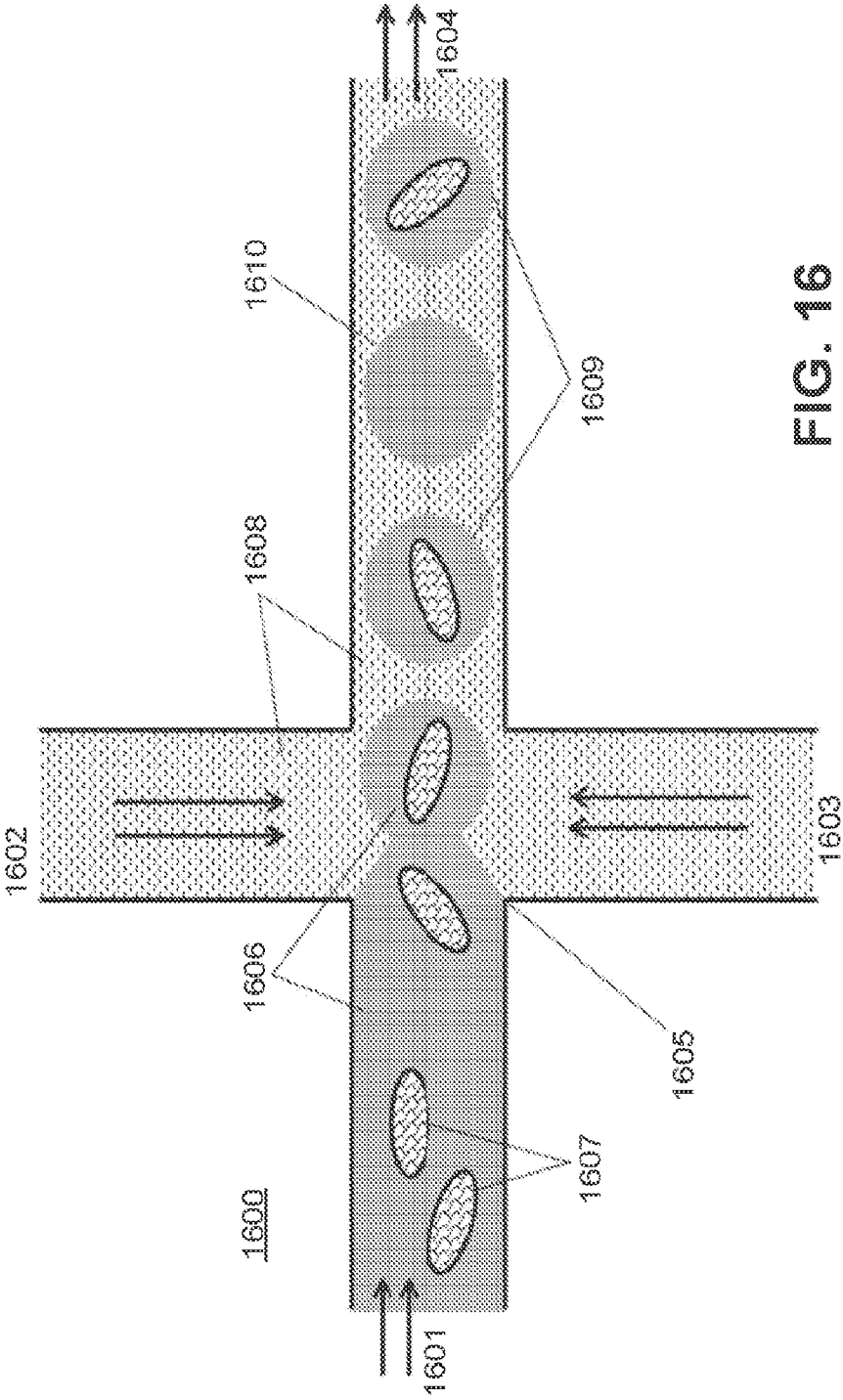


FIG. 16

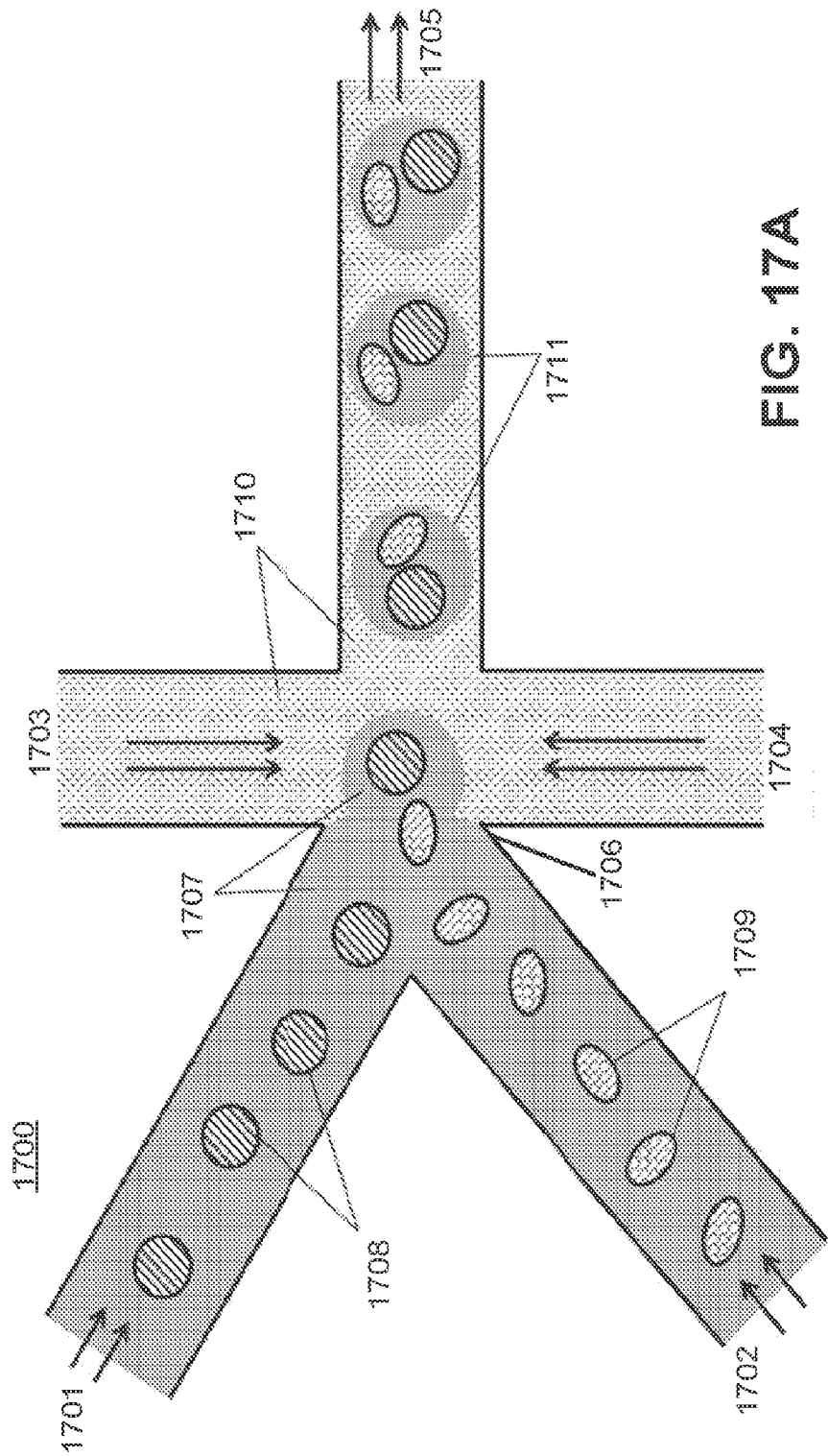


FIG. 17A

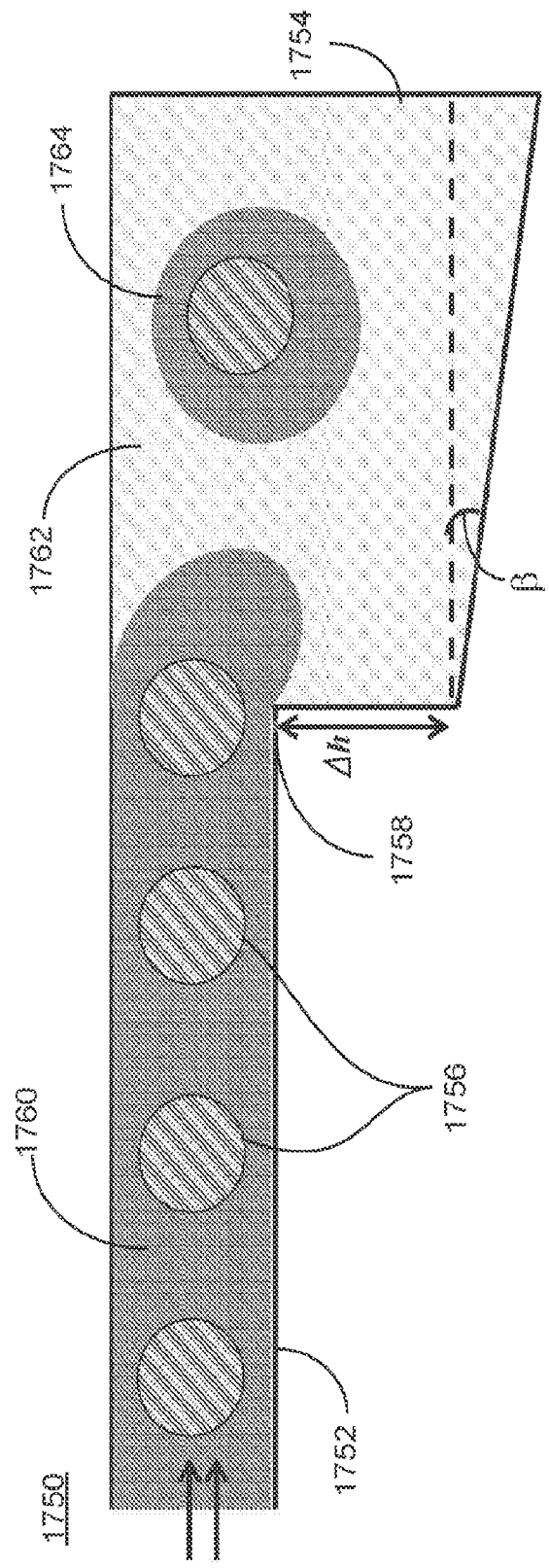
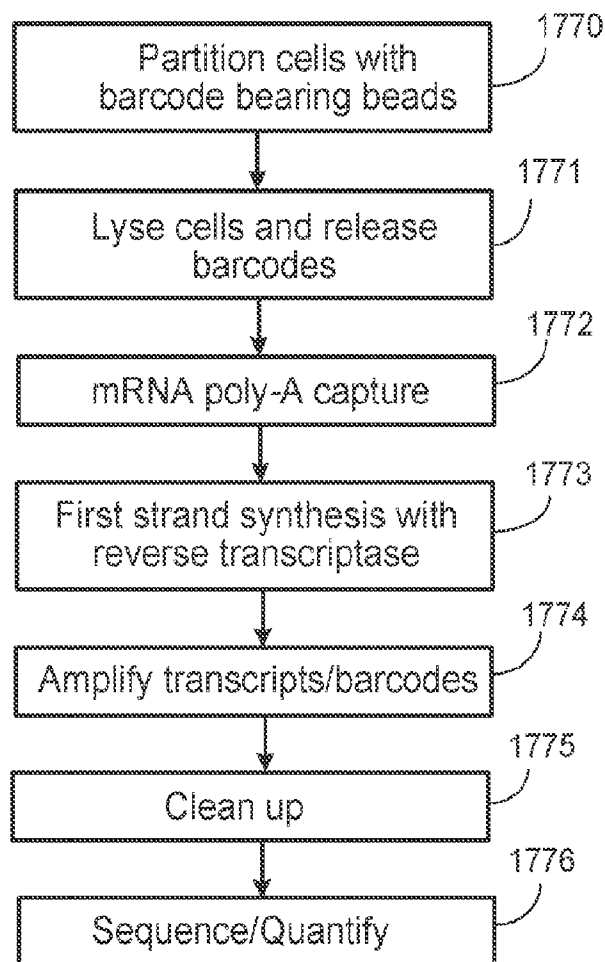


FIG. 17B

**FIG. 17C**

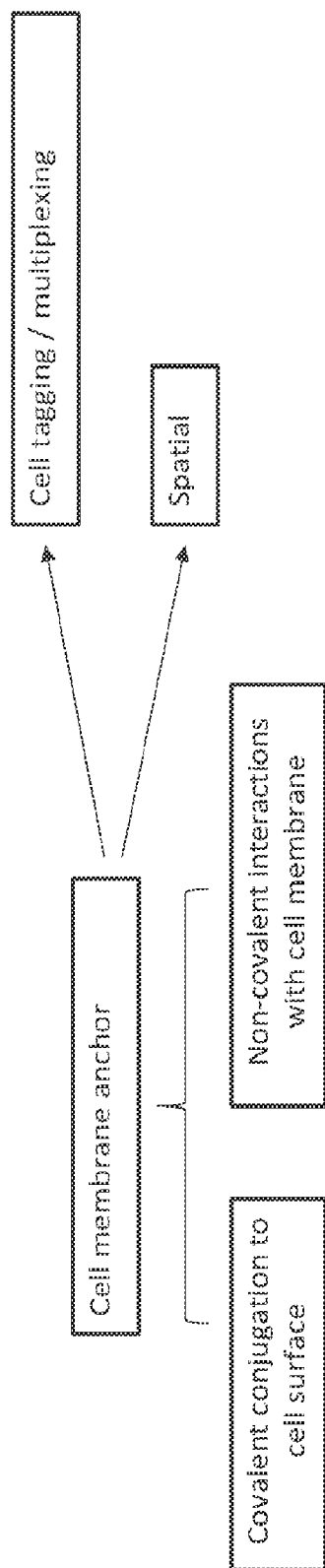


FIG. 18

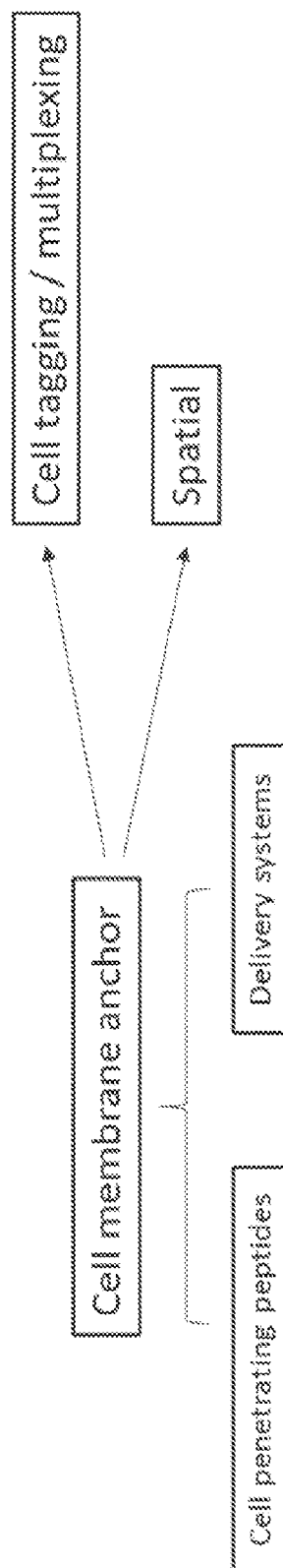


FIG. 19

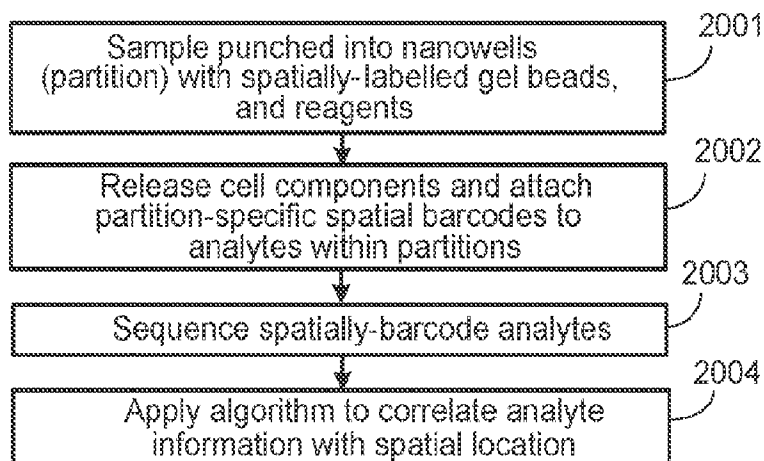


FIG. 20A

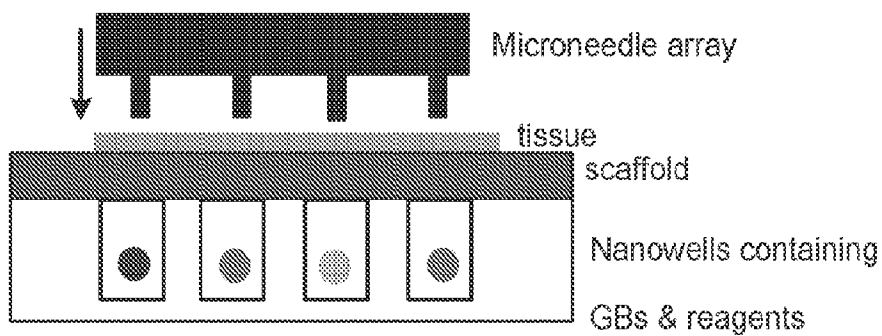
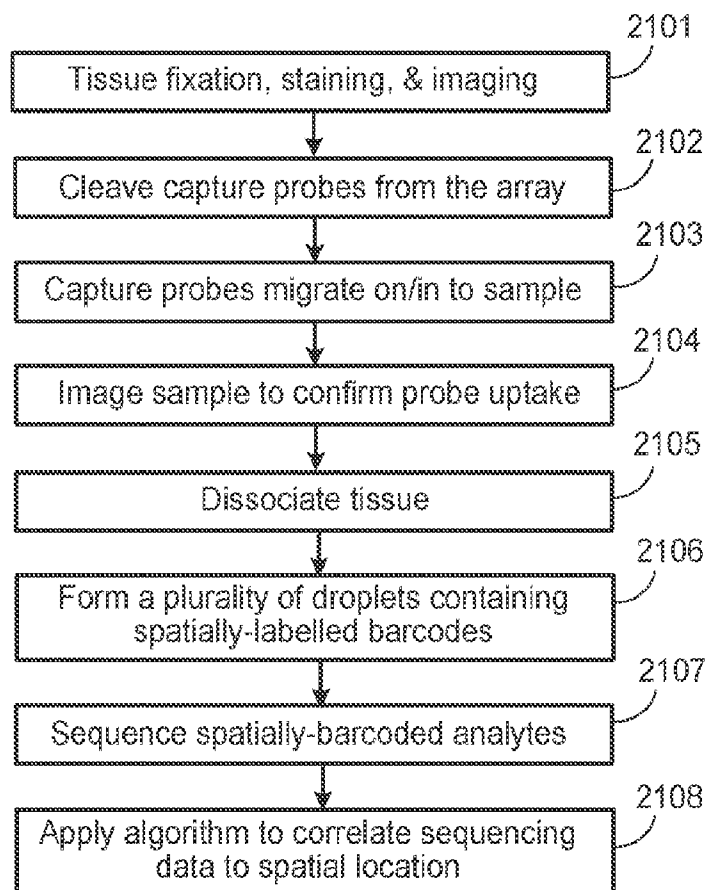


FIG. 20B

**FIG. 21**

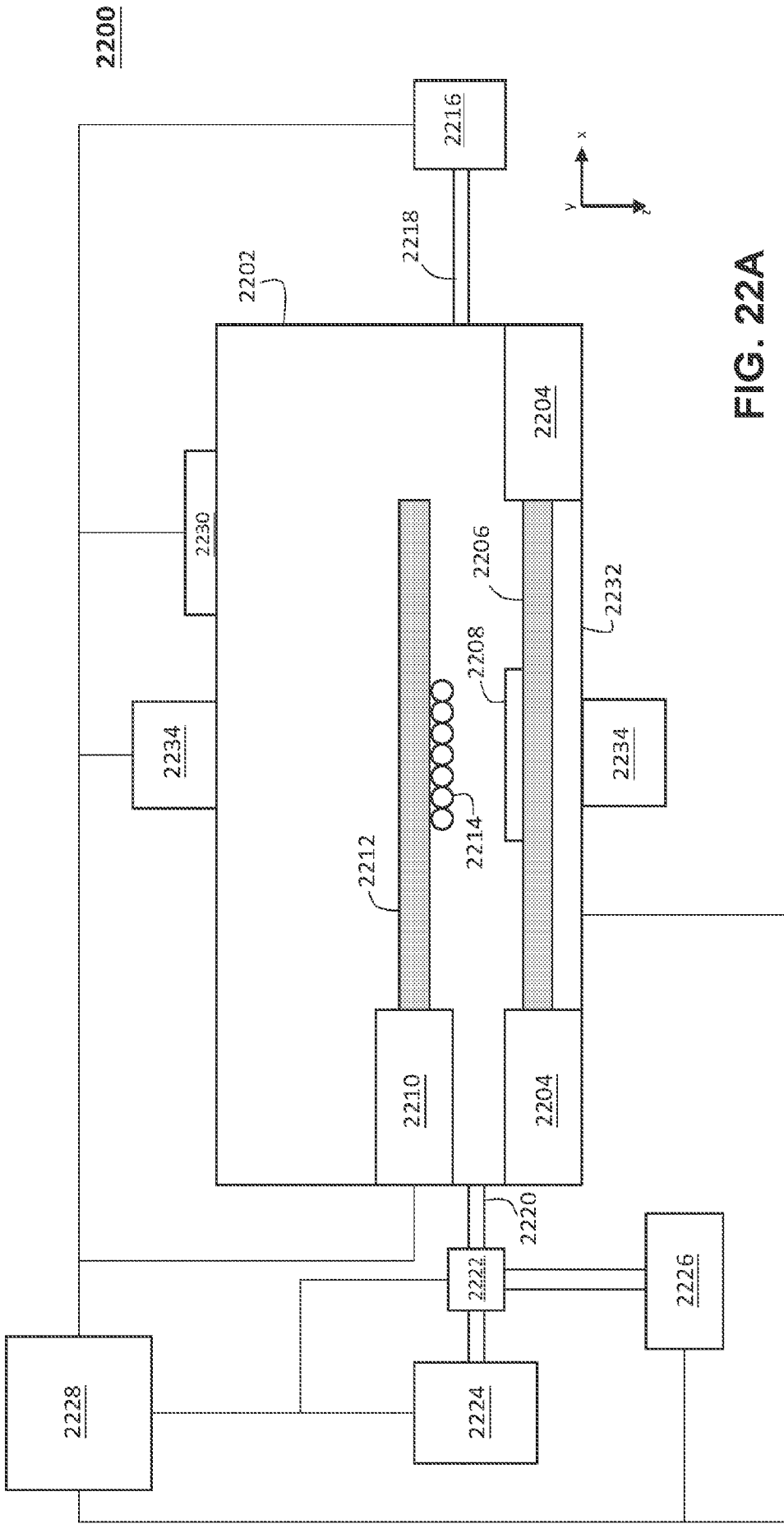


FIG. 22A

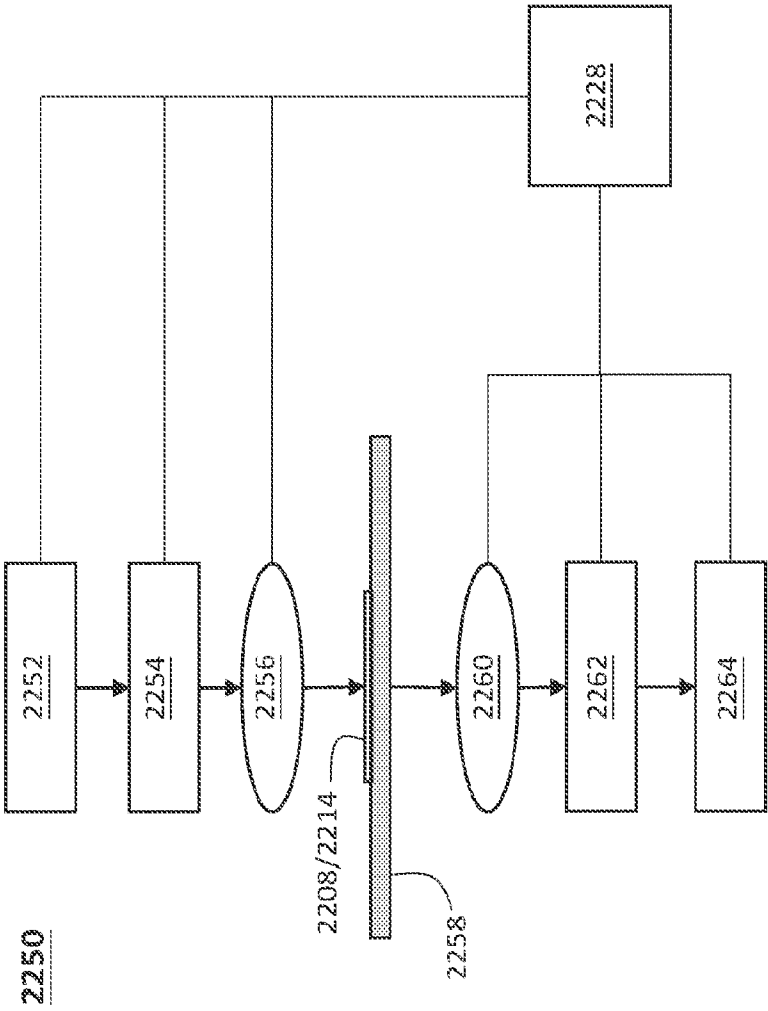


FIG. 22B

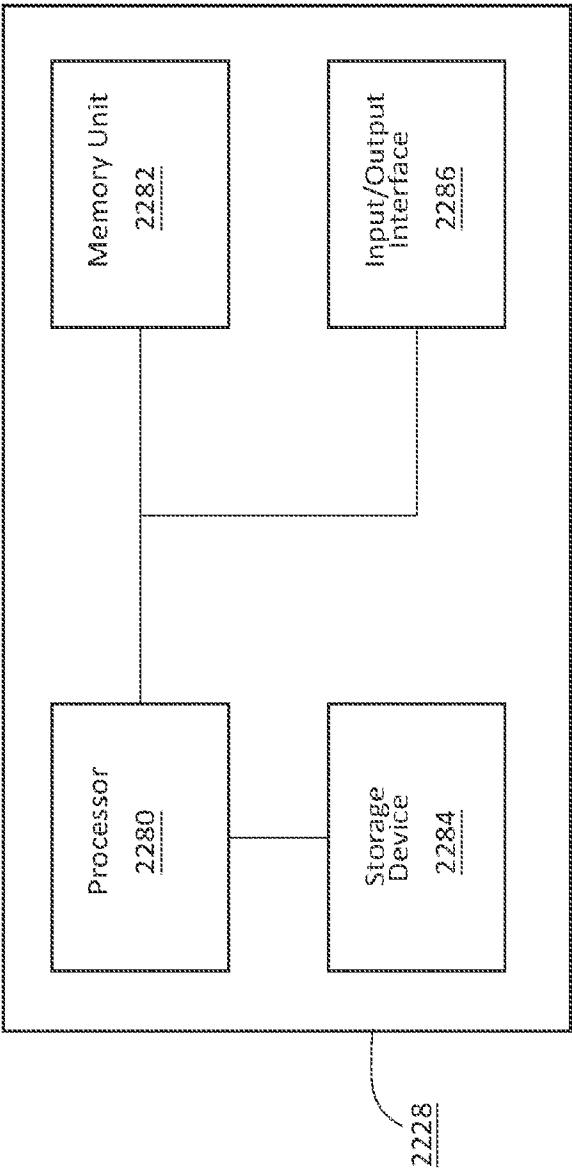


FIG. 22C

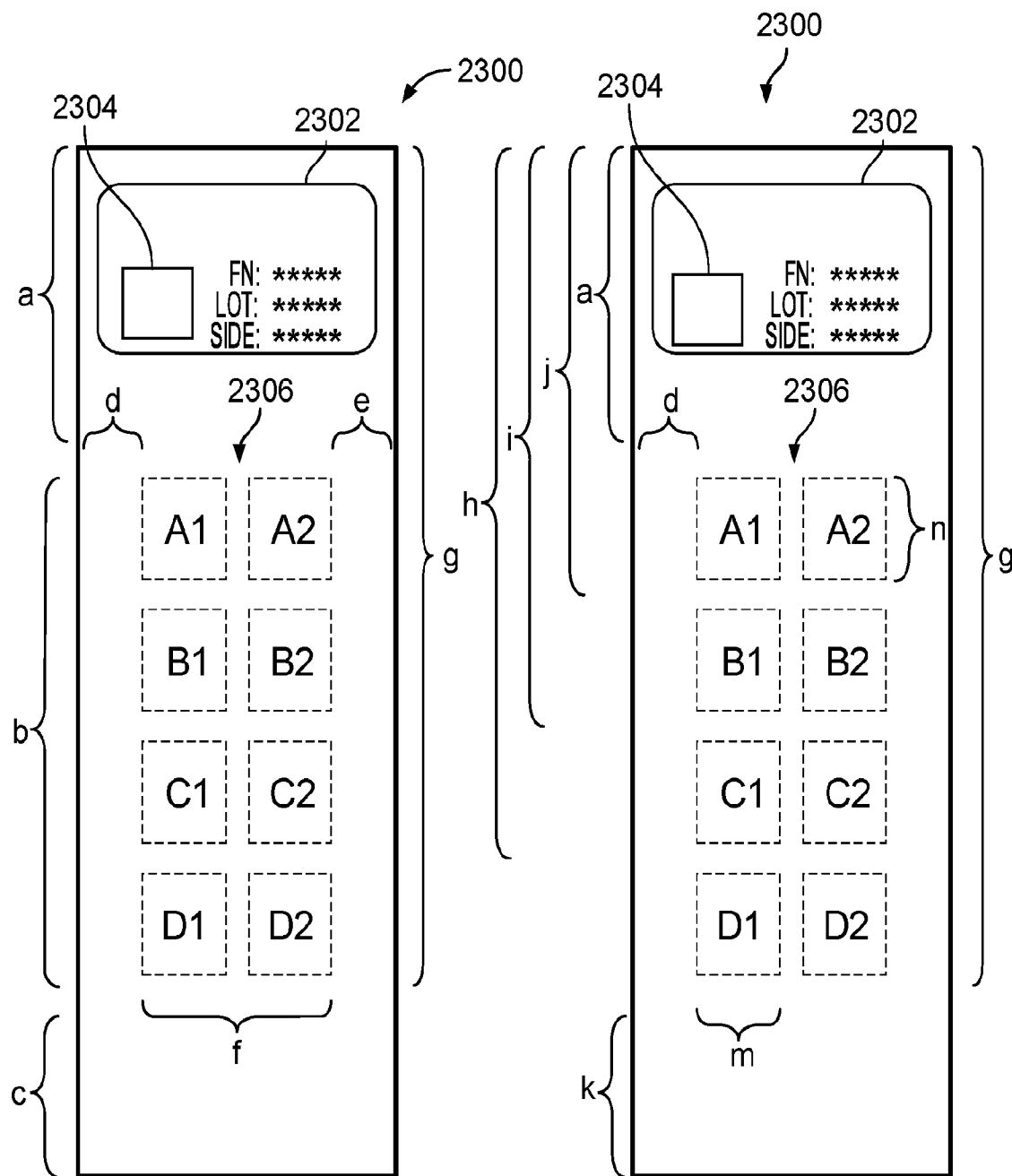


FIG. 23A

FIG. 23B

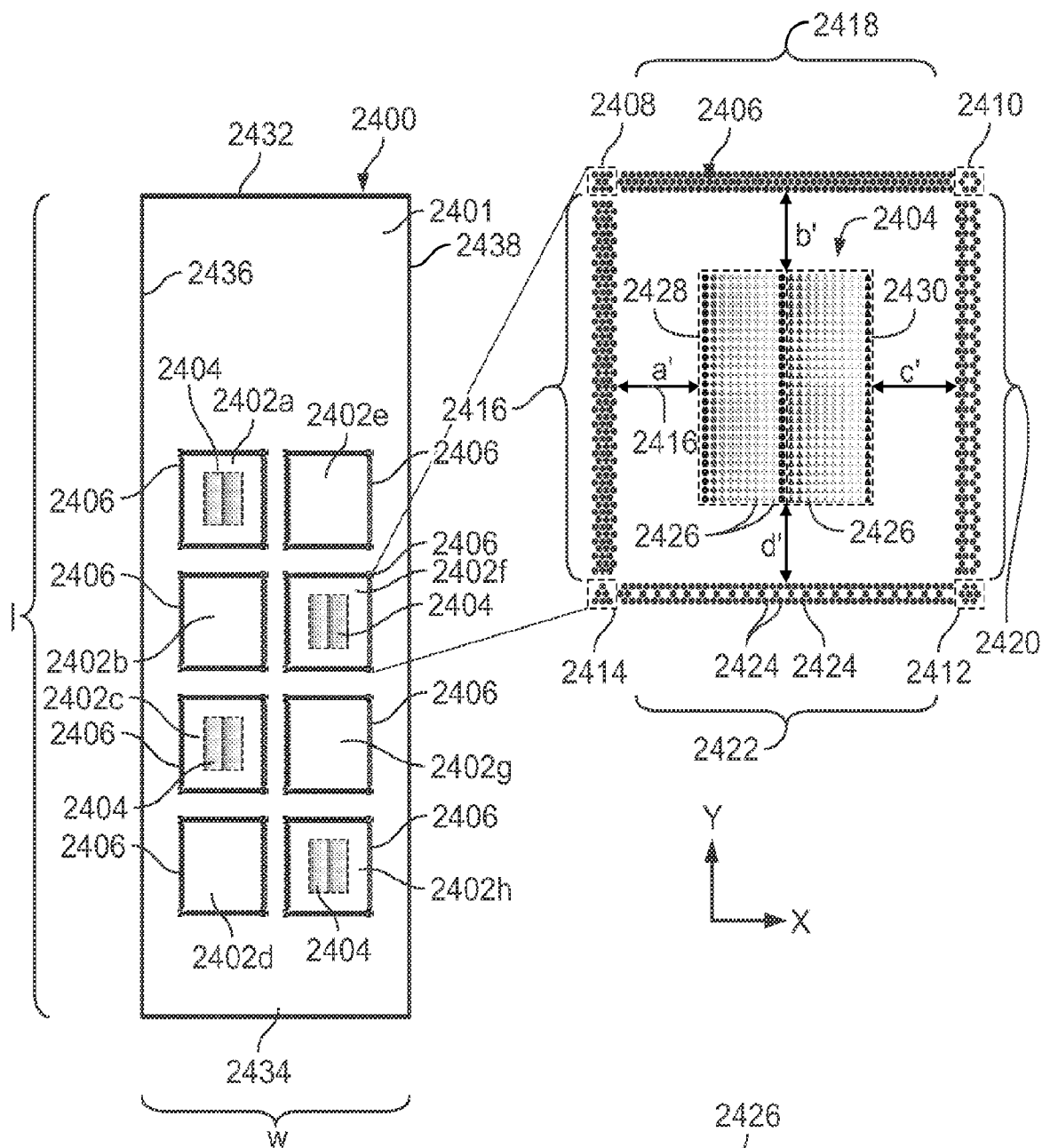


FIG. 24A

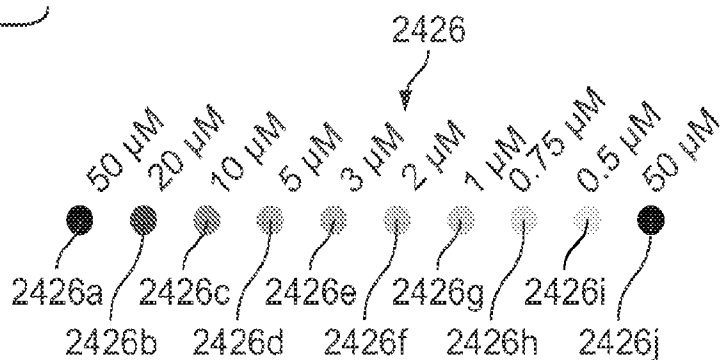
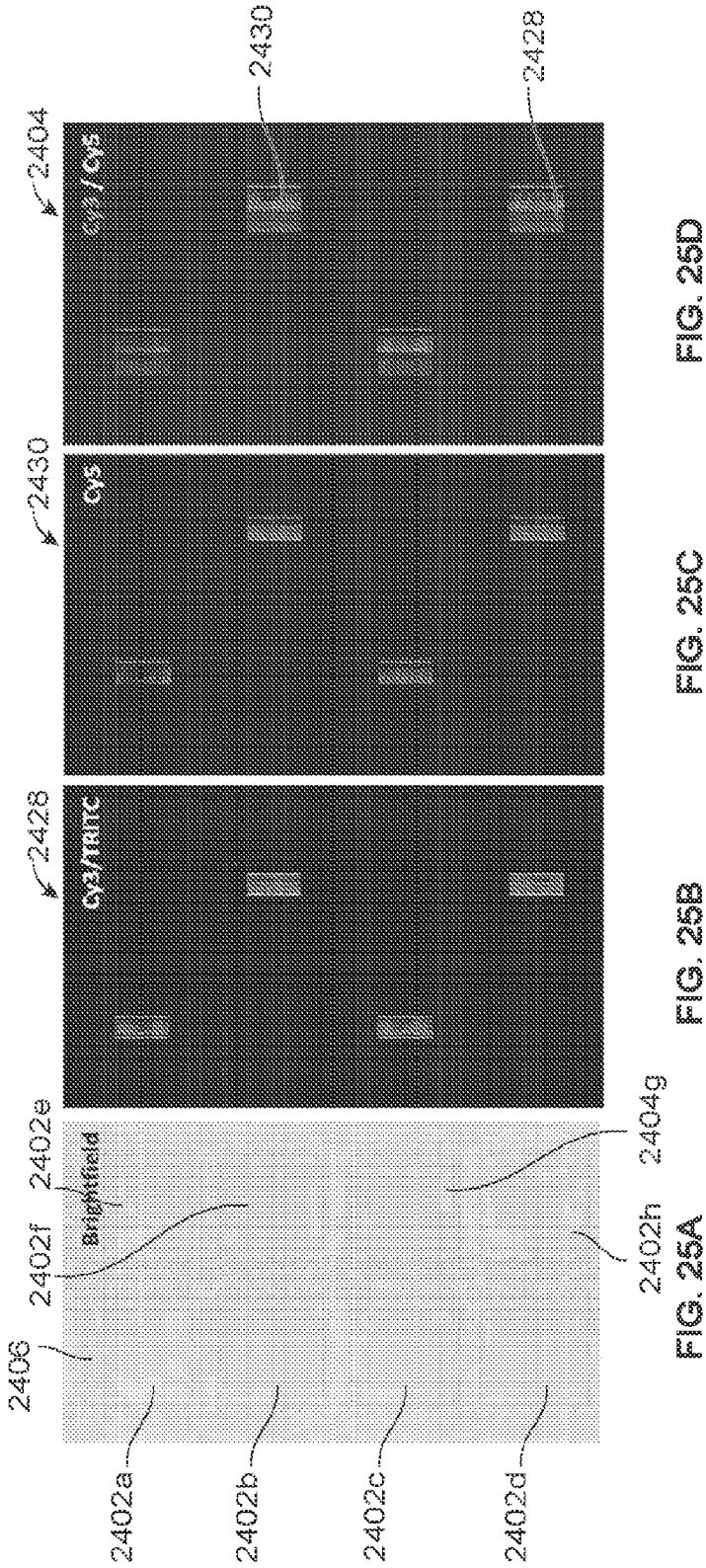


FIG. 24B



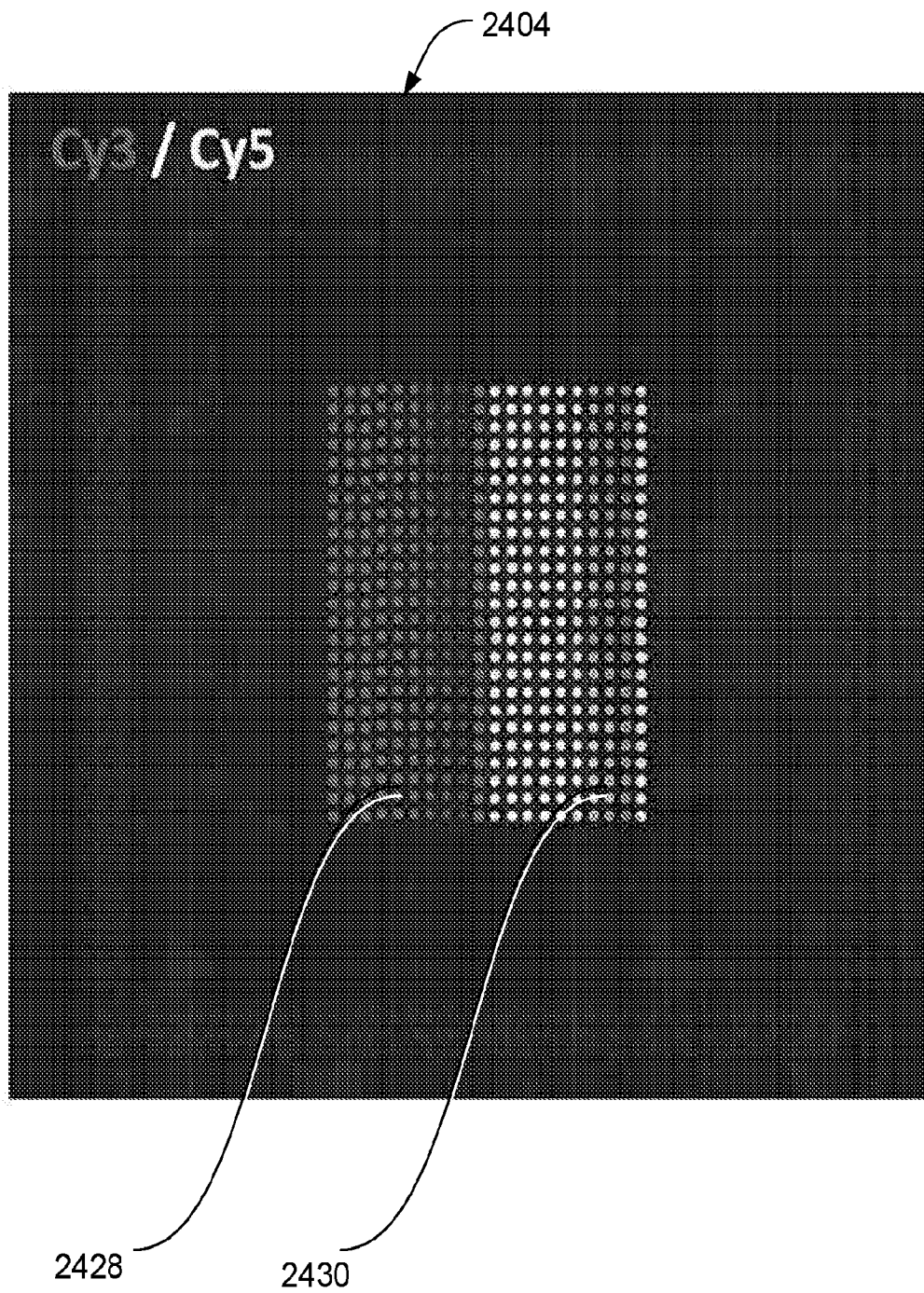
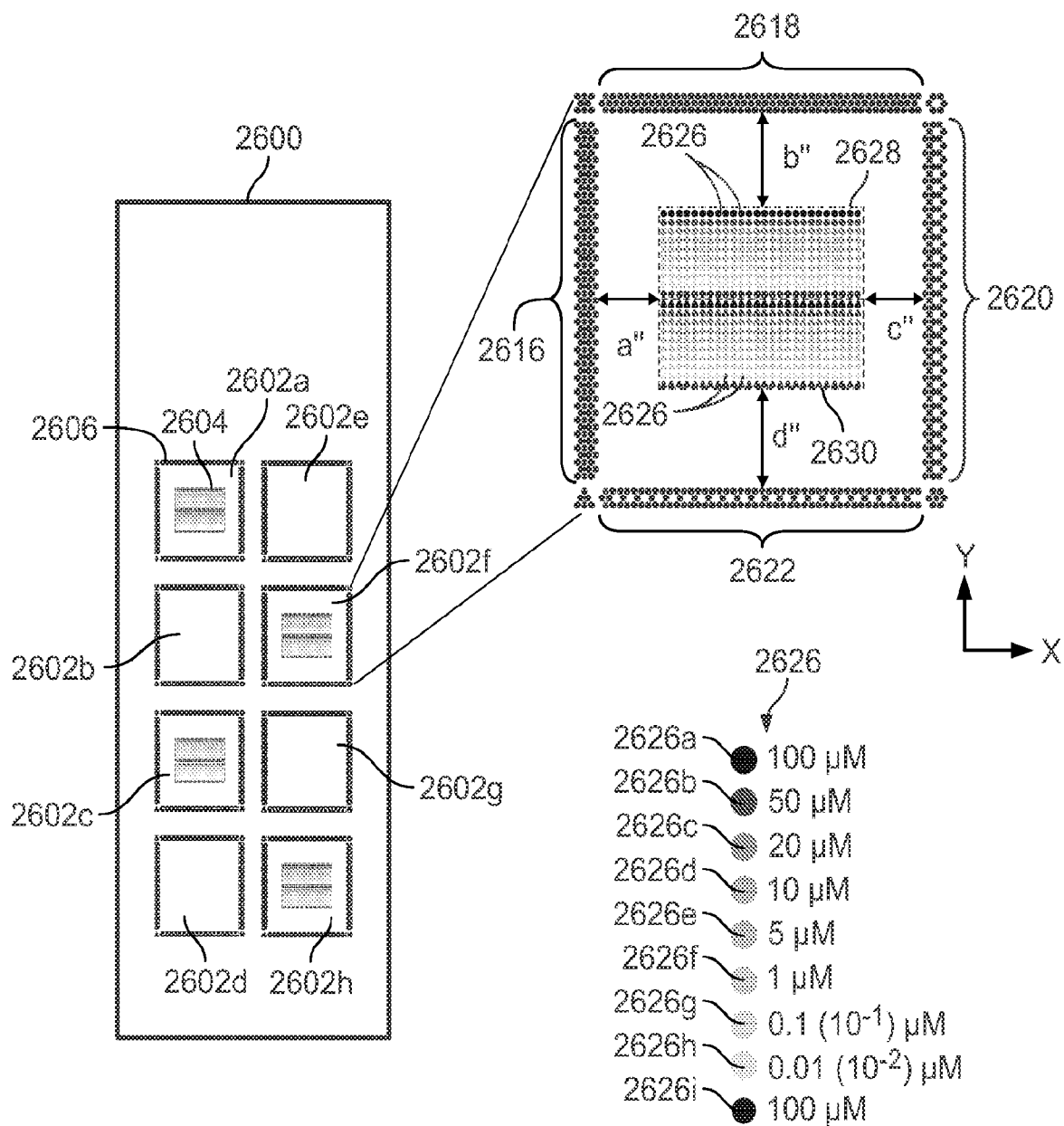


FIG. 25E



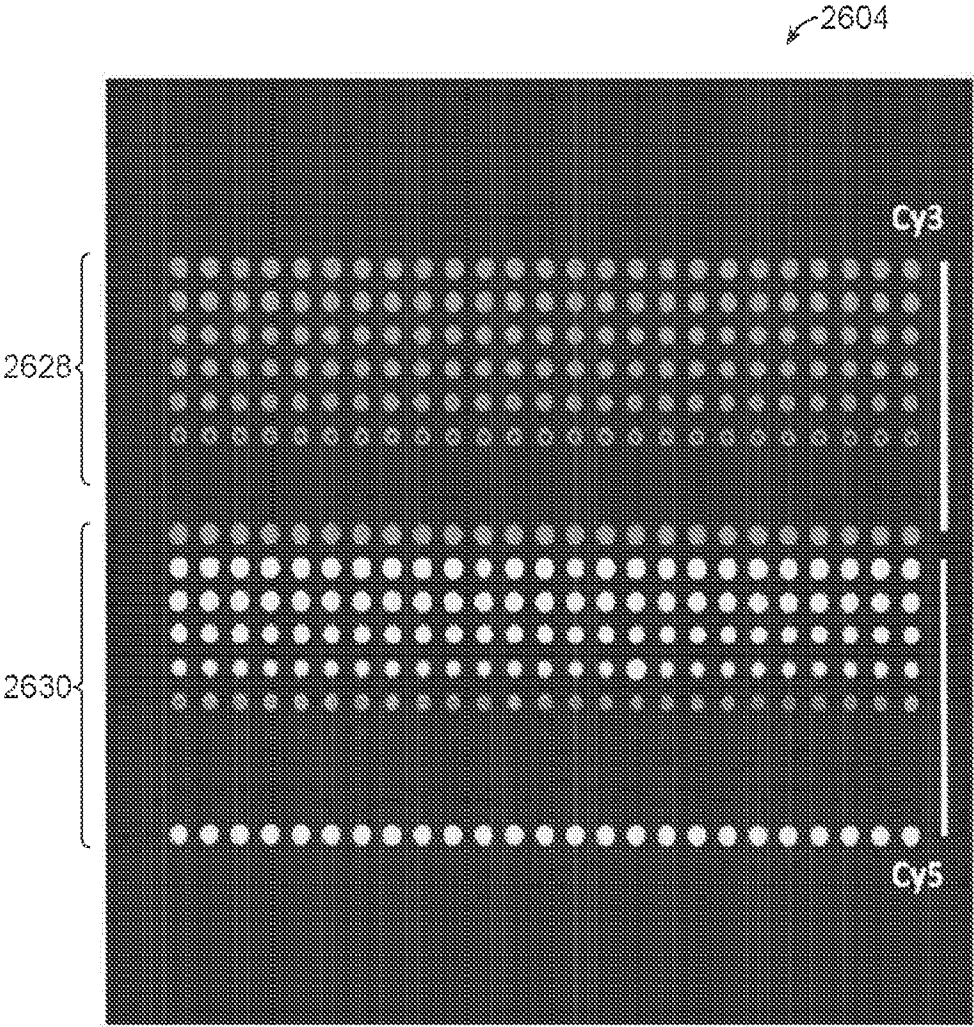


FIG. 26C

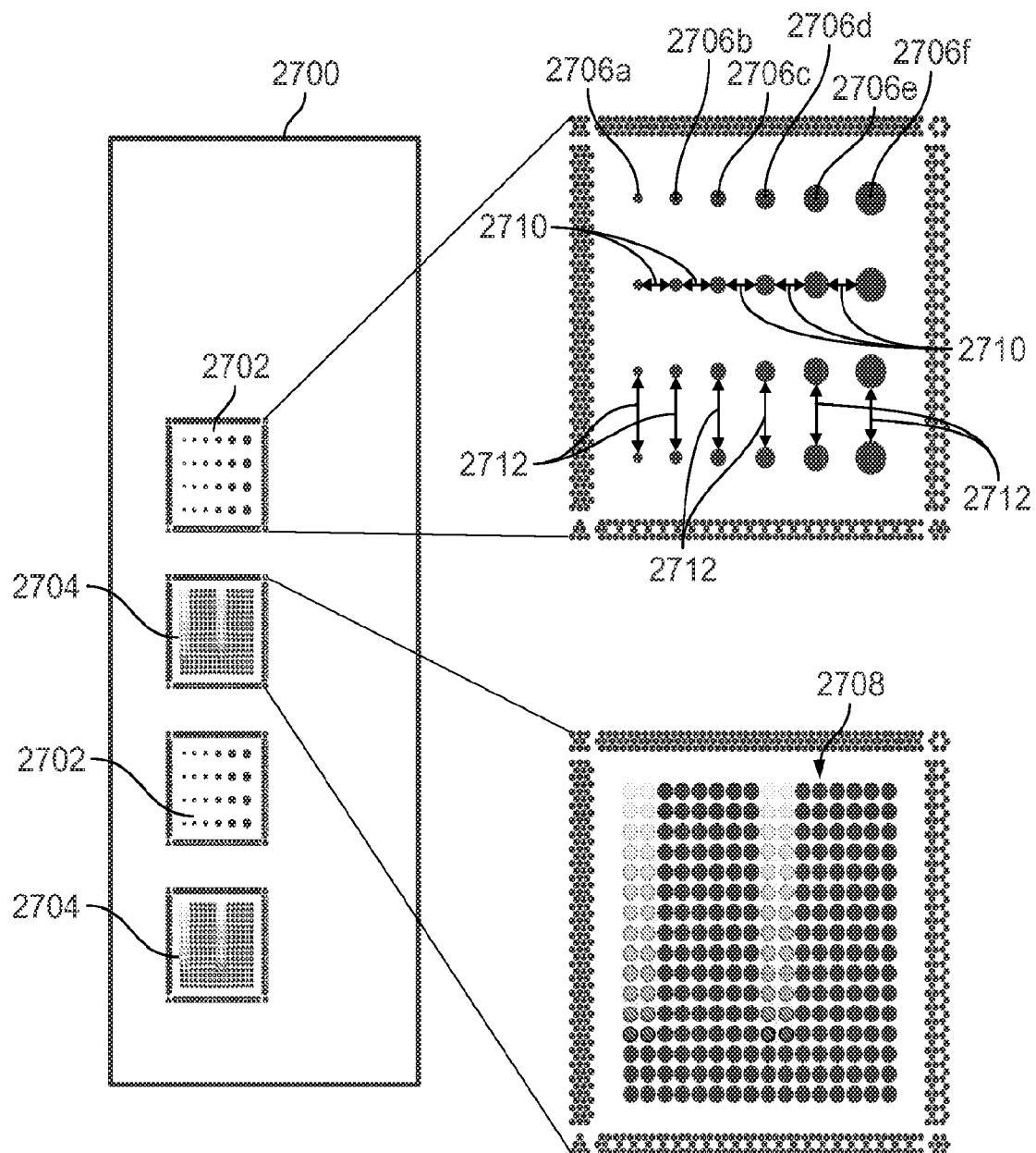


FIG. 27A

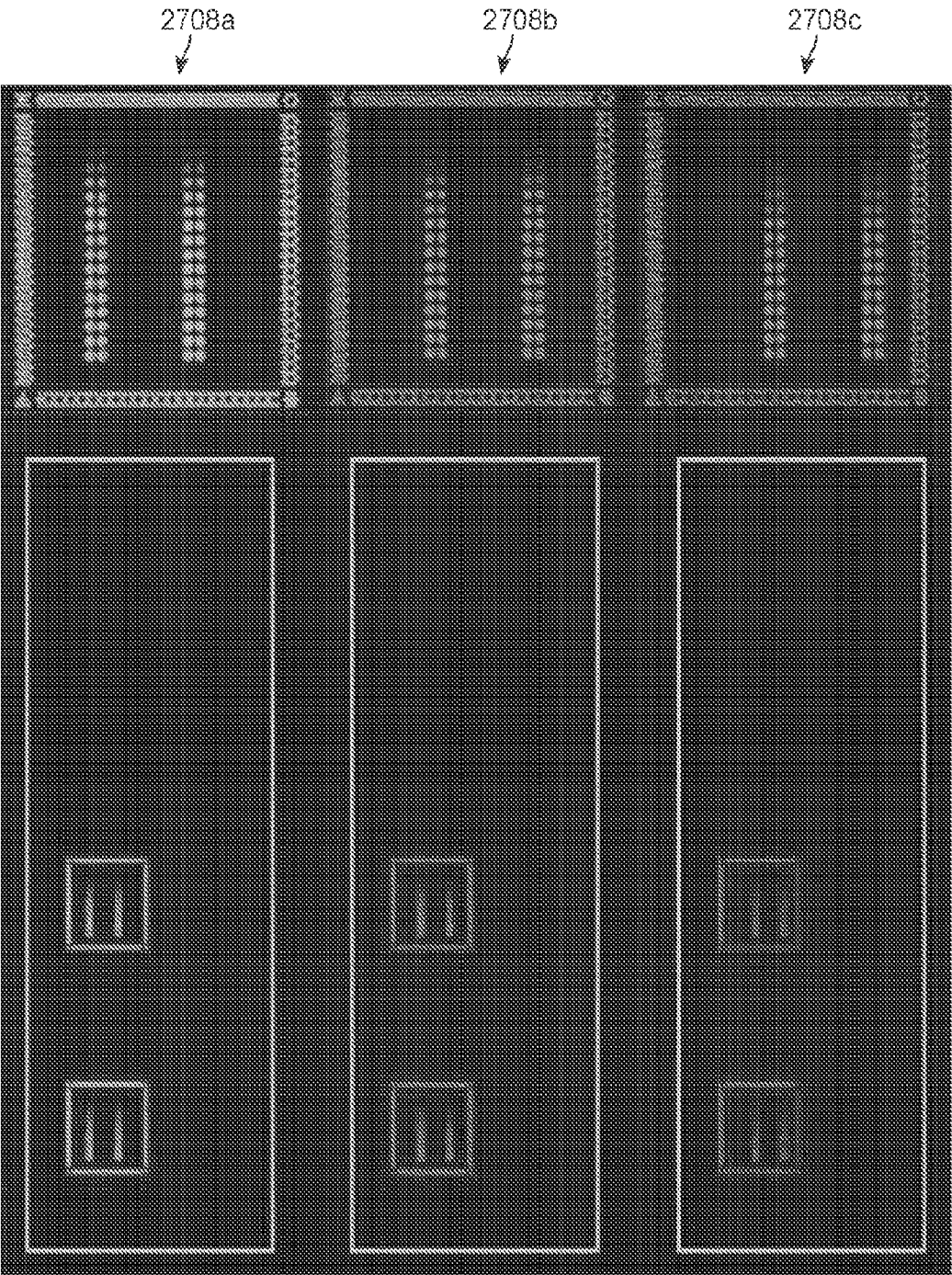


FIG. 27B

FIG. 27C

FIG. 27D

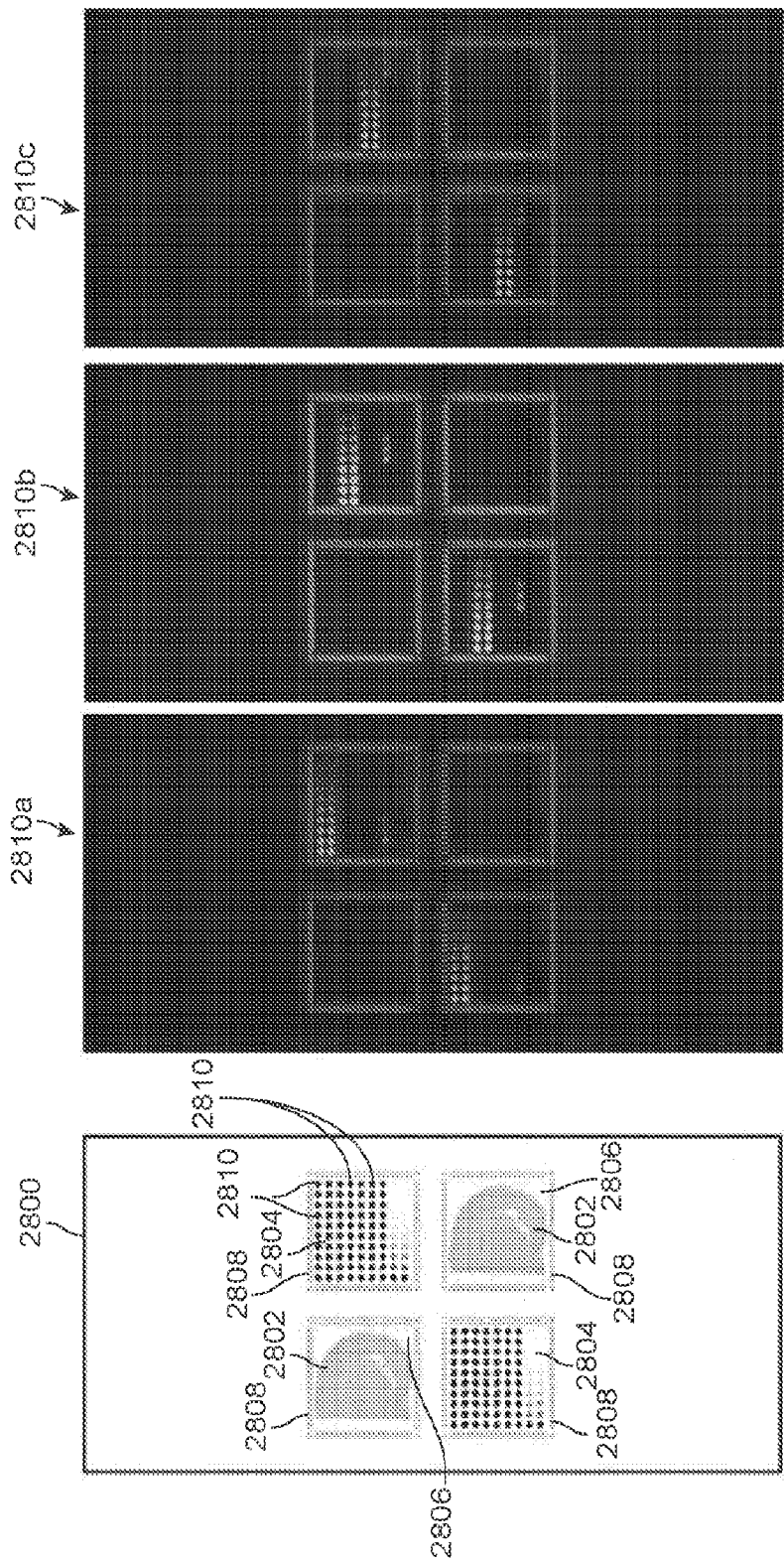


FIG. 28D

FIG. 28C

FIG. 28B

FIG. 28A

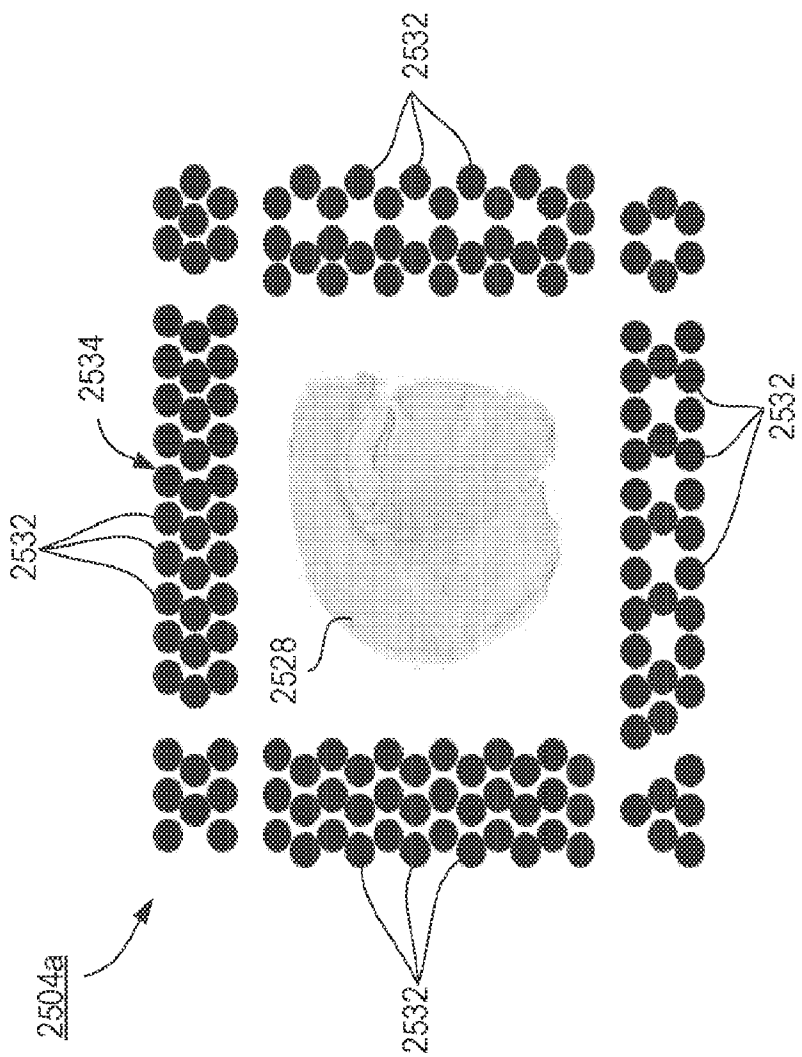


FIG. 29B

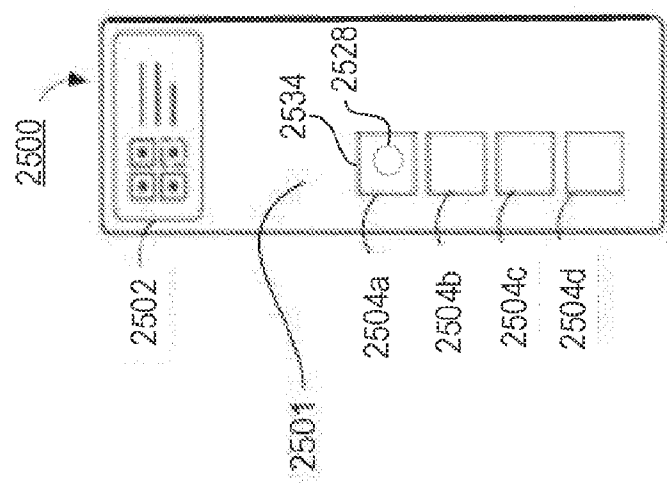
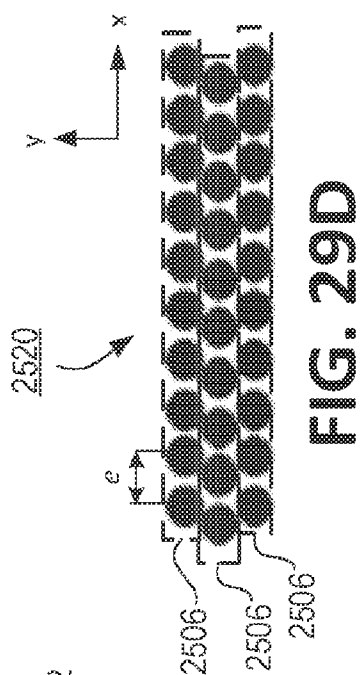
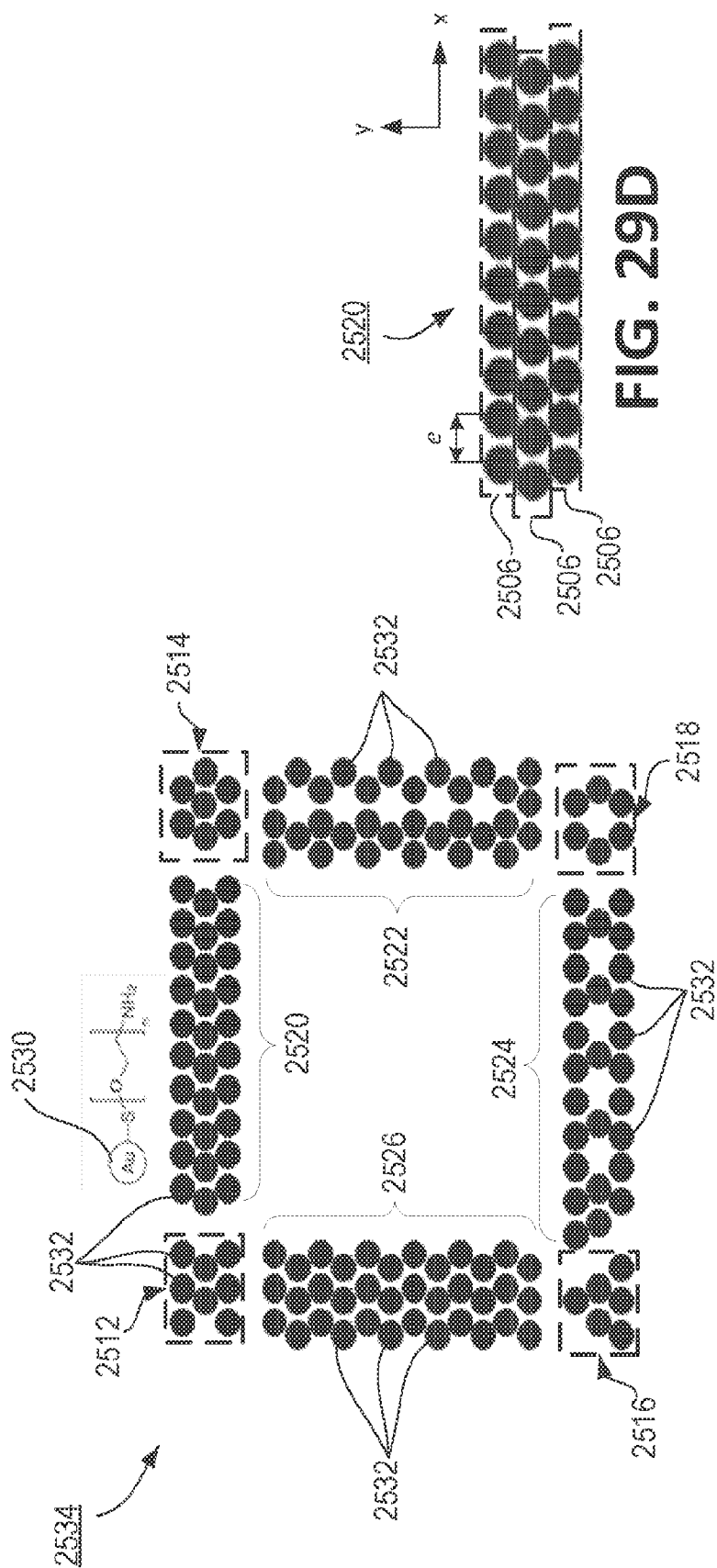


FIG. 29A



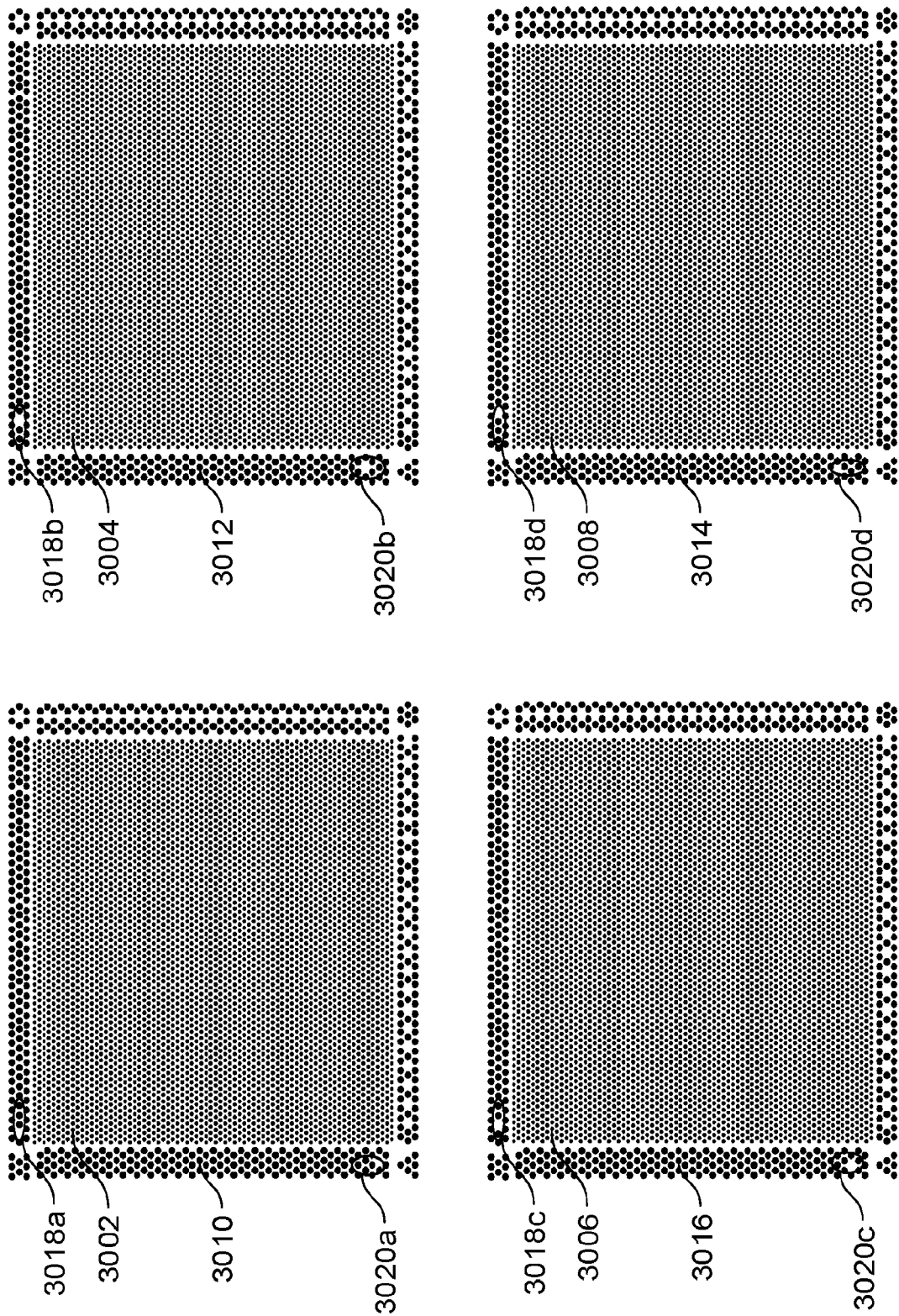


FIG. 30

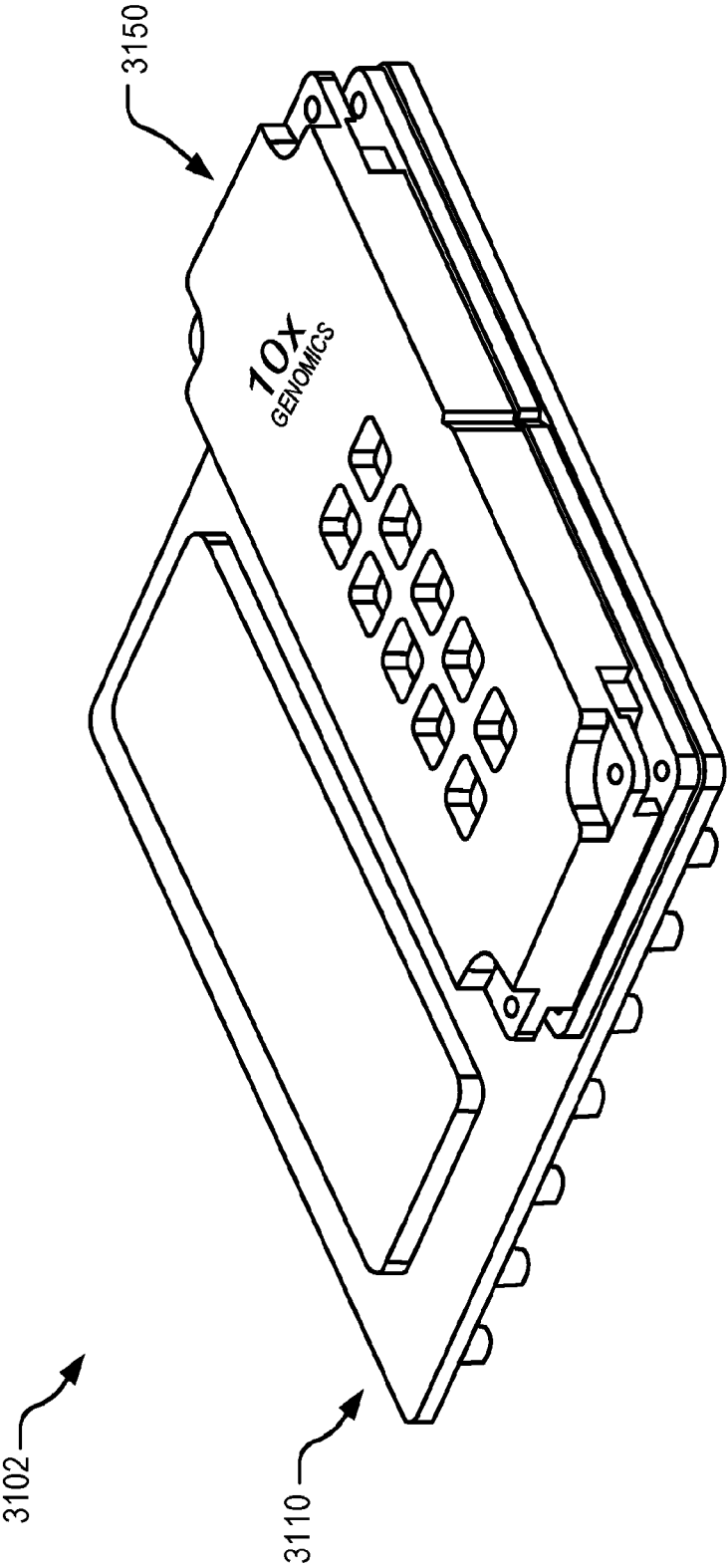


FIG. 31

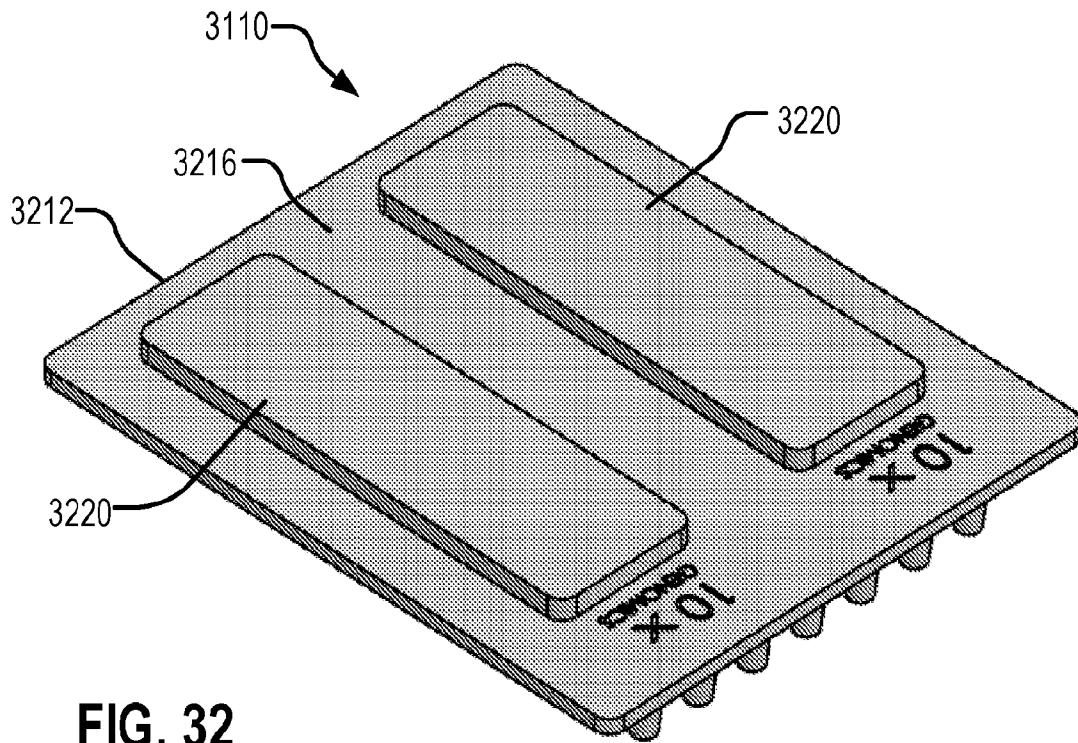


FIG. 32

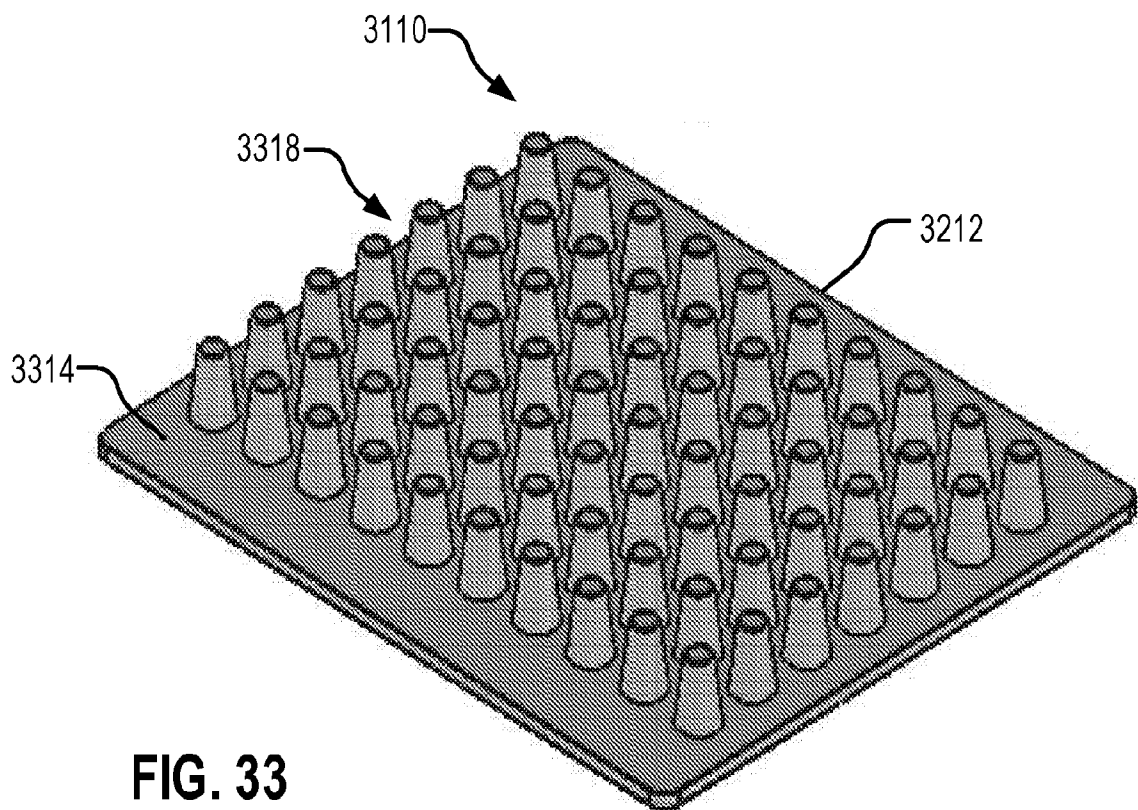


FIG. 33

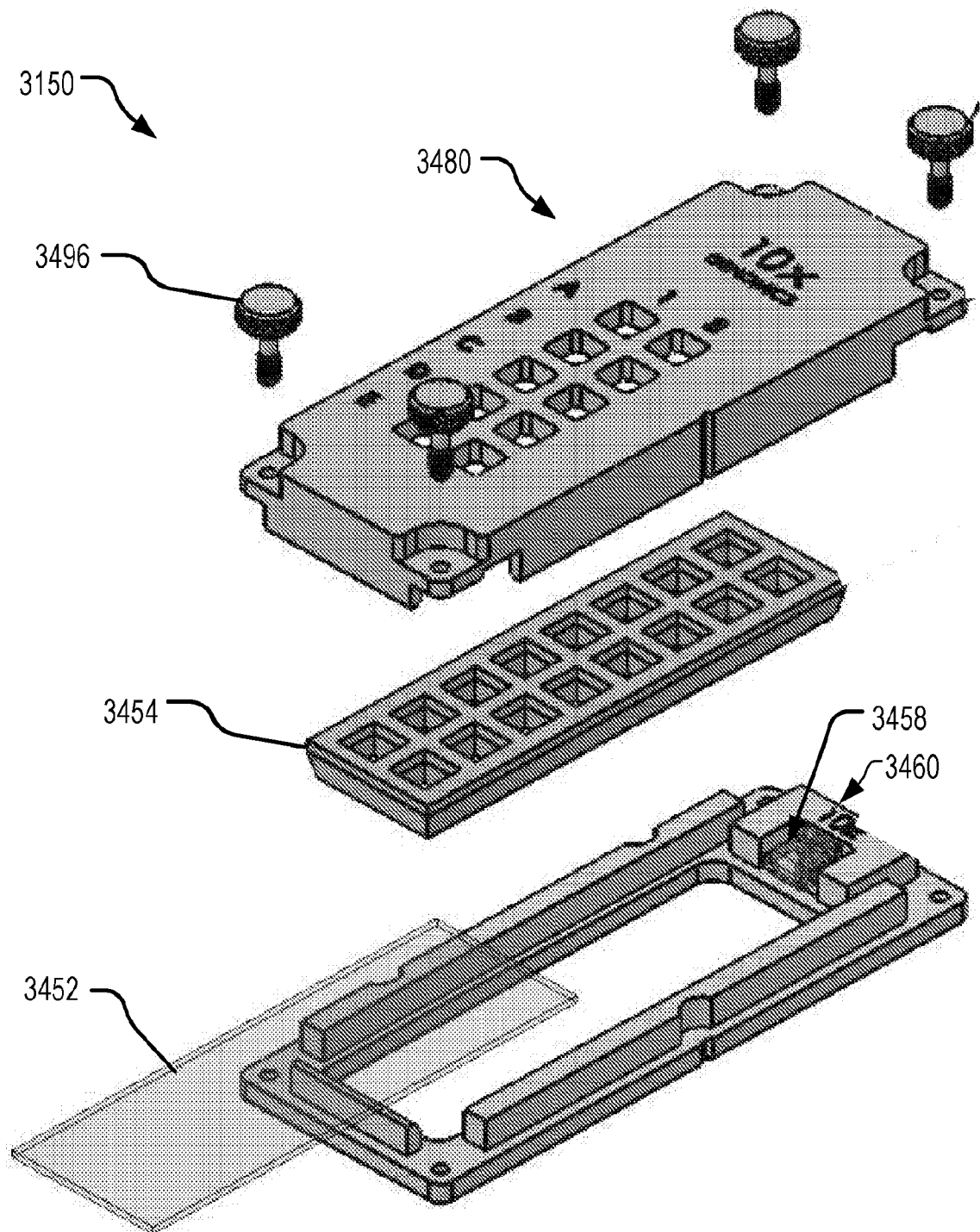
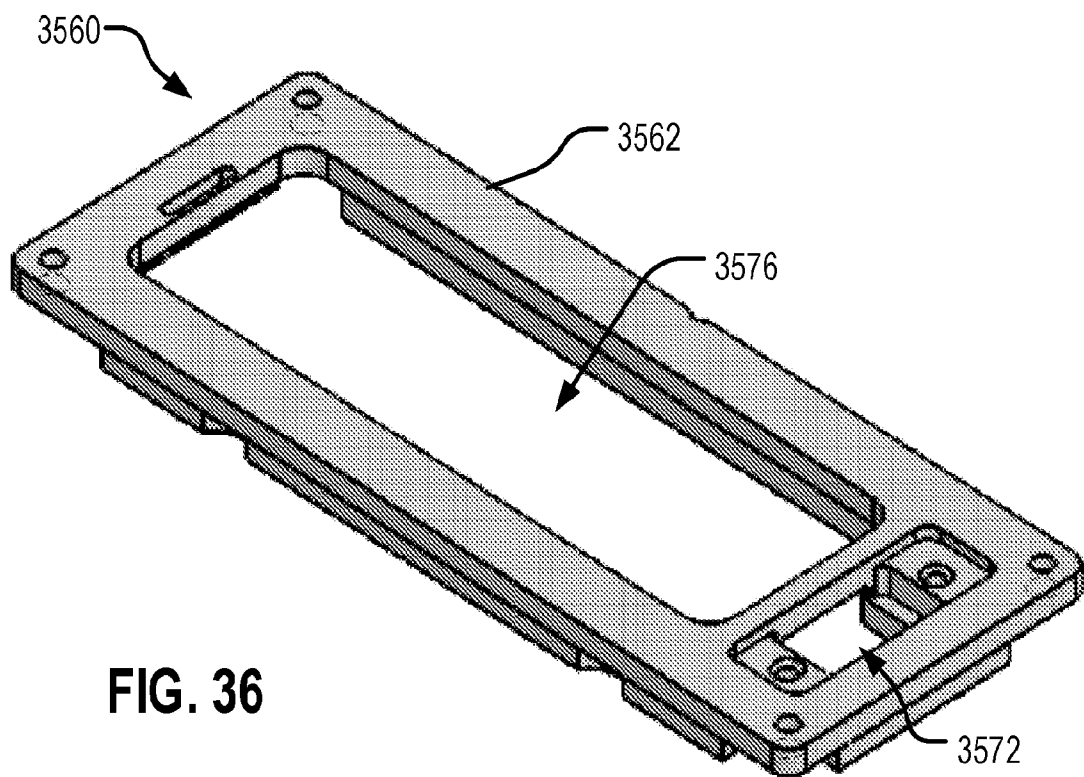
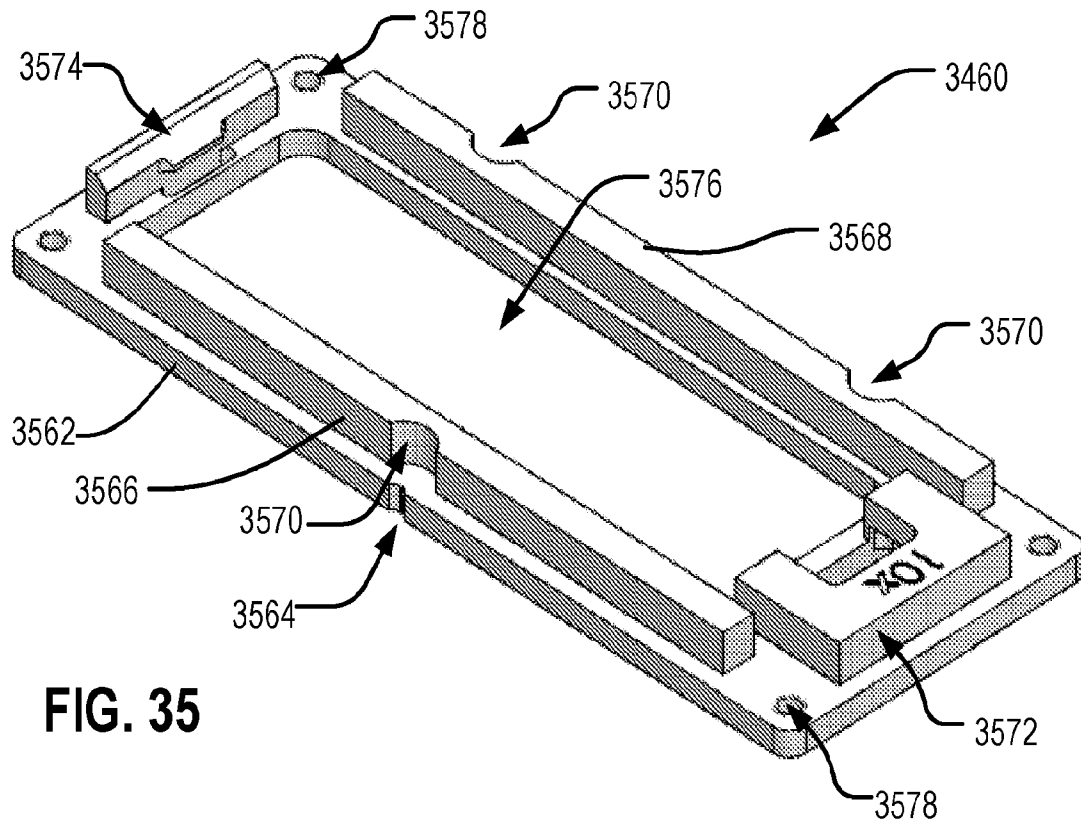


FIG. 34



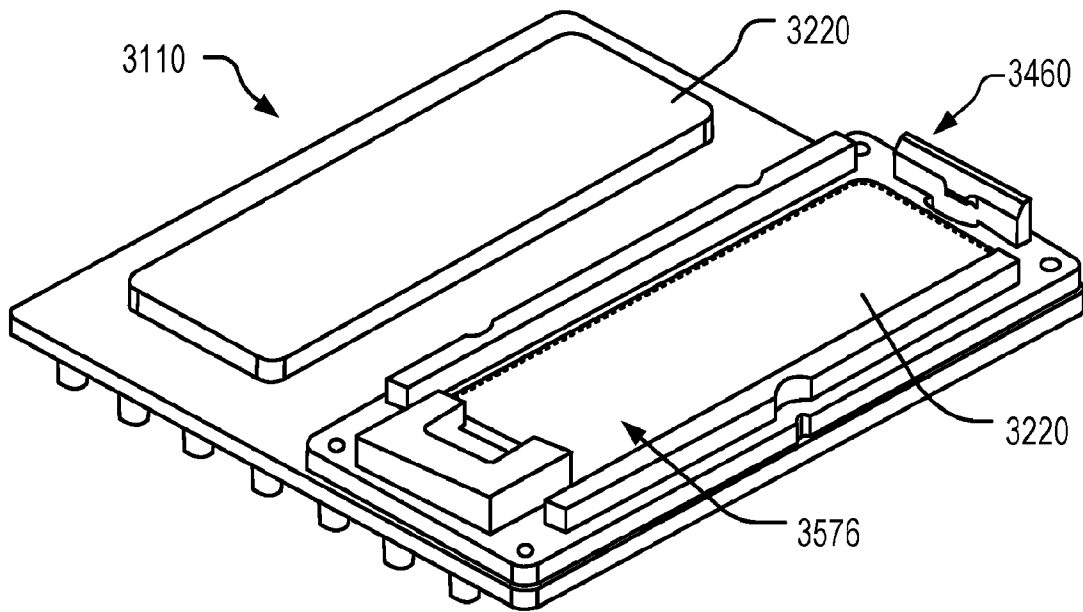


FIG. 37

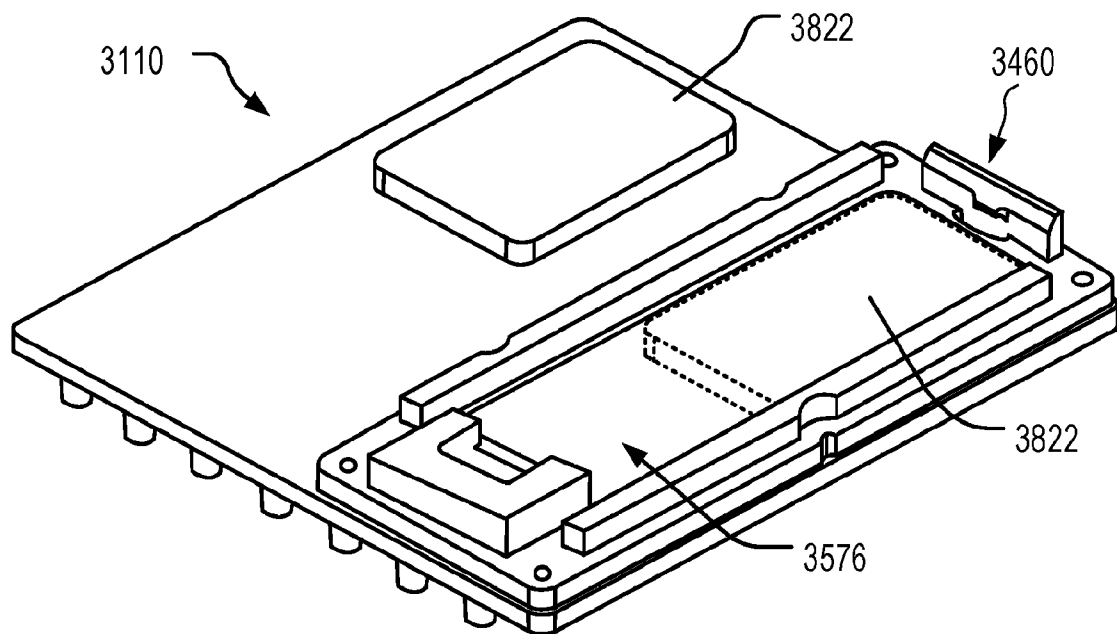


FIG. 38

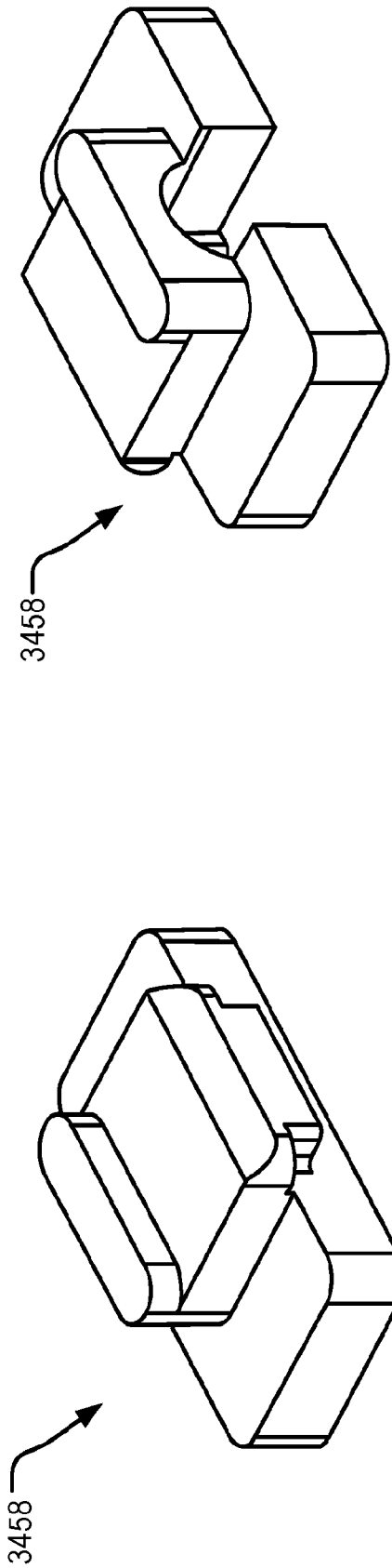


FIG. 40

FIG. 39

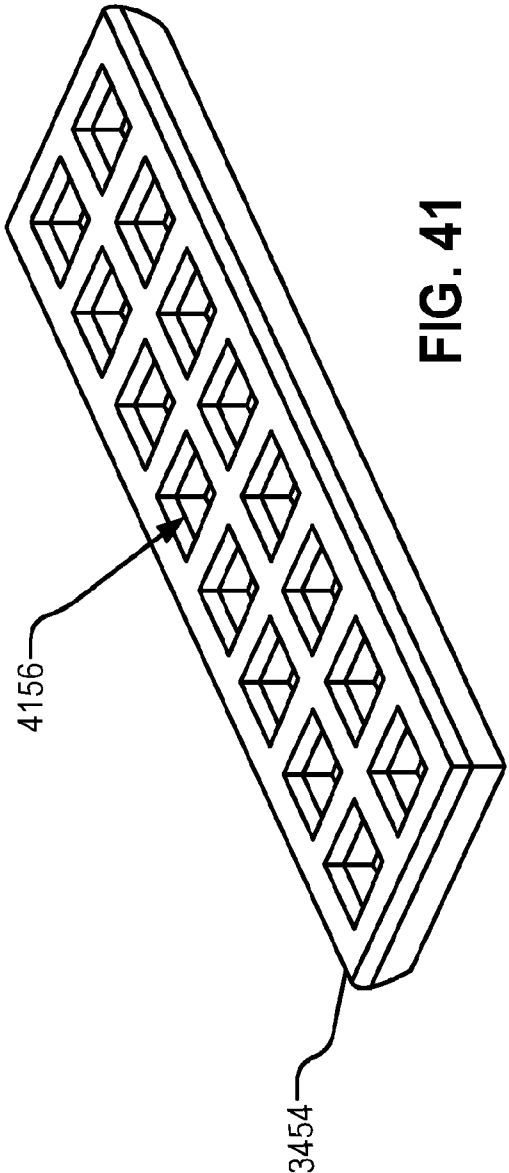
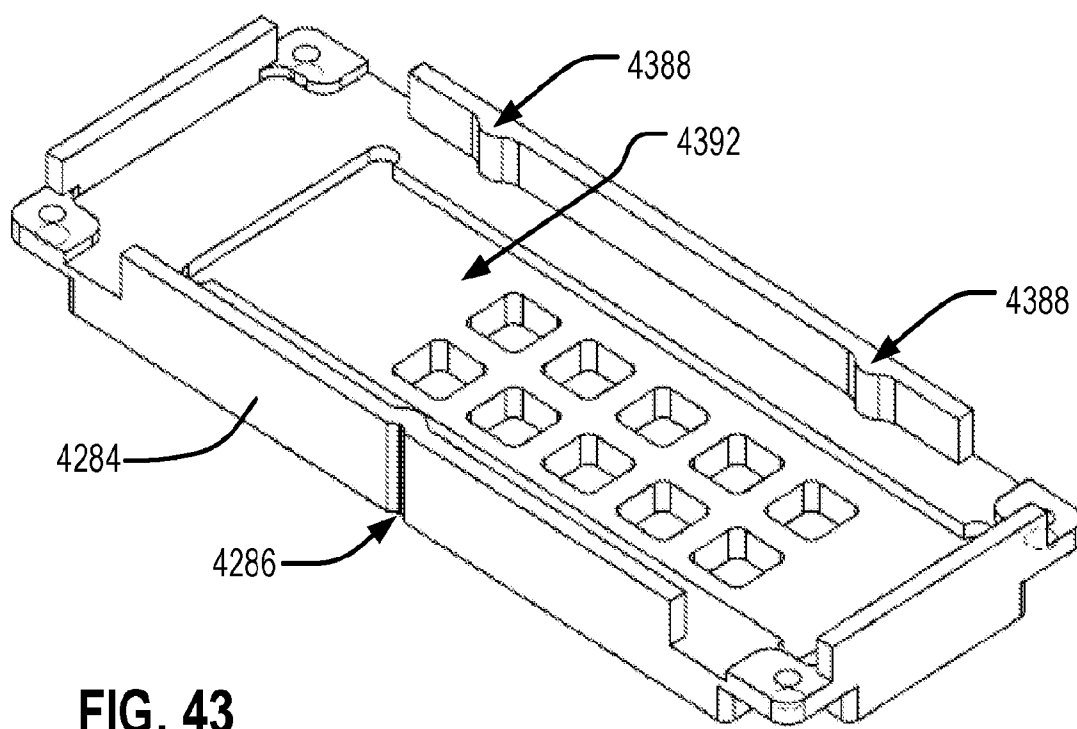
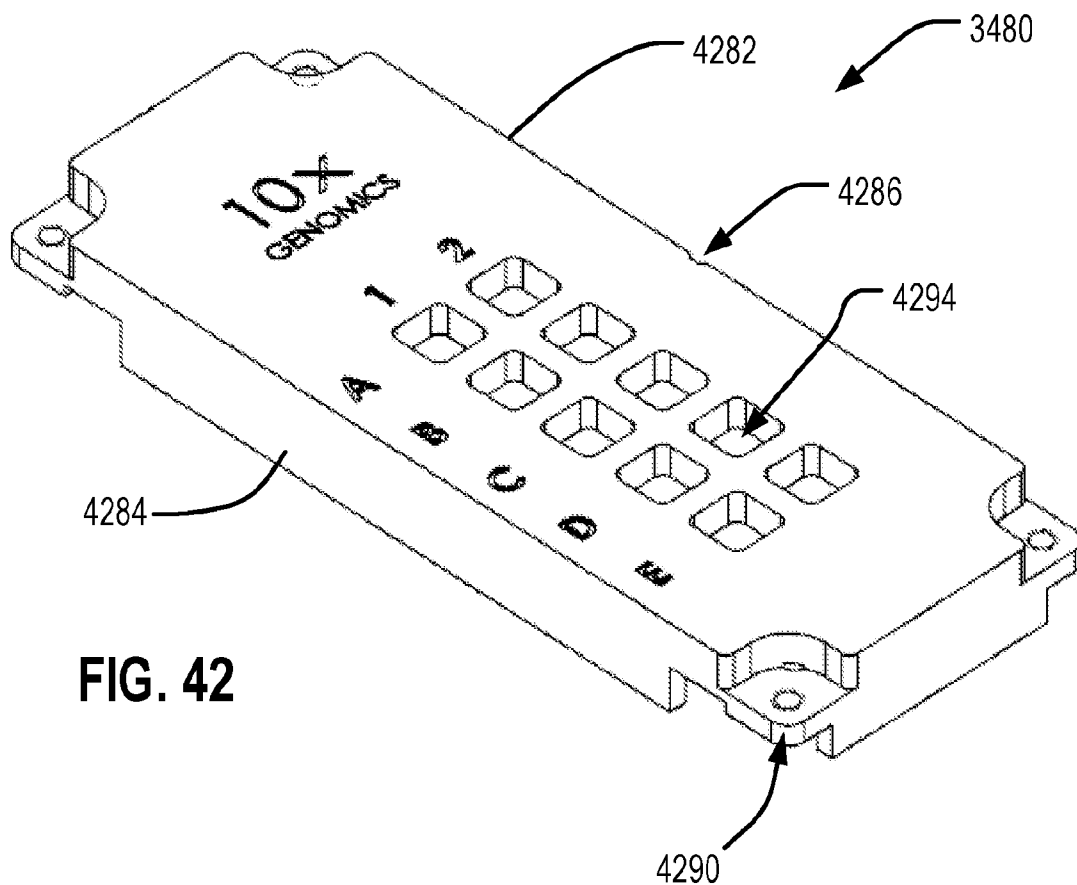
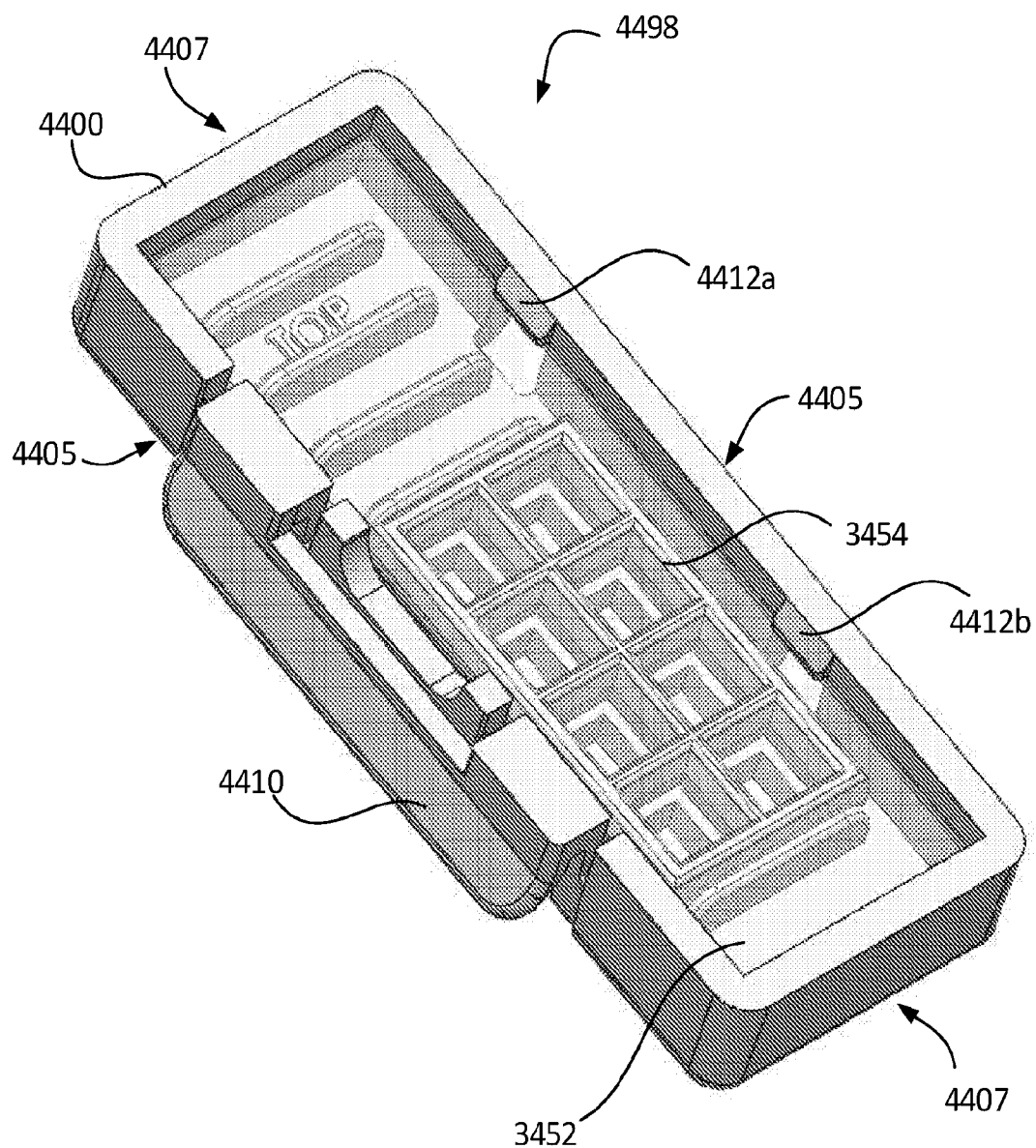


FIG. 41

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**FIG. 44A**

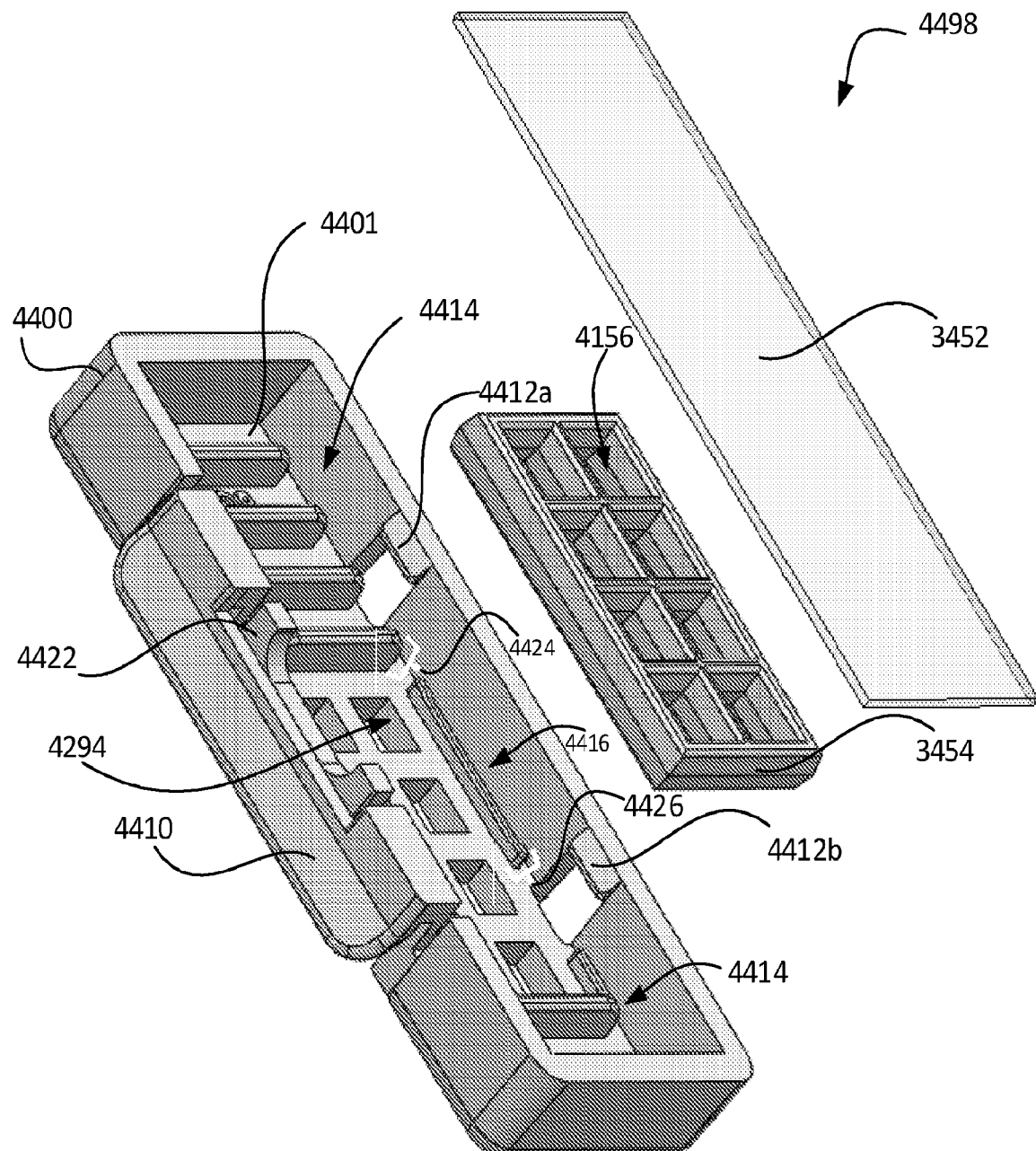
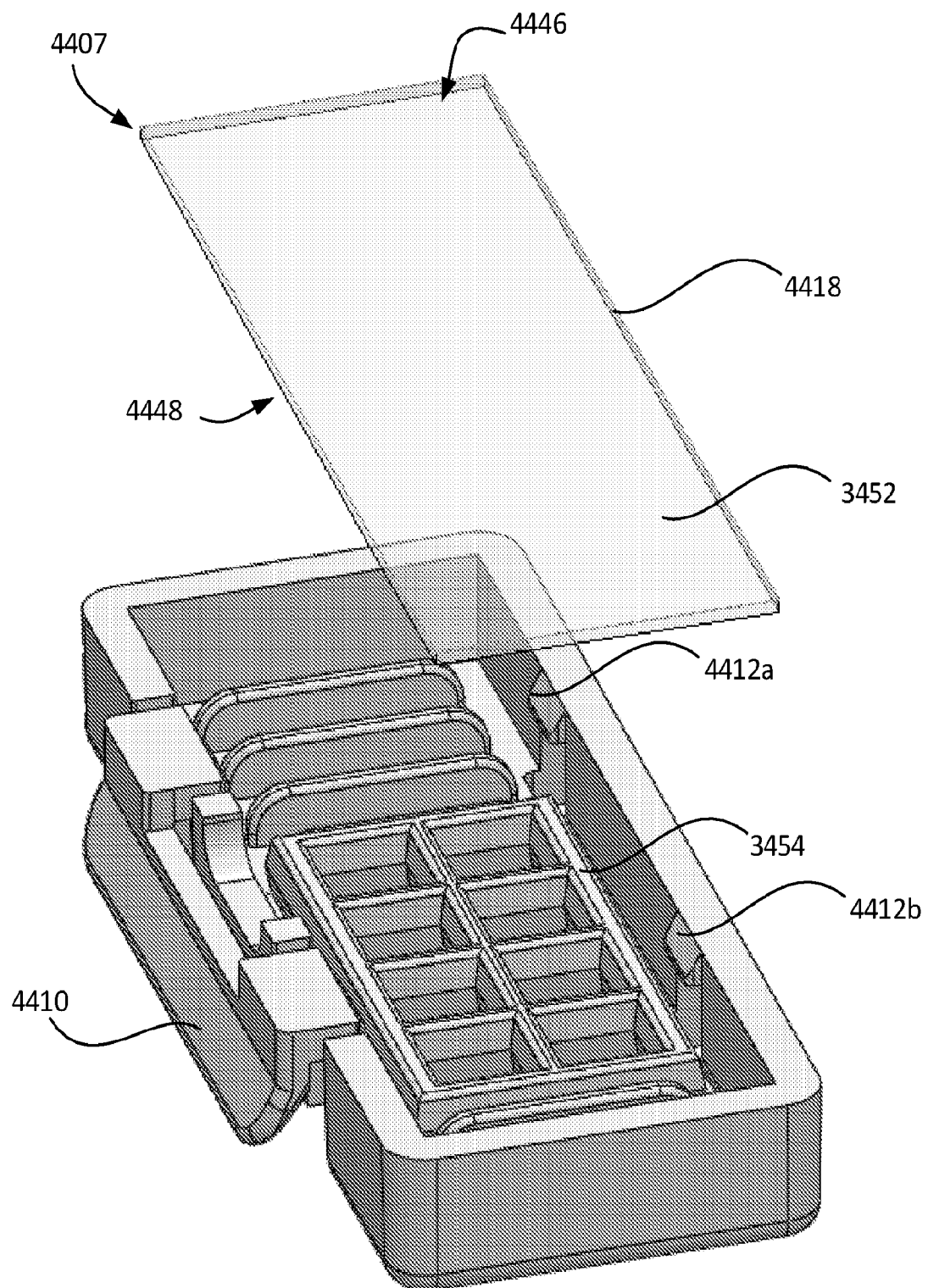
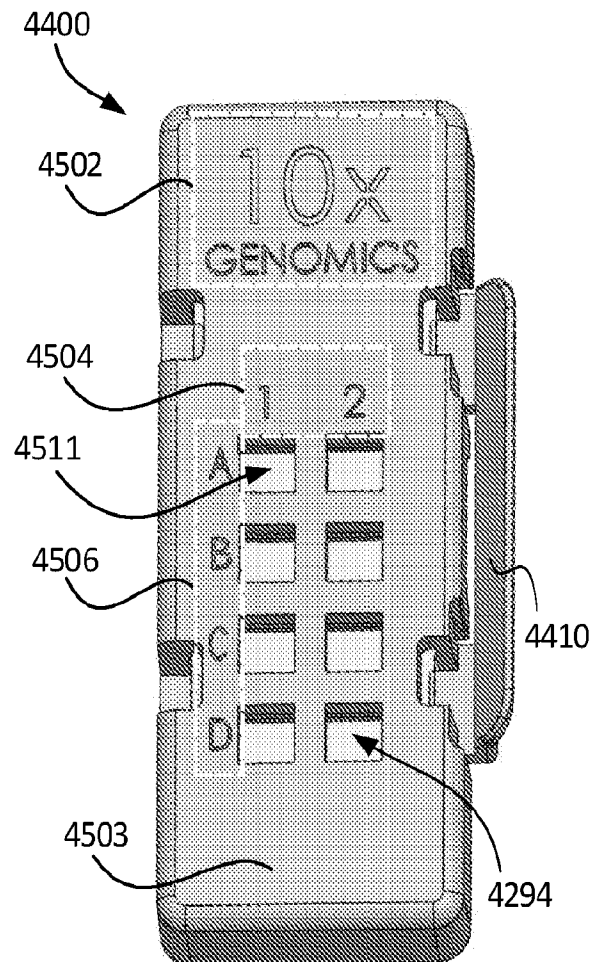


FIG. 44B

**FIG. 44C**

**FIG. 45A**

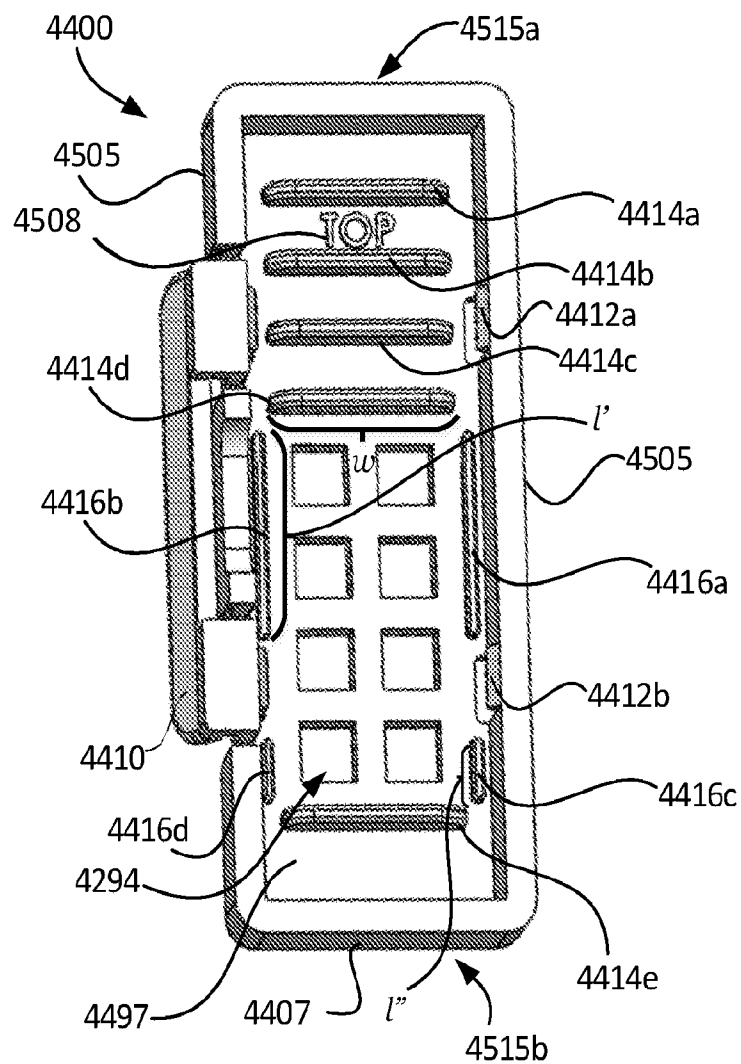


FIG. 45B

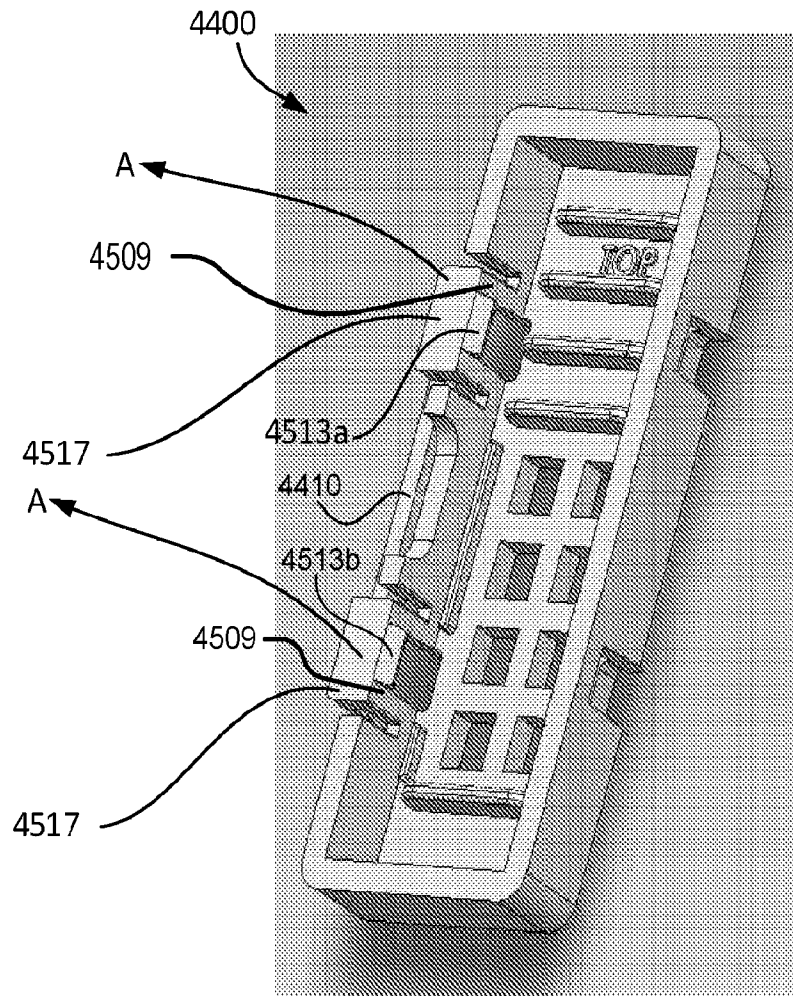


FIG. 45C

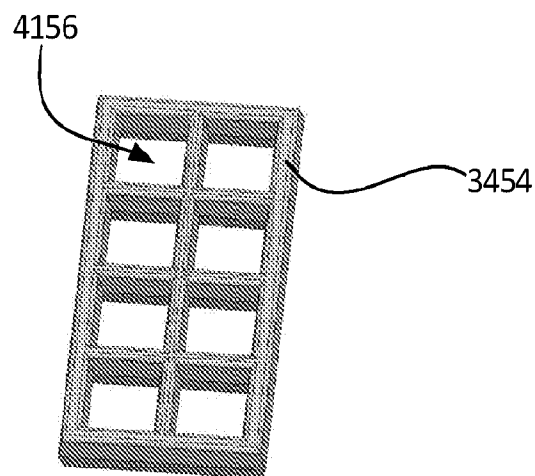
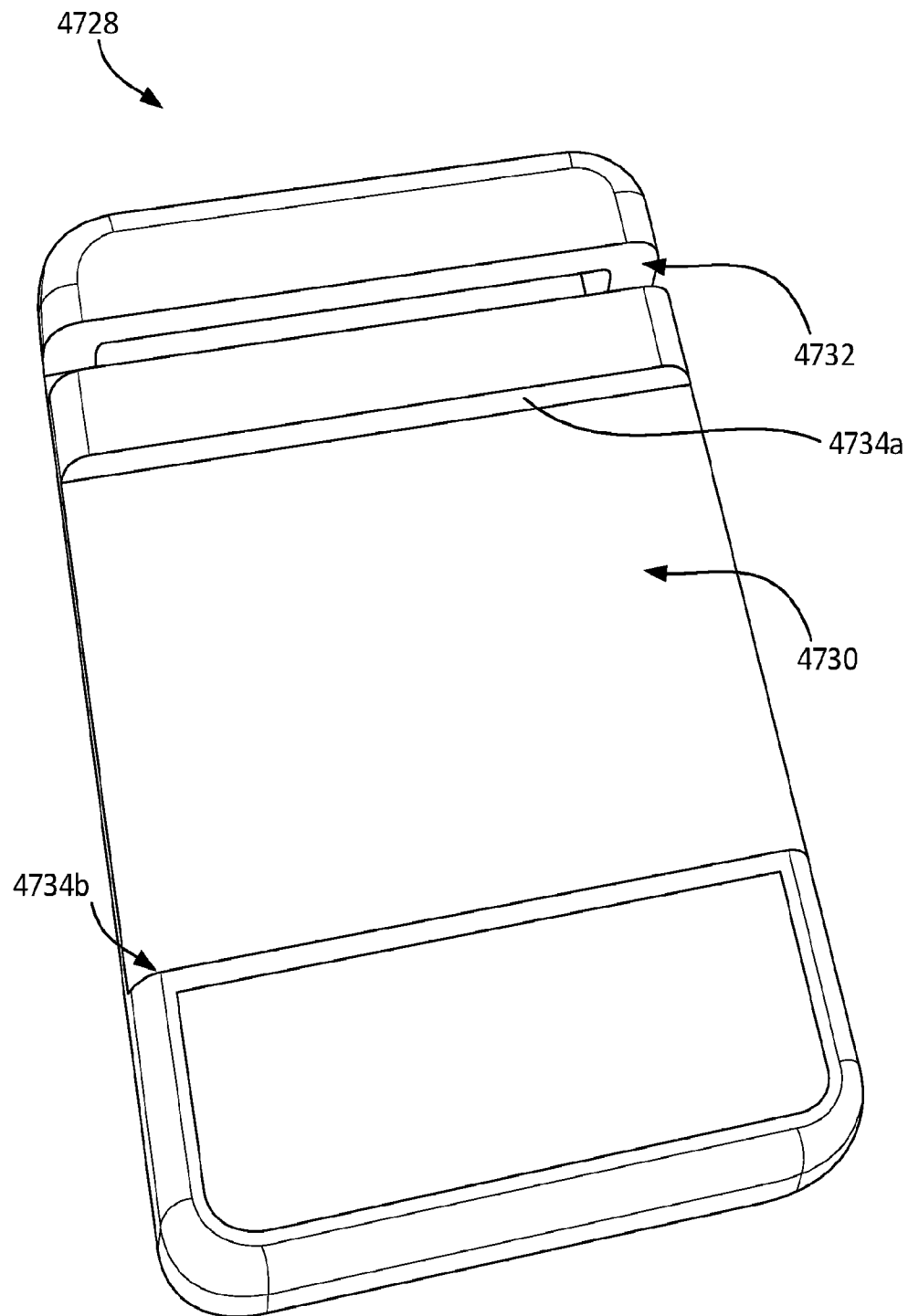
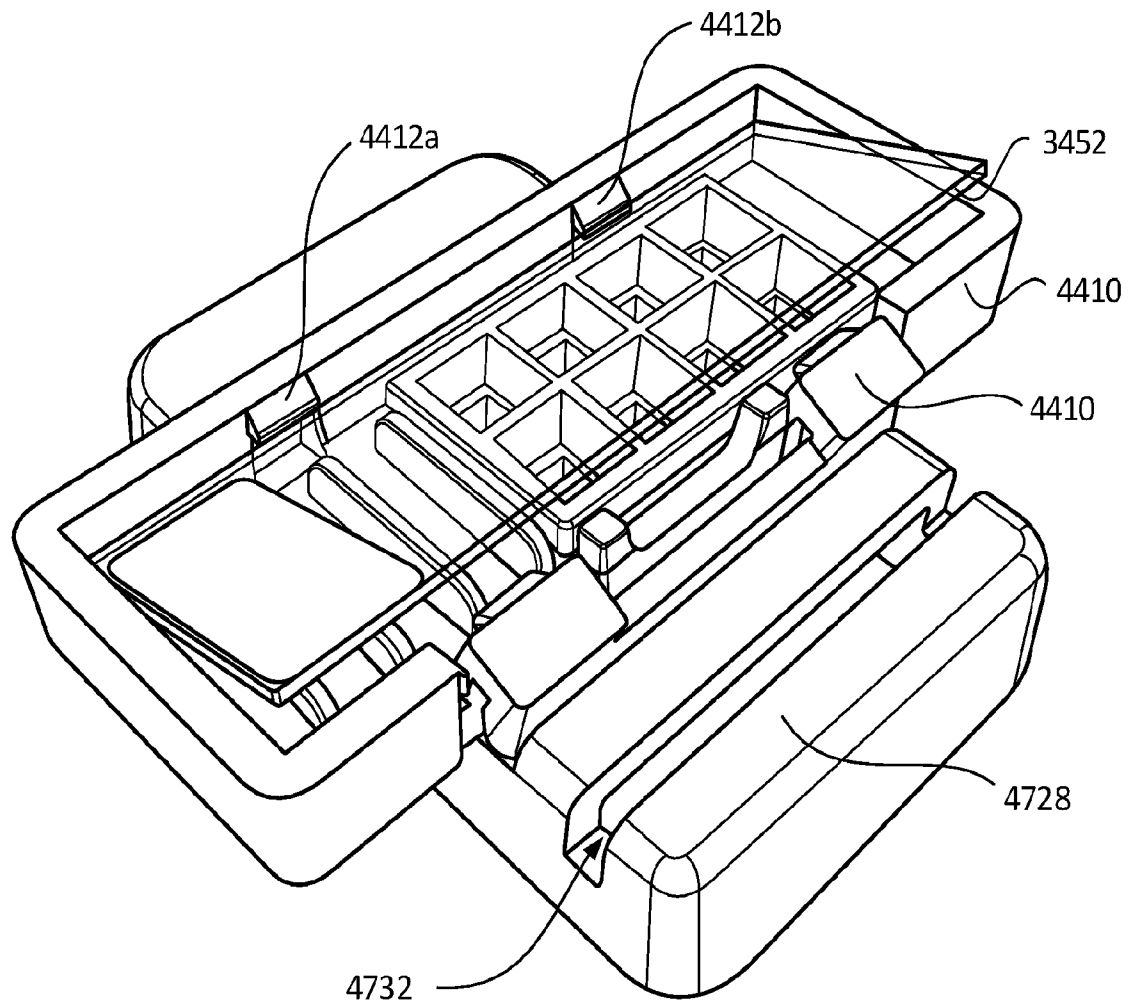


FIG. 46

**FIG. 47**

**FIG. 48A**

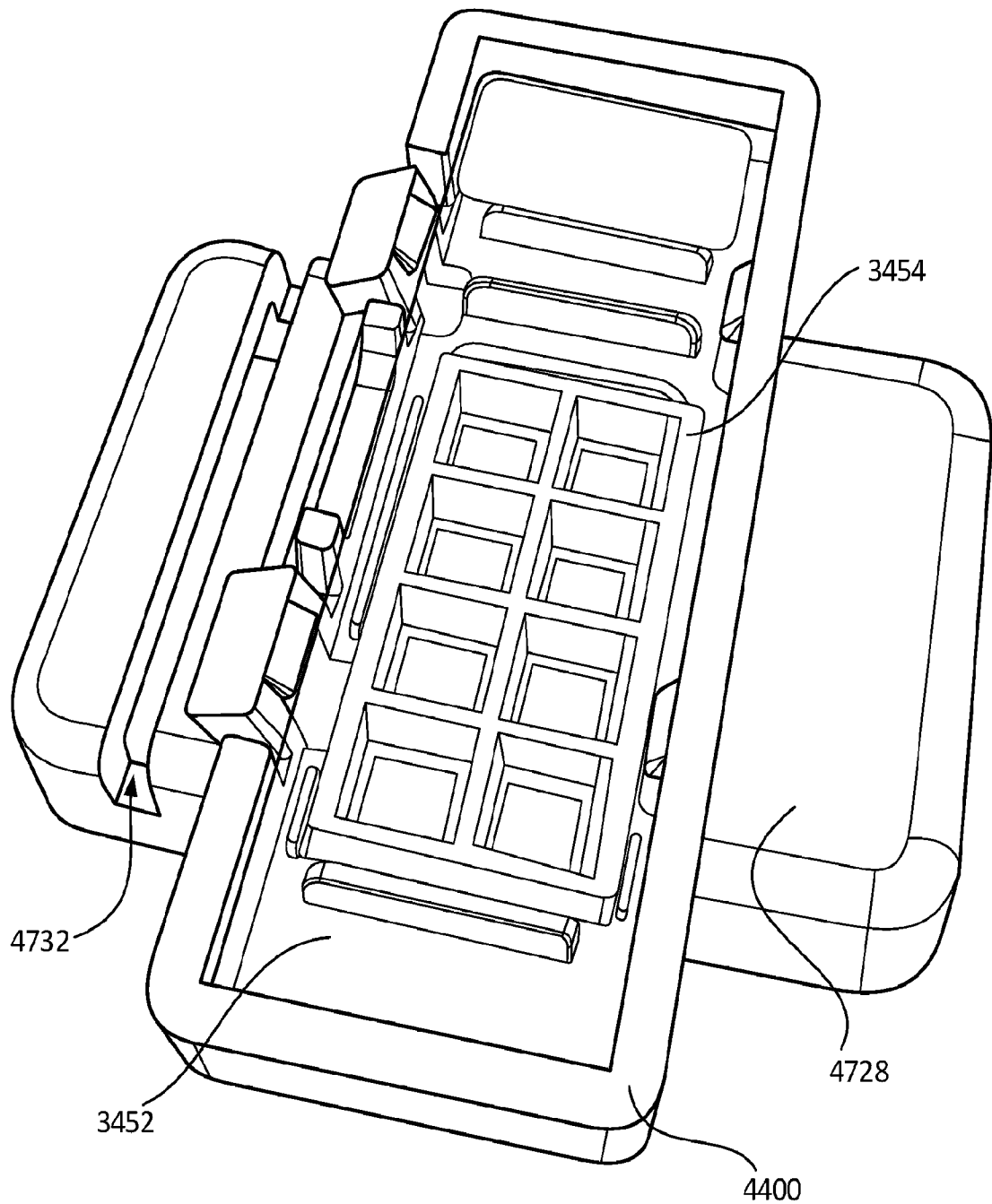


FIG. 48B

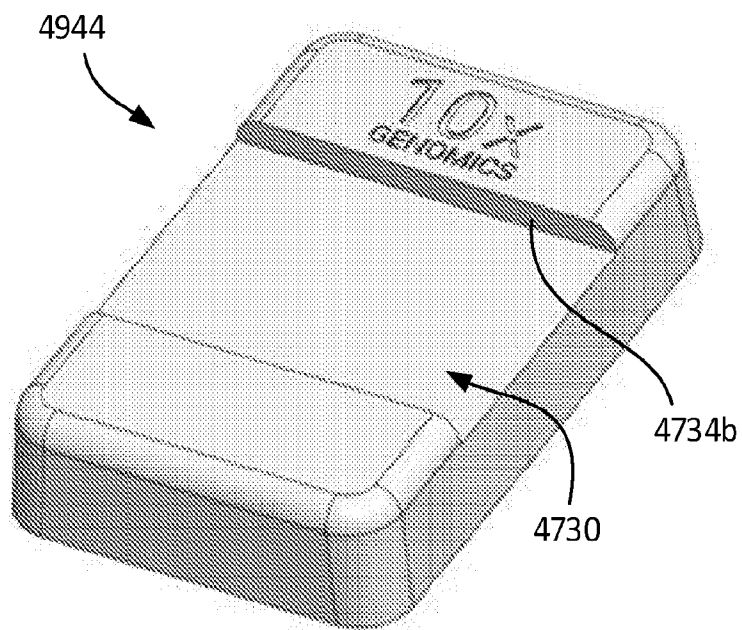


FIG. 49A

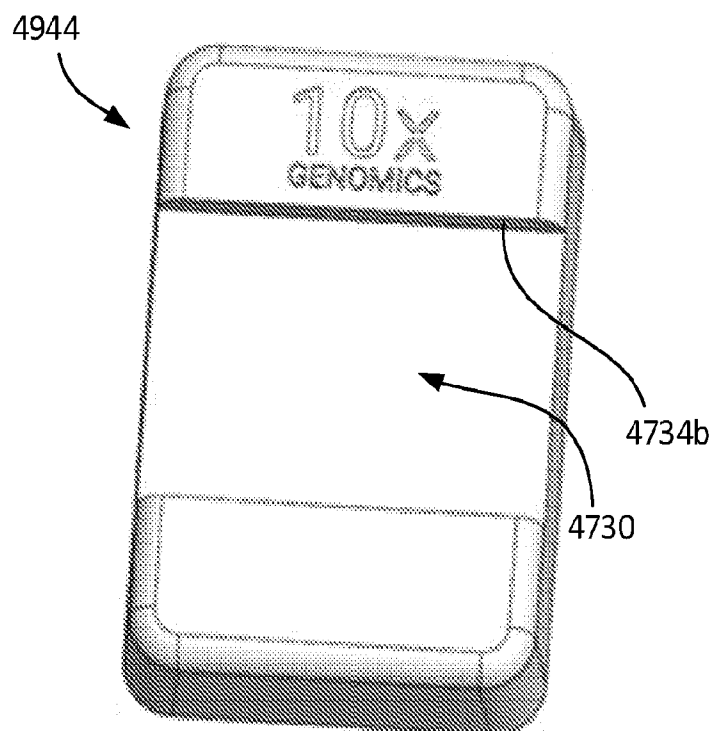


FIG. 49B

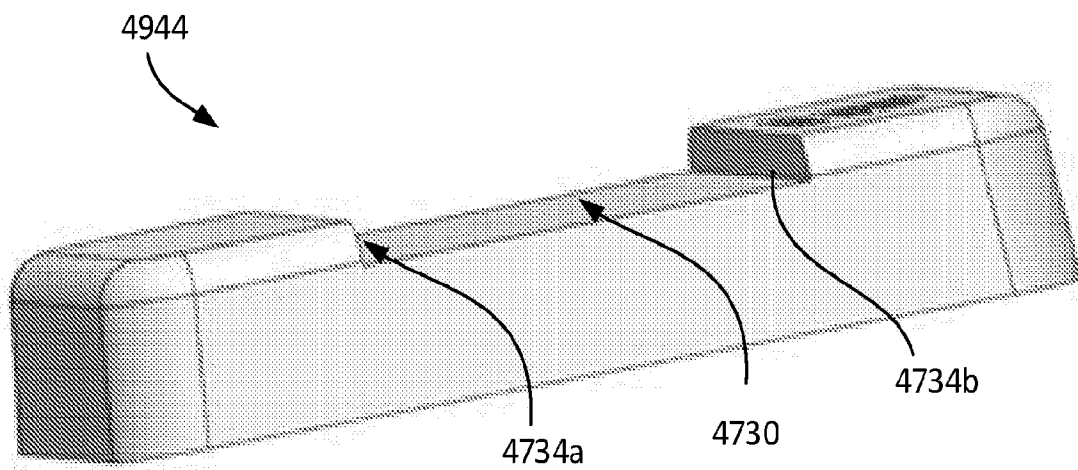


FIG. 49C

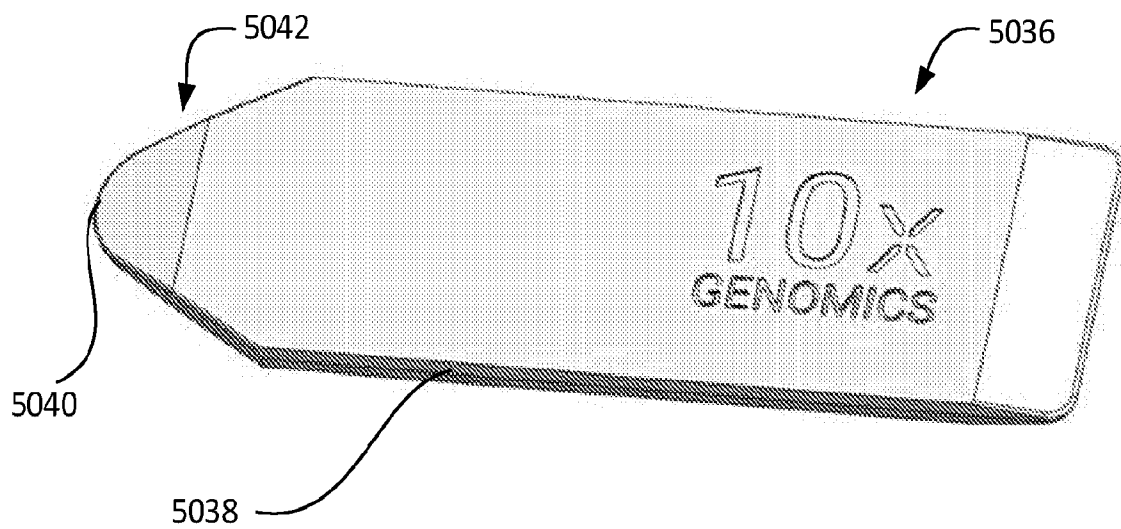


FIG. 50A

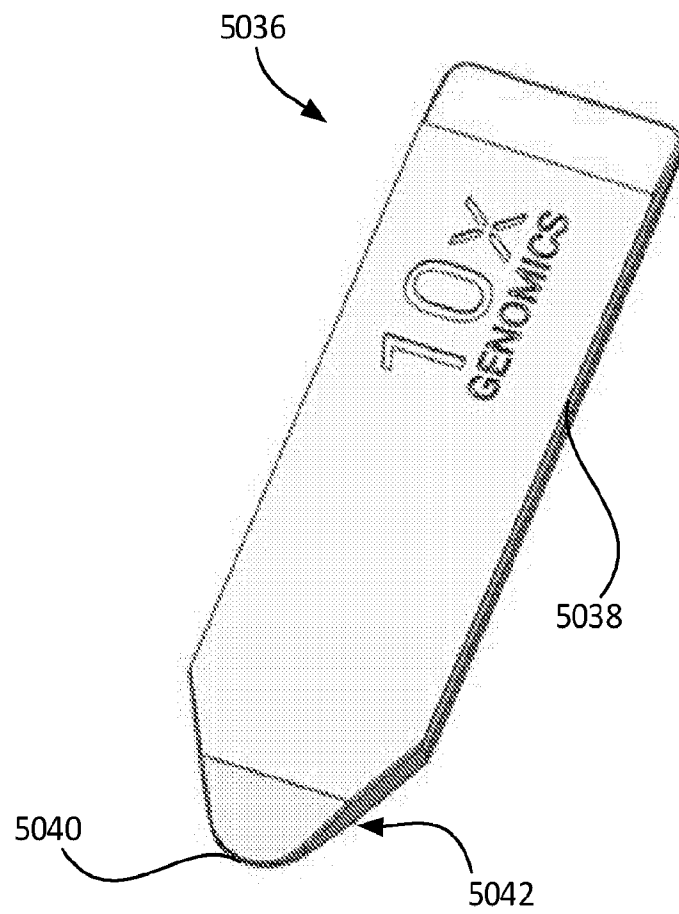


FIG. 50B

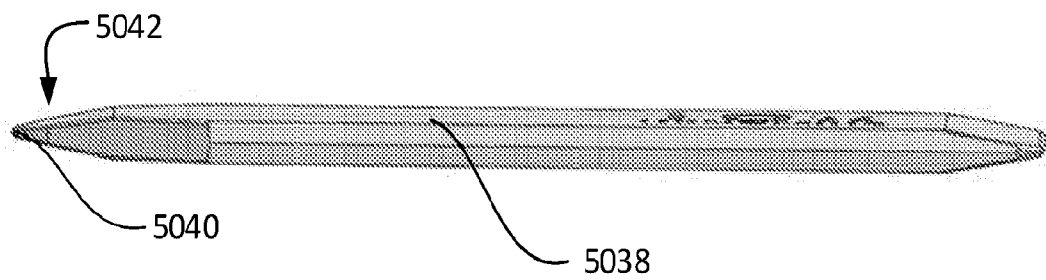


FIG. 50C

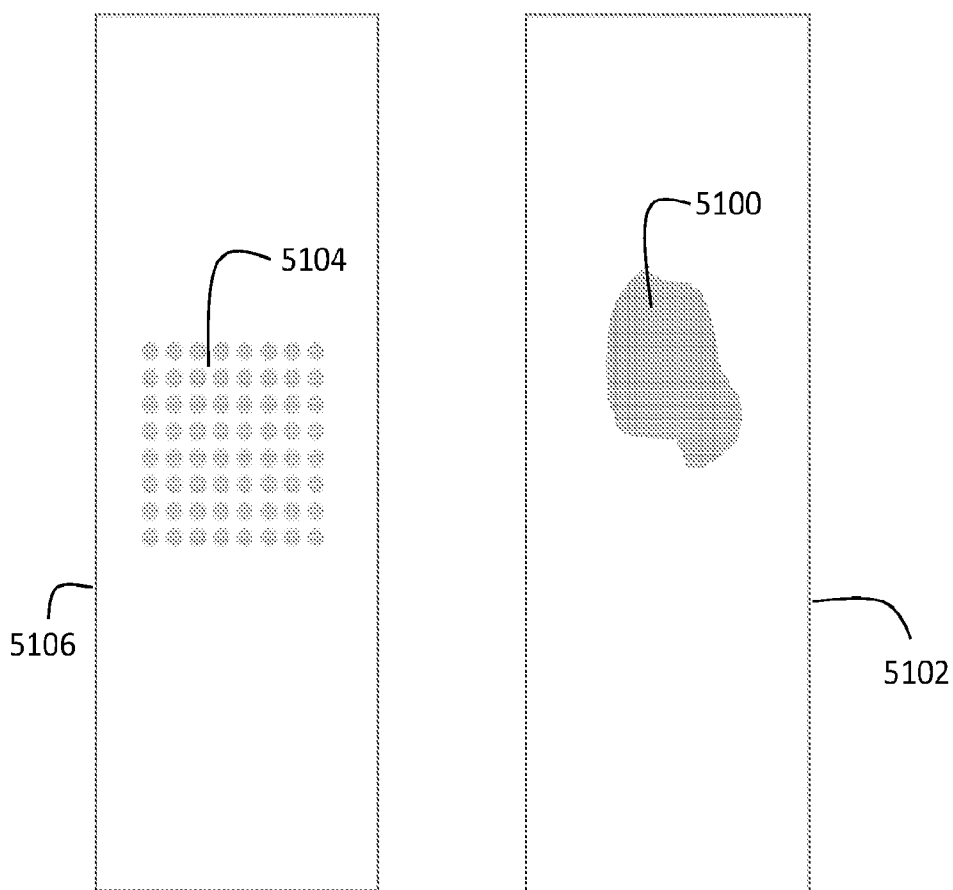


FIG. 51

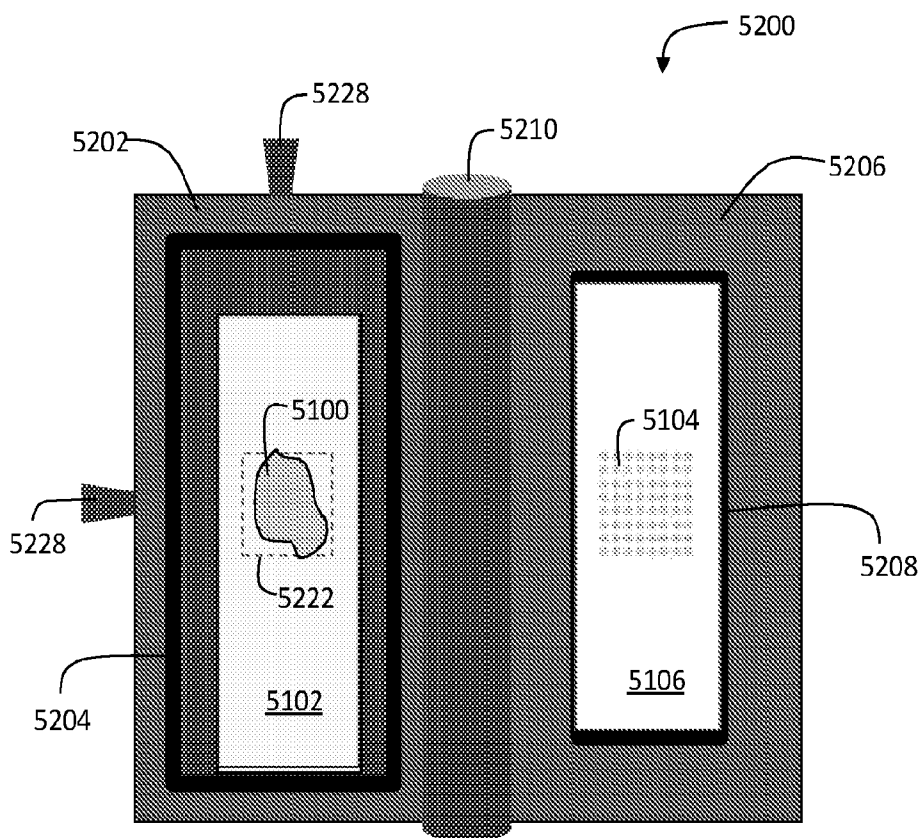


FIG. 52A

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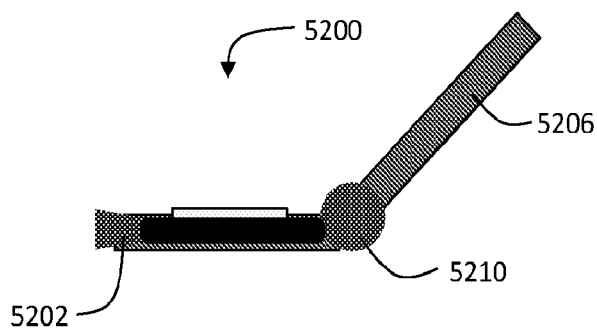


FIG. 52B

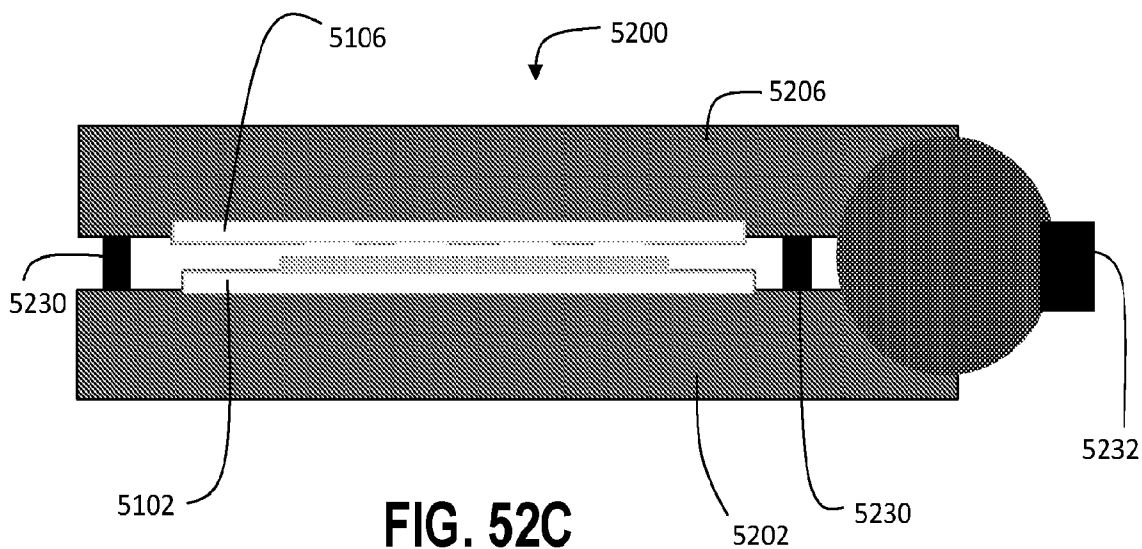


FIG. 52C

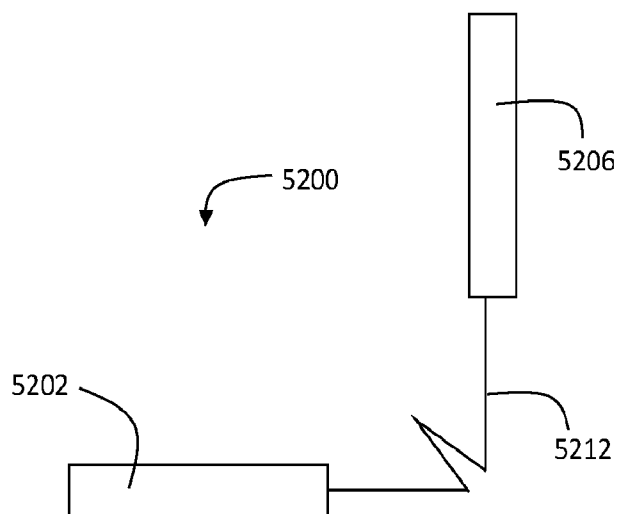


FIG. 52D

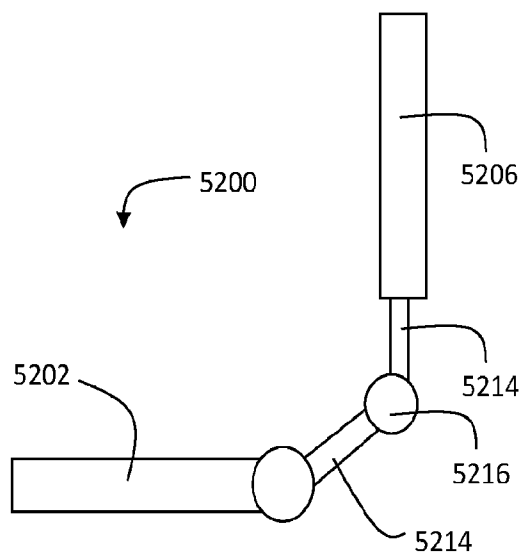


FIG. 52E

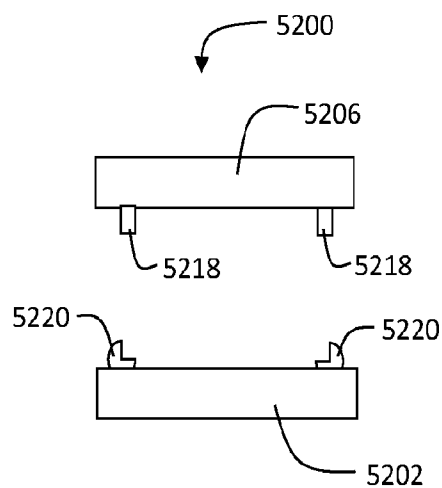


FIG. 52F

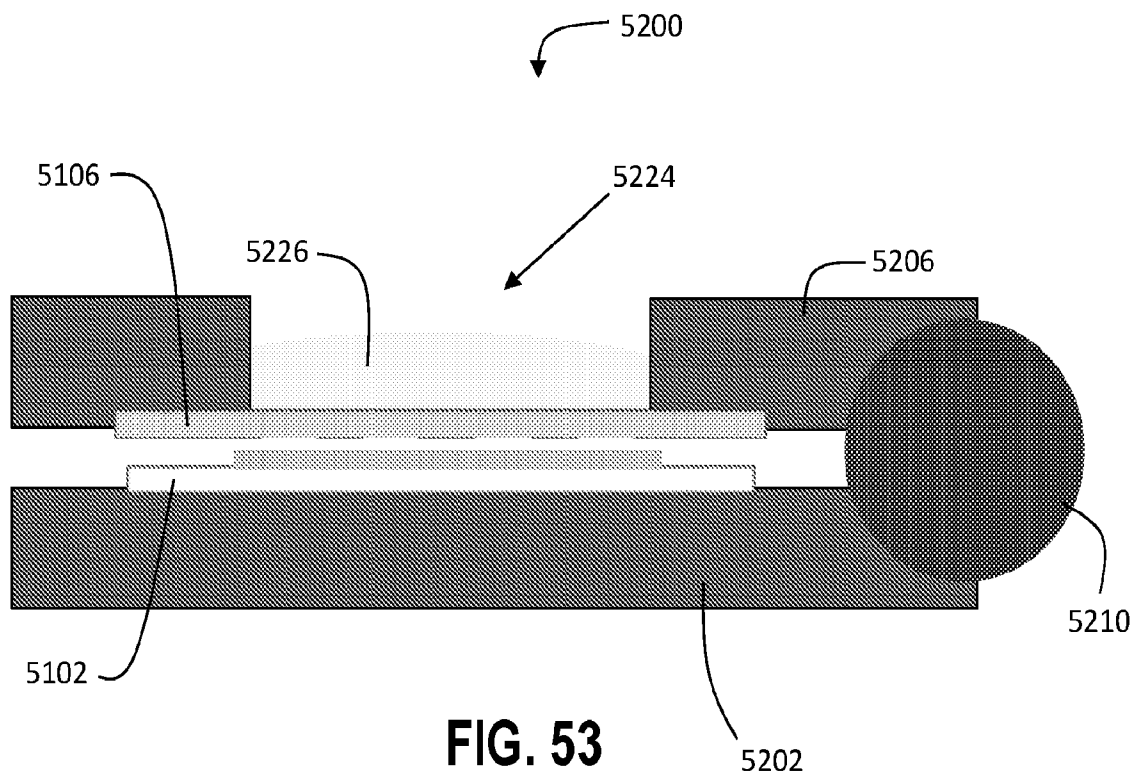
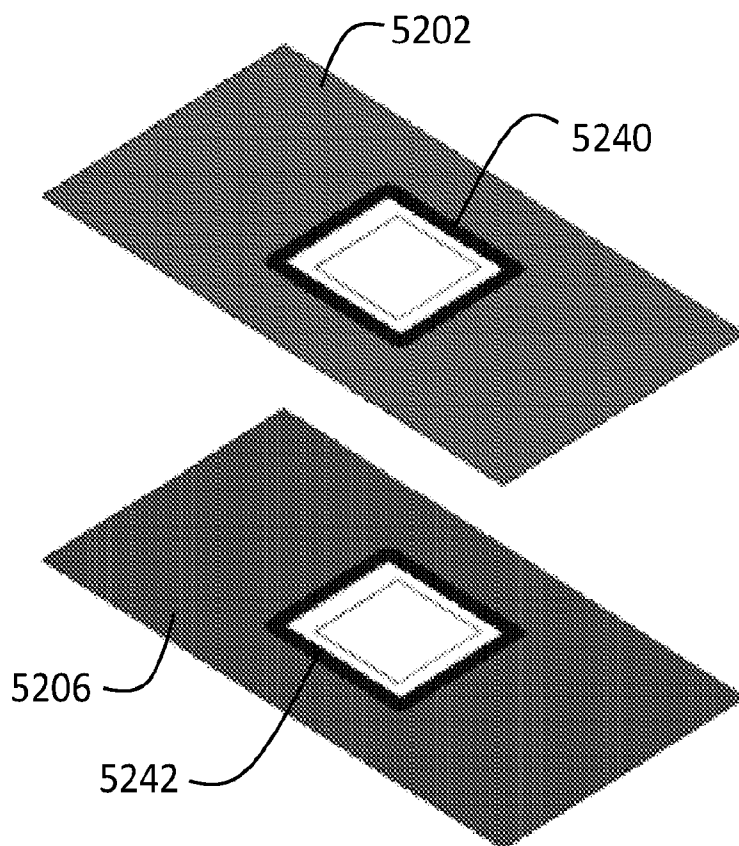
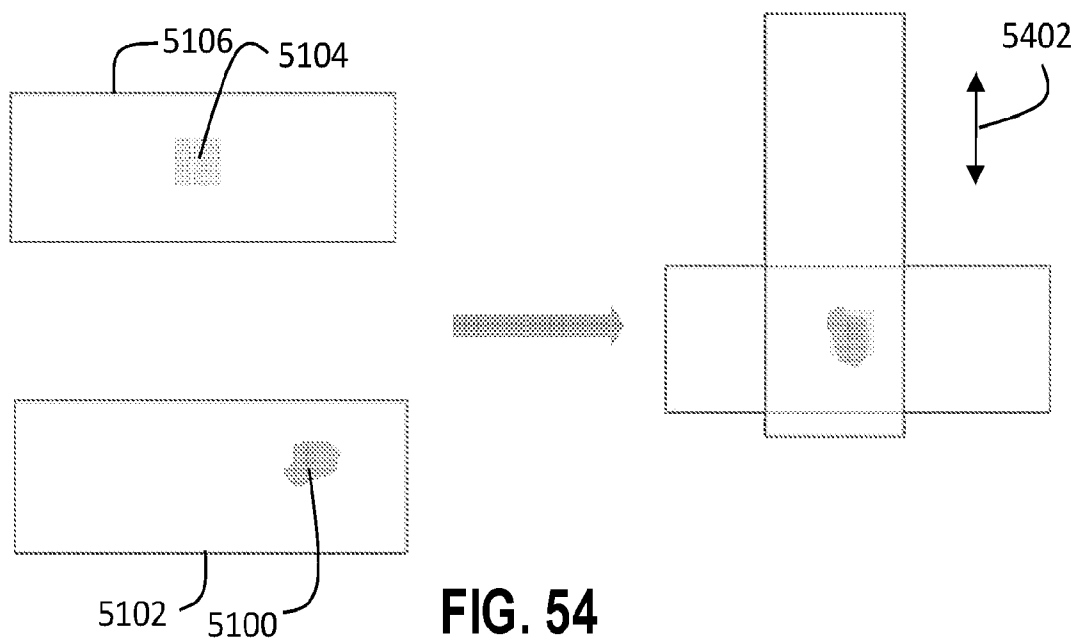


FIG. 53



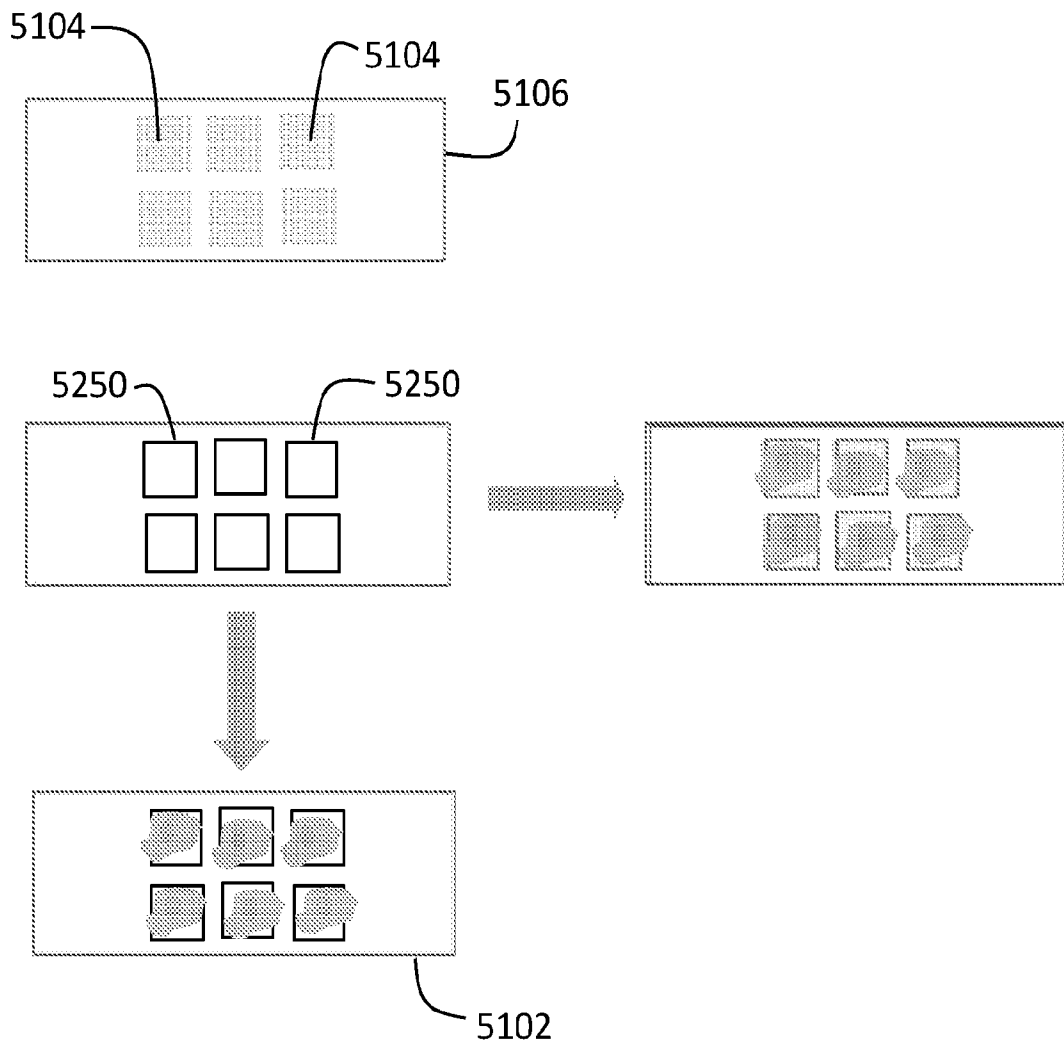
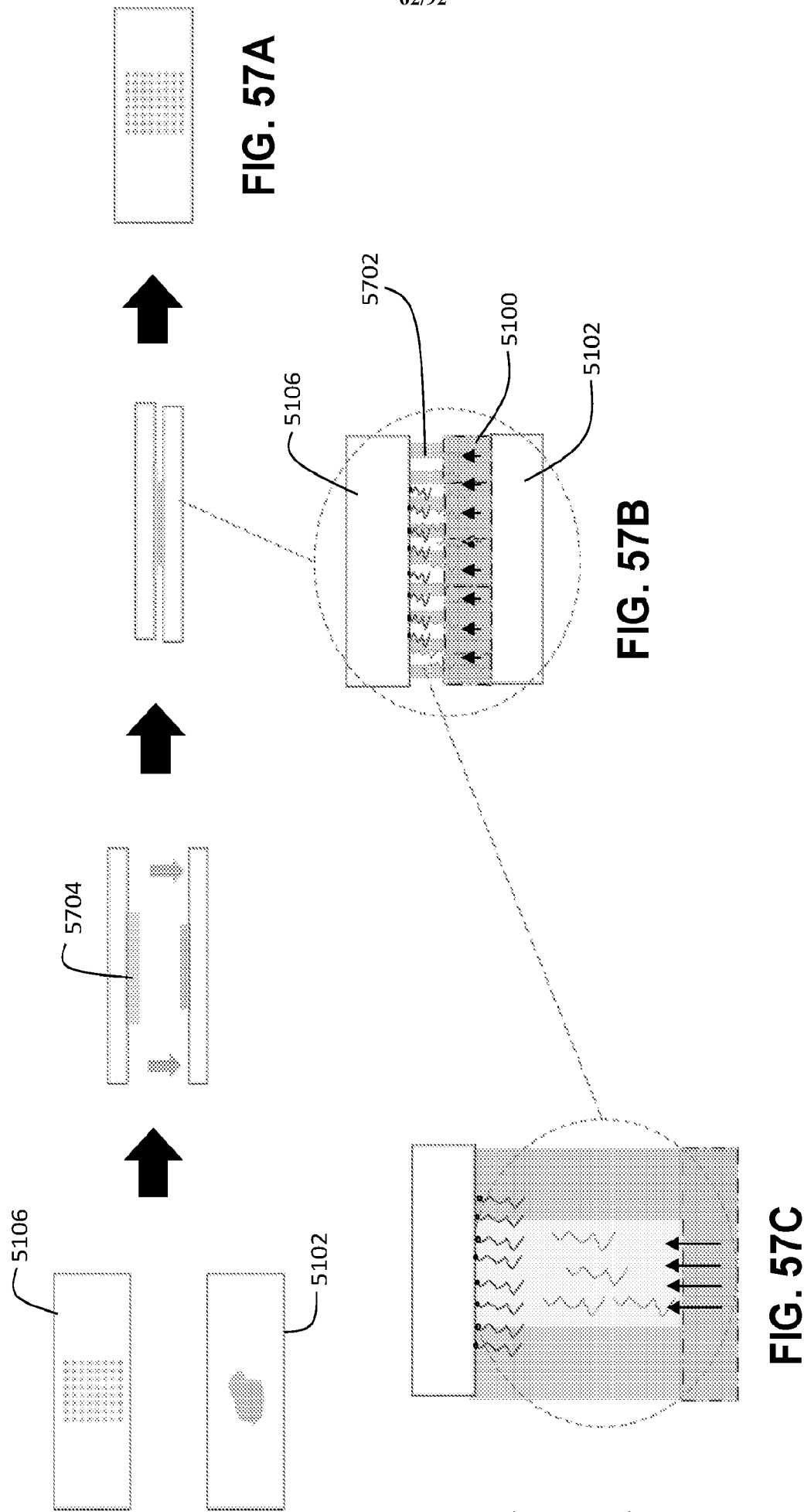


FIG. 56



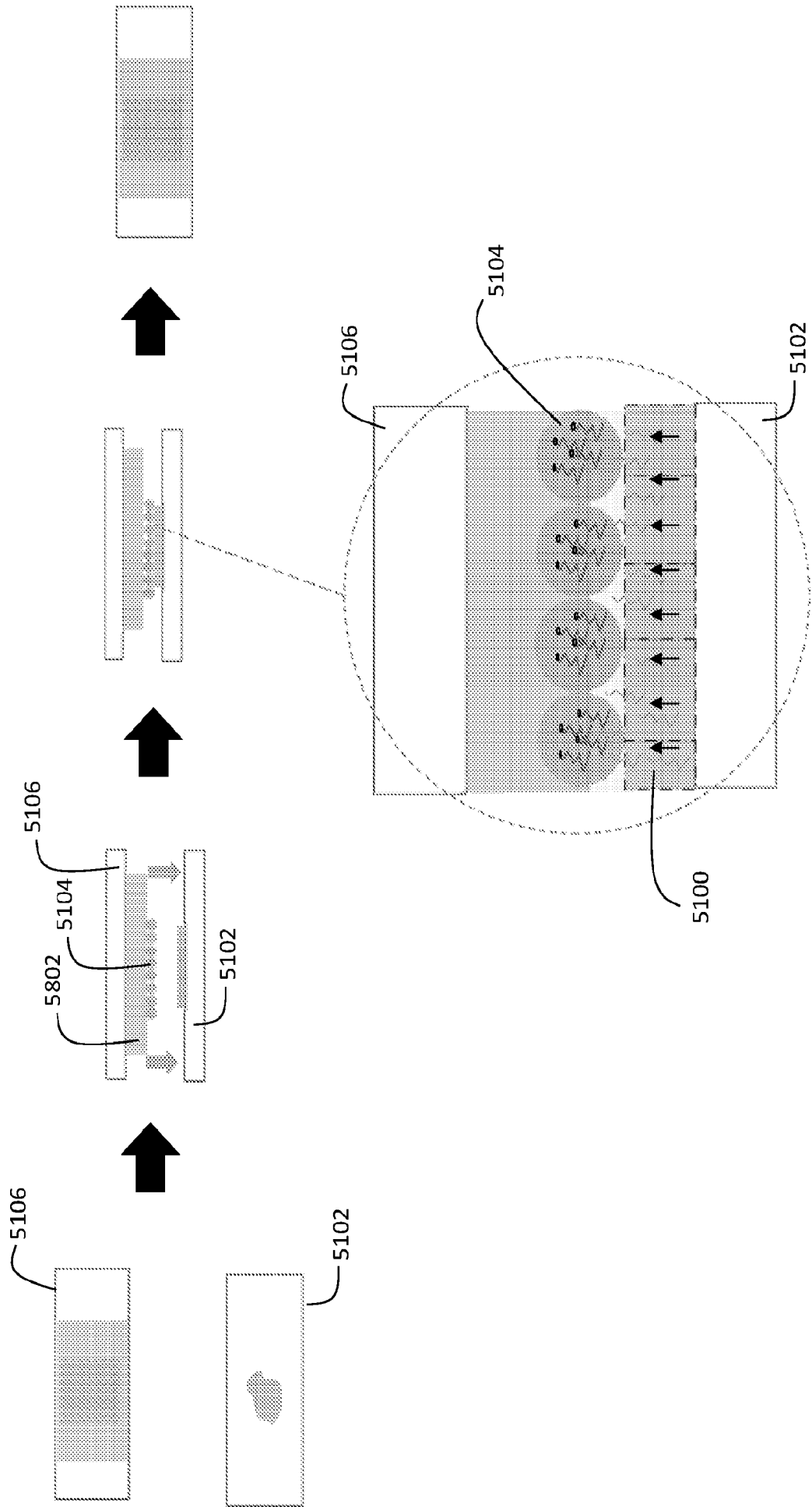


FIG. 58

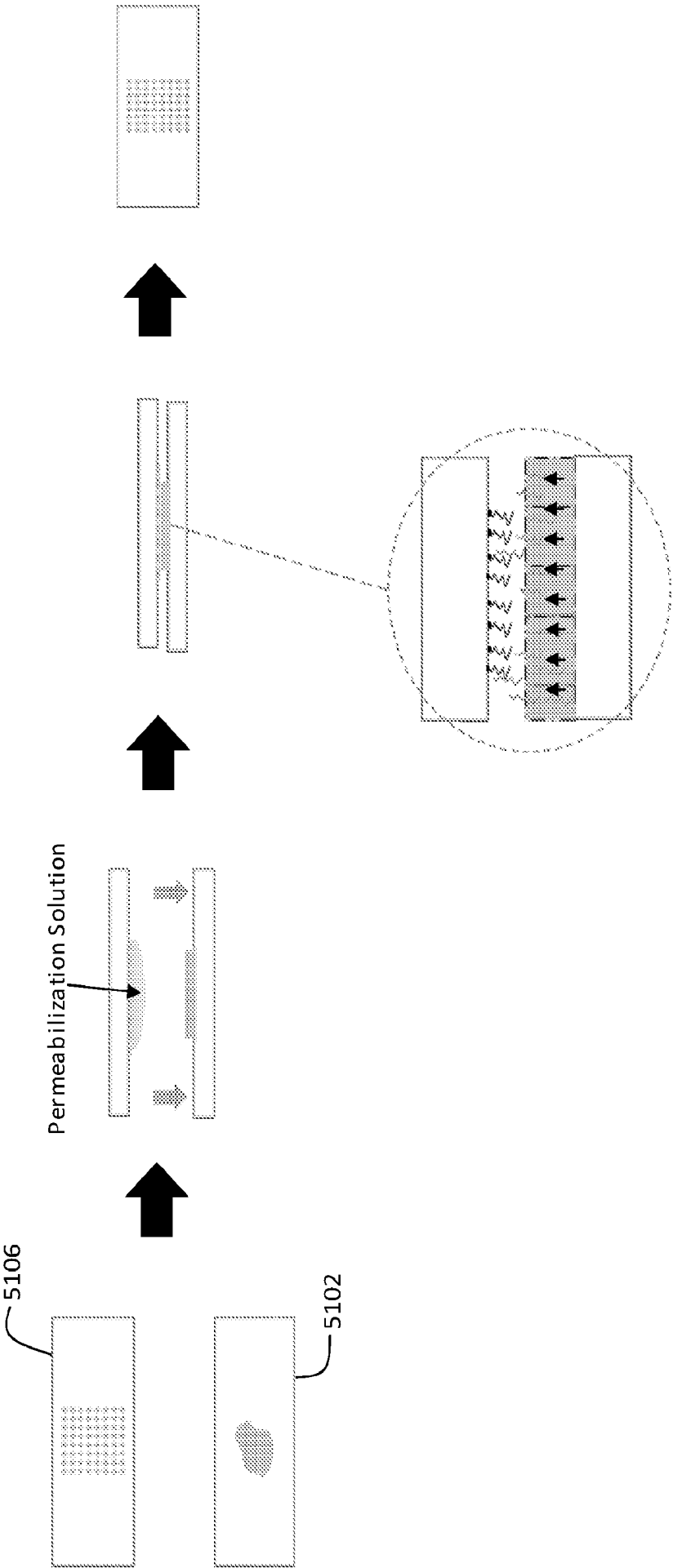
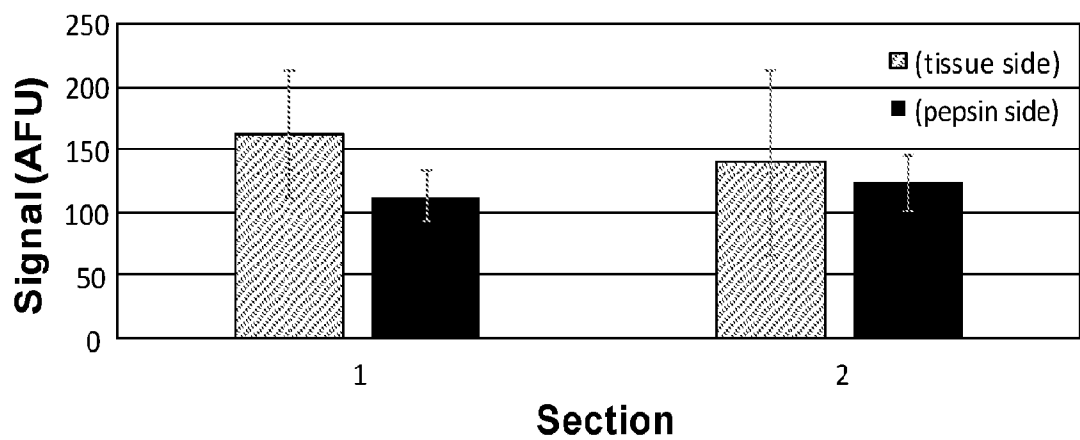
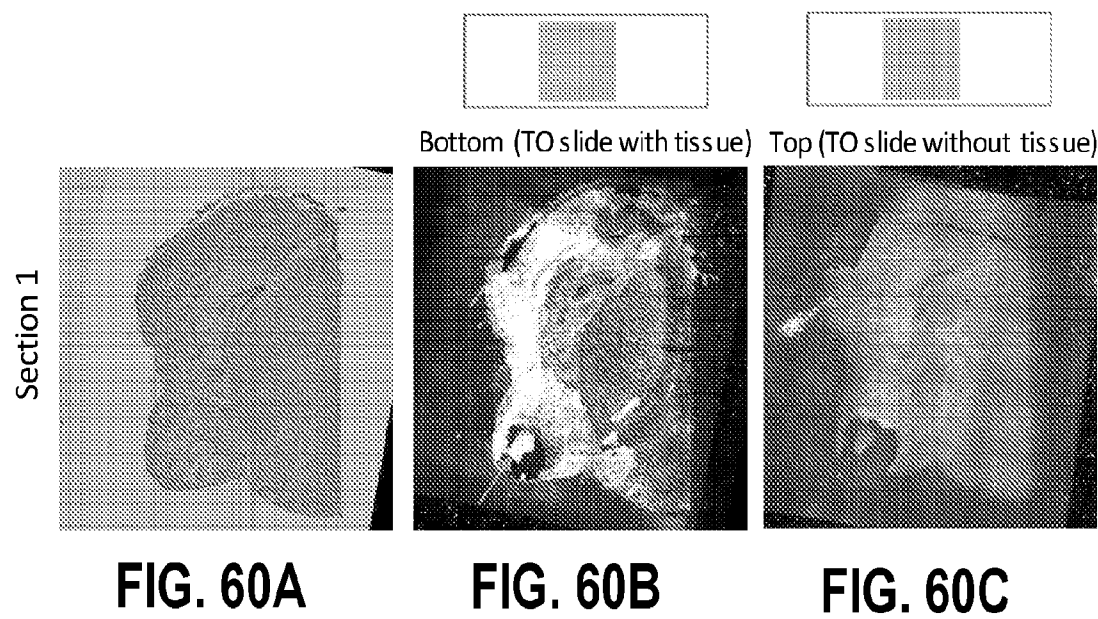


FIG. 59



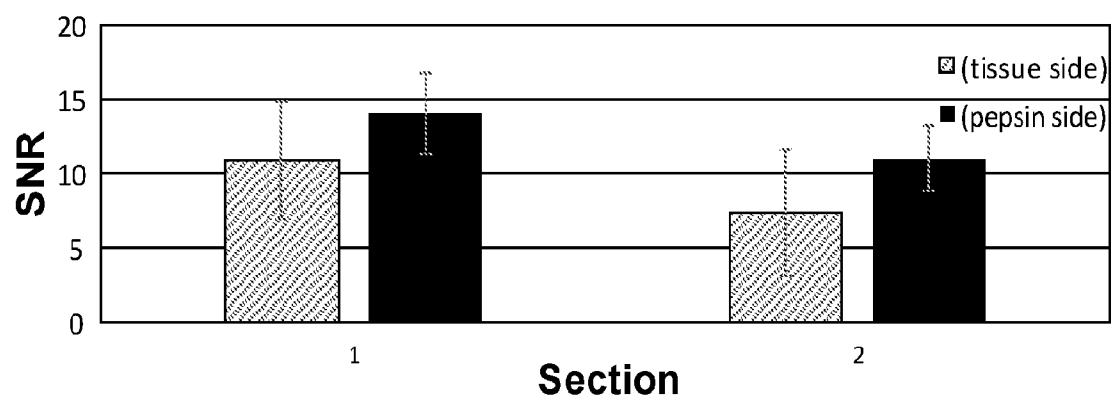
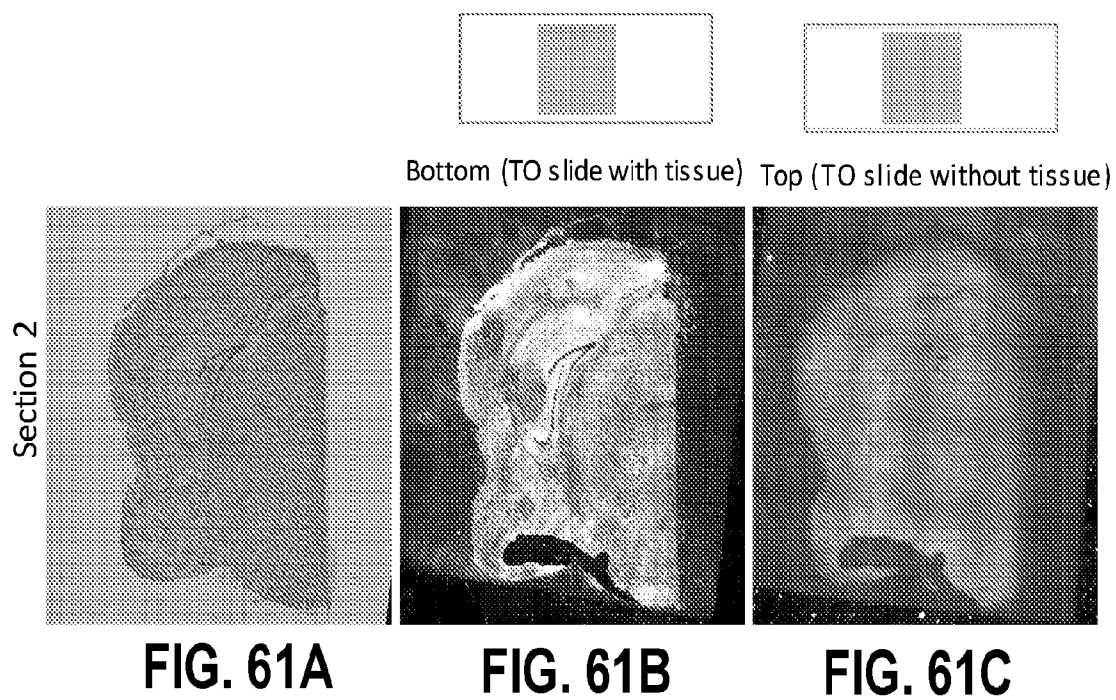


FIG. 61D

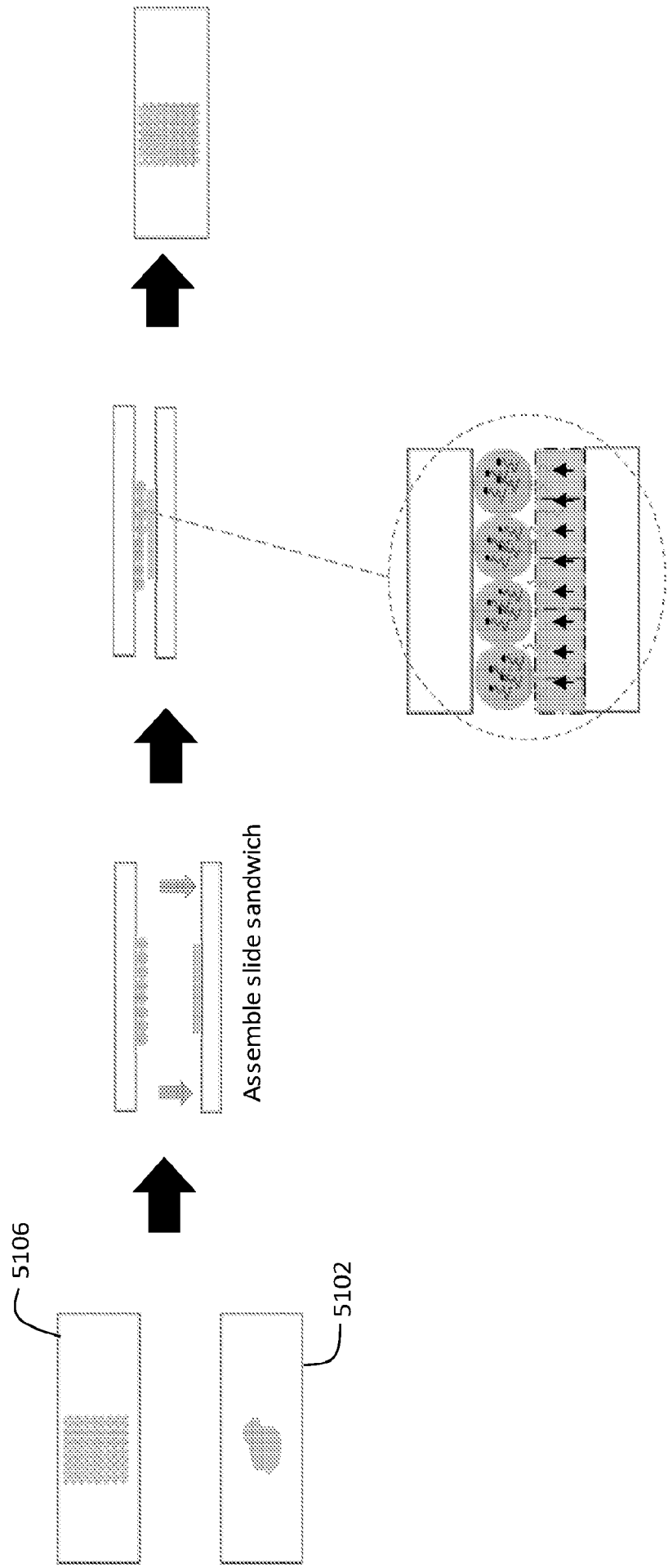


FIG. 62

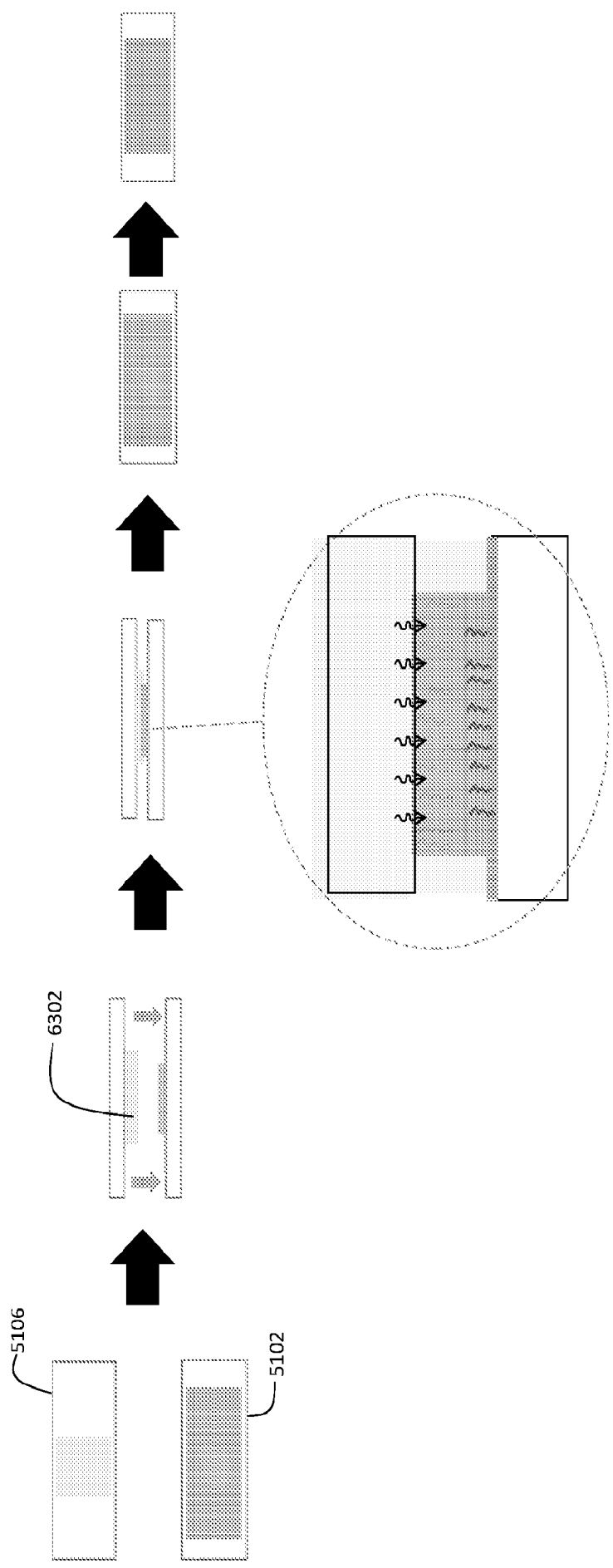


FIG. 63

Condition 1 (controls)
Condition 2
Condition 3
Condition 4
Condition 5

Bath permeabilization
(standard odin
protocol)
1x buffer 4x buffer

150 μ m gel
4x buffer

150 μ m gel
4x buffer

450 μ m gel
1x buffer

150 μ m gel
4x buffer

150 μ m gel
4x buffer

Gel film dried and then rehydrated in permeabilization buffer

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FIG. 64A

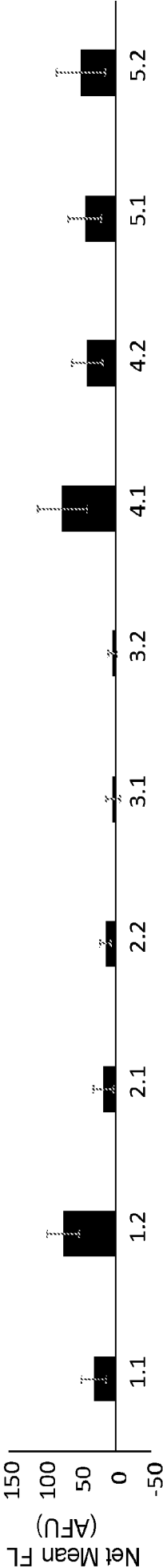


FIG. 64B

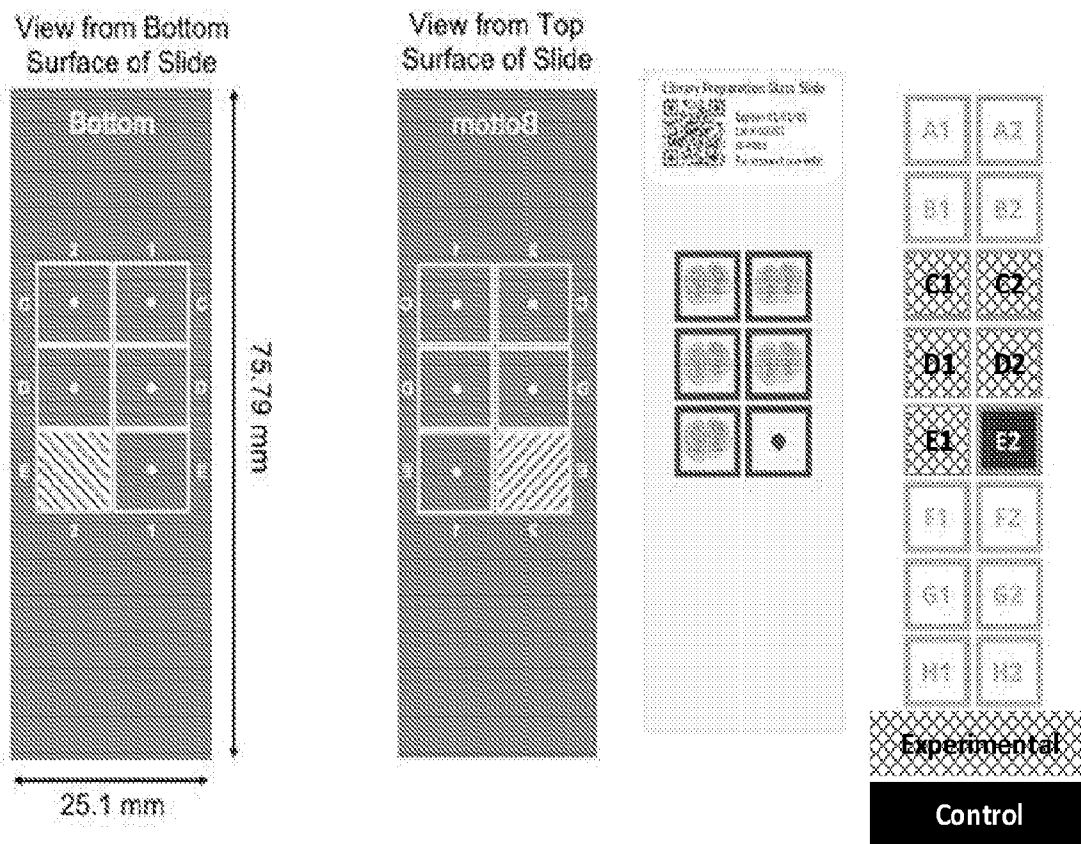


FIG. 65

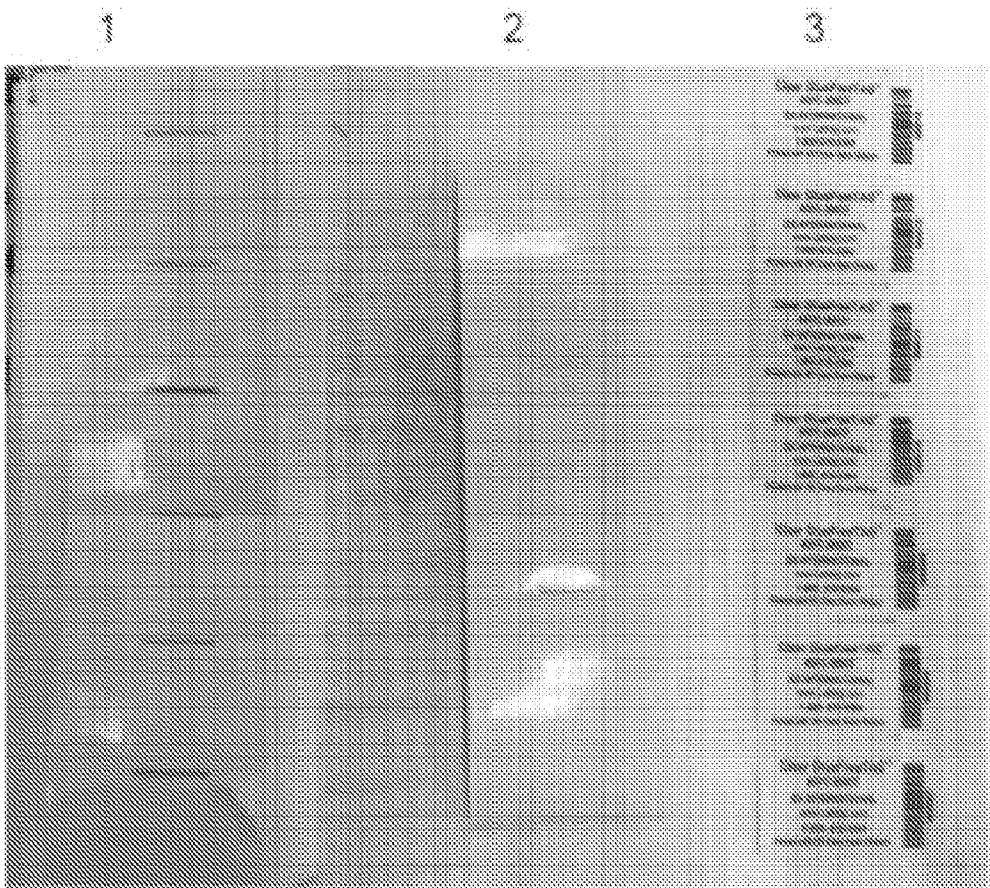


FIG. 66

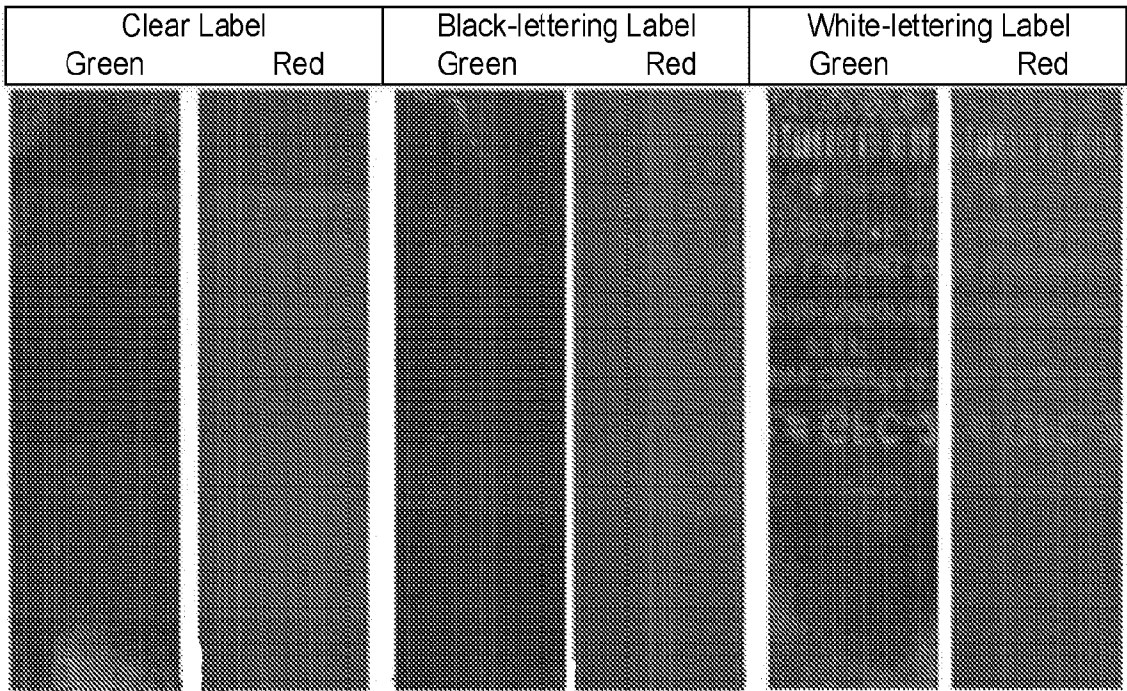
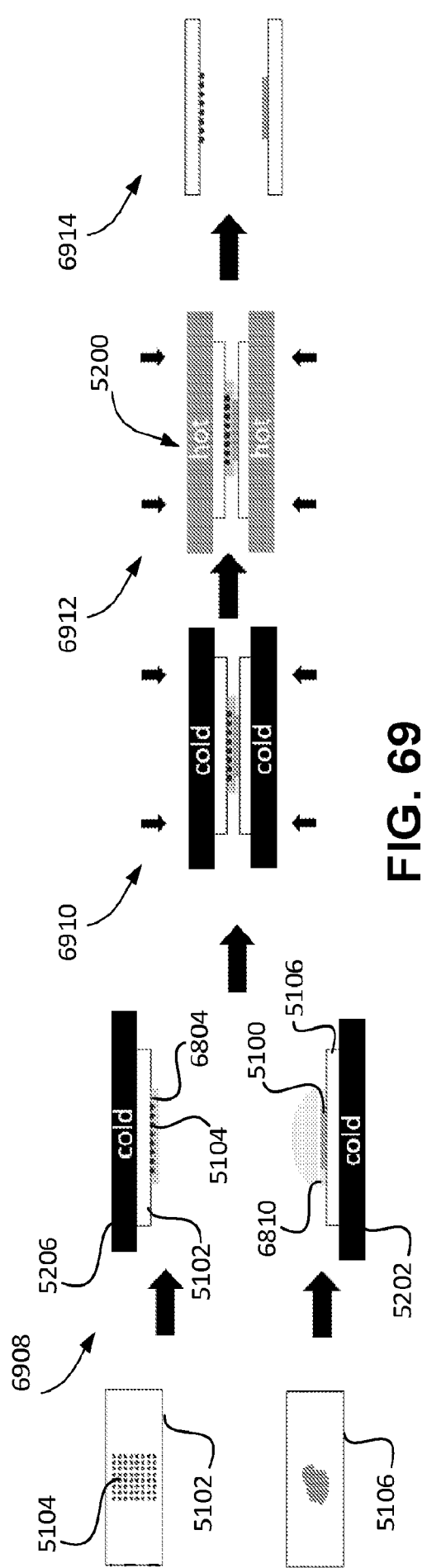
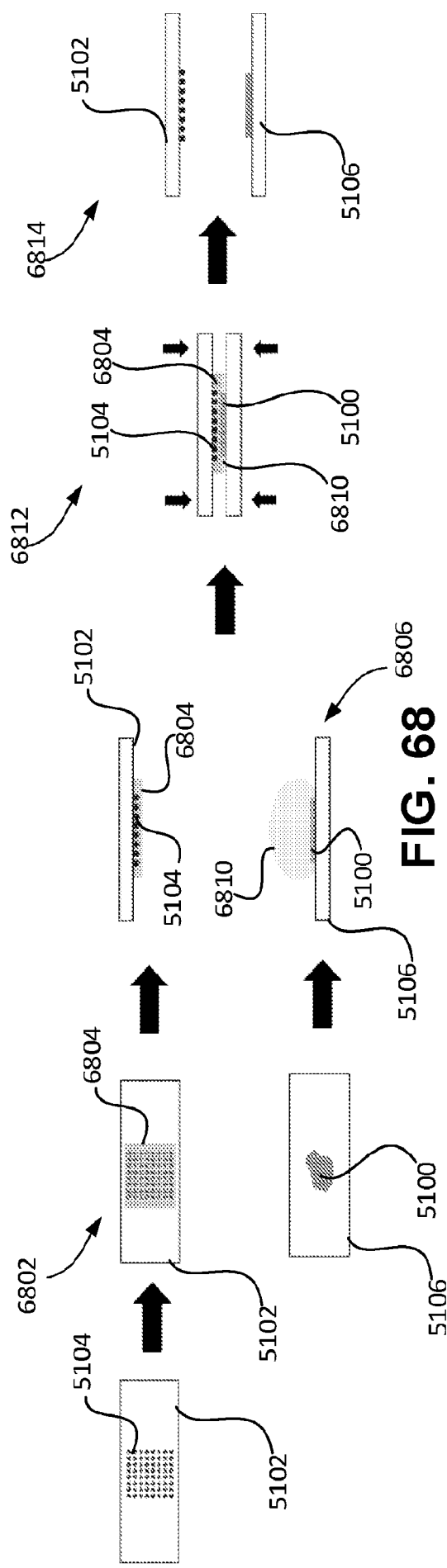
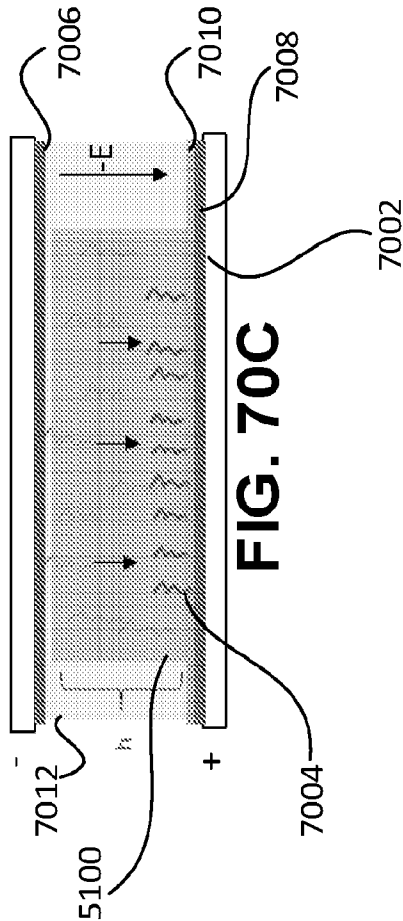
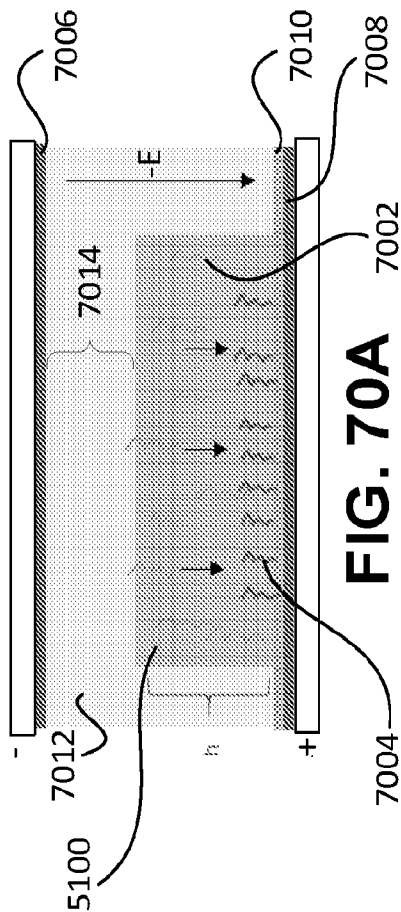
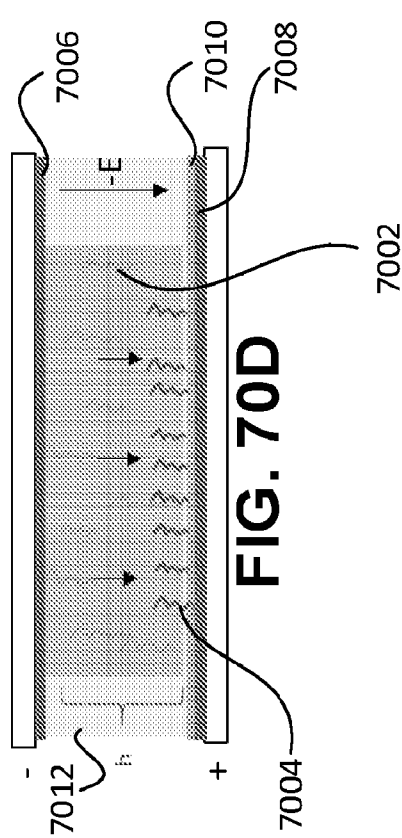
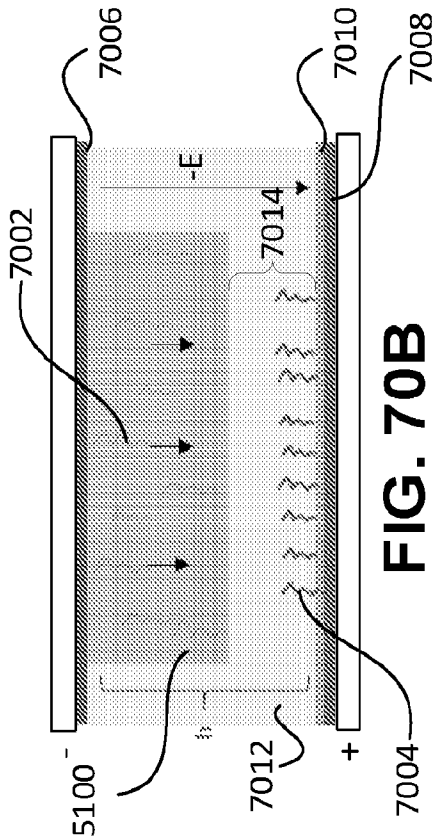


FIG. 67





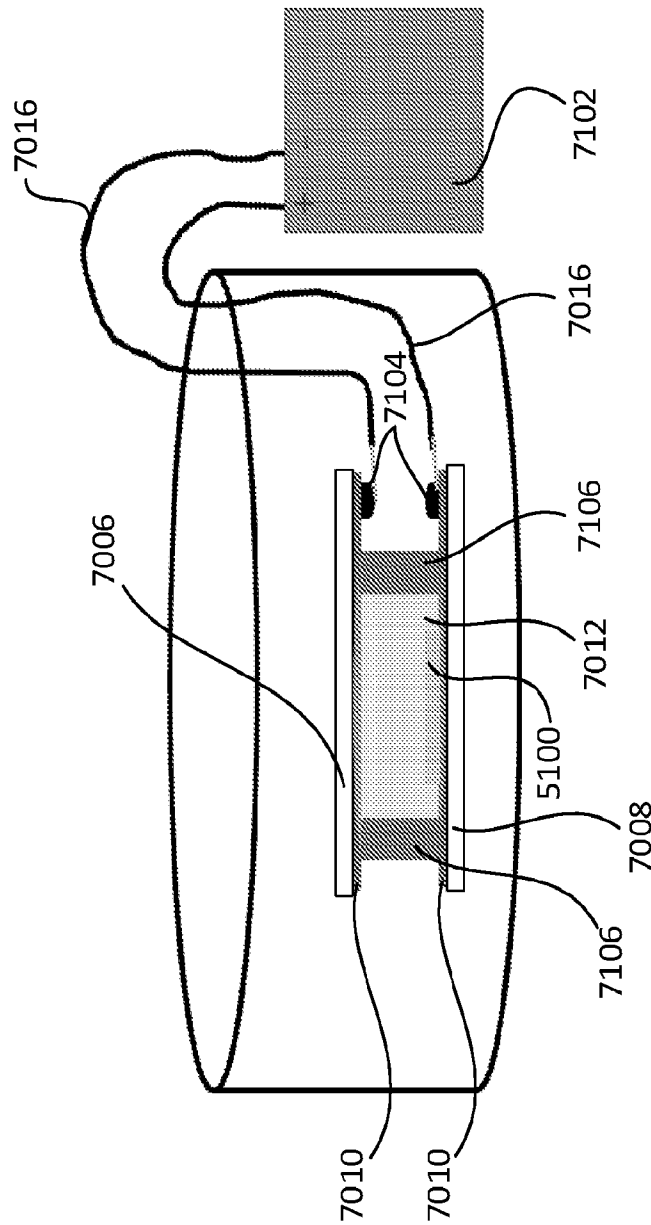


FIG. 71

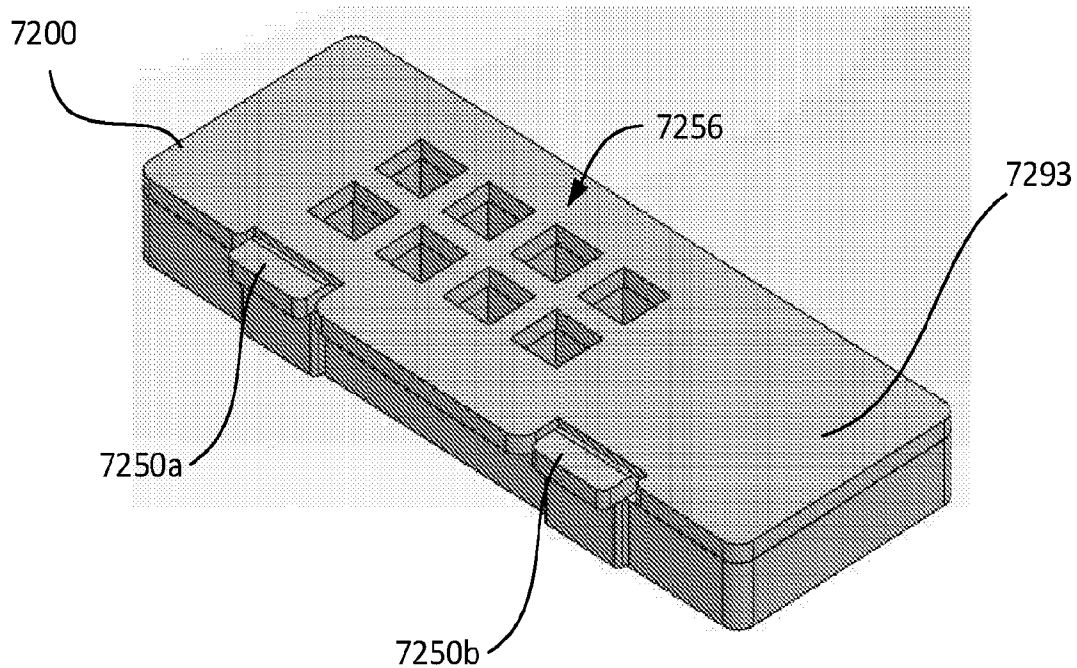


FIG. 72A

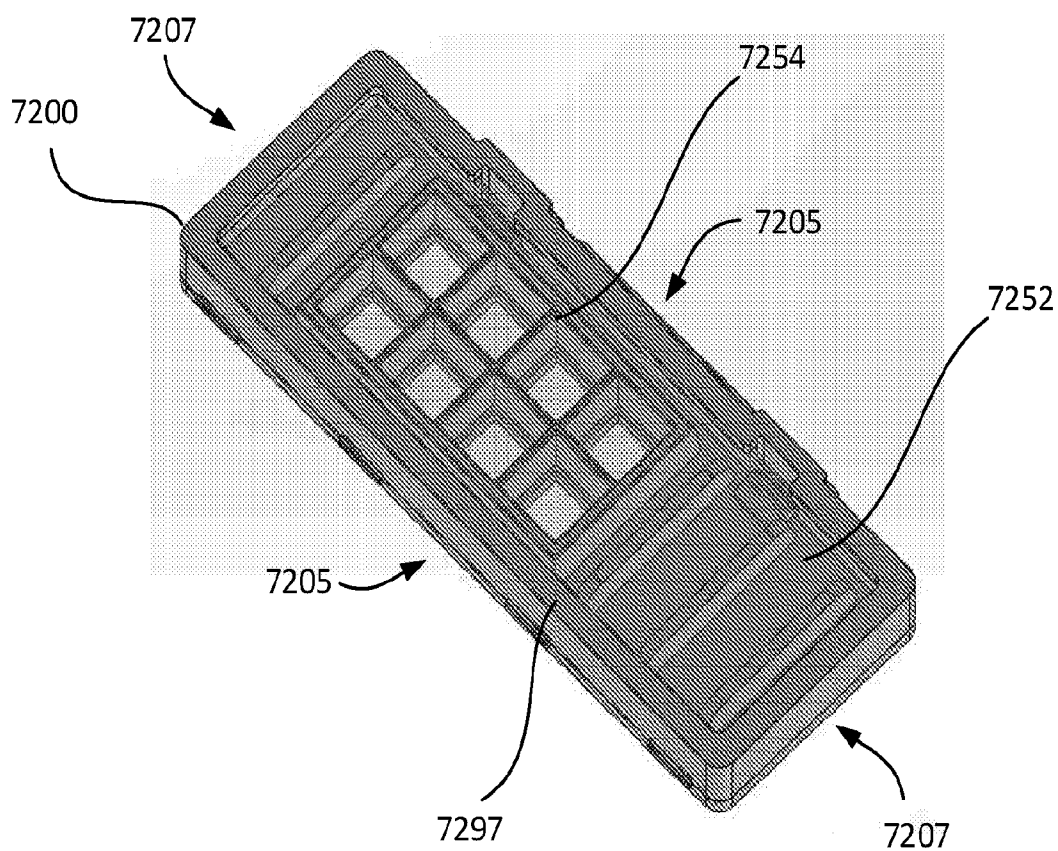
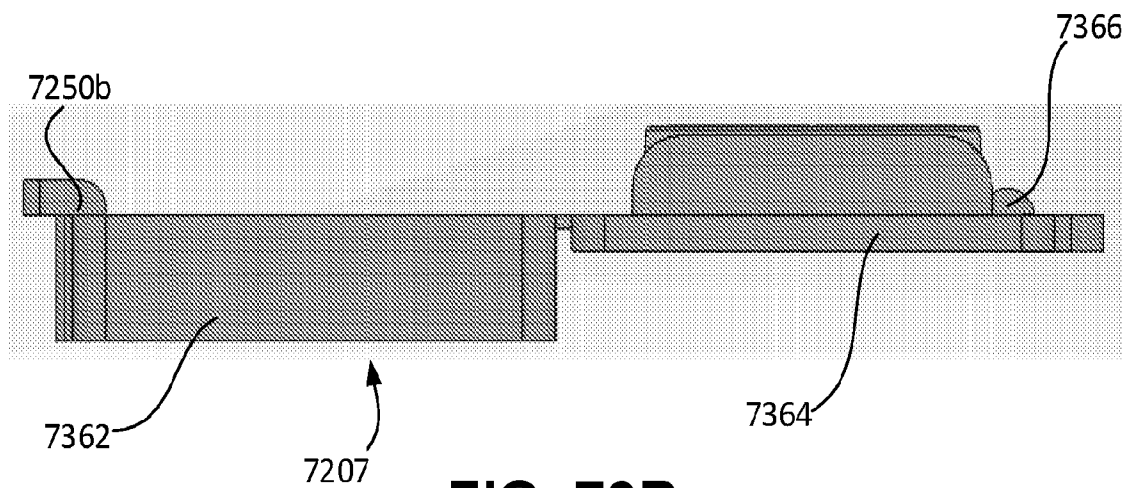
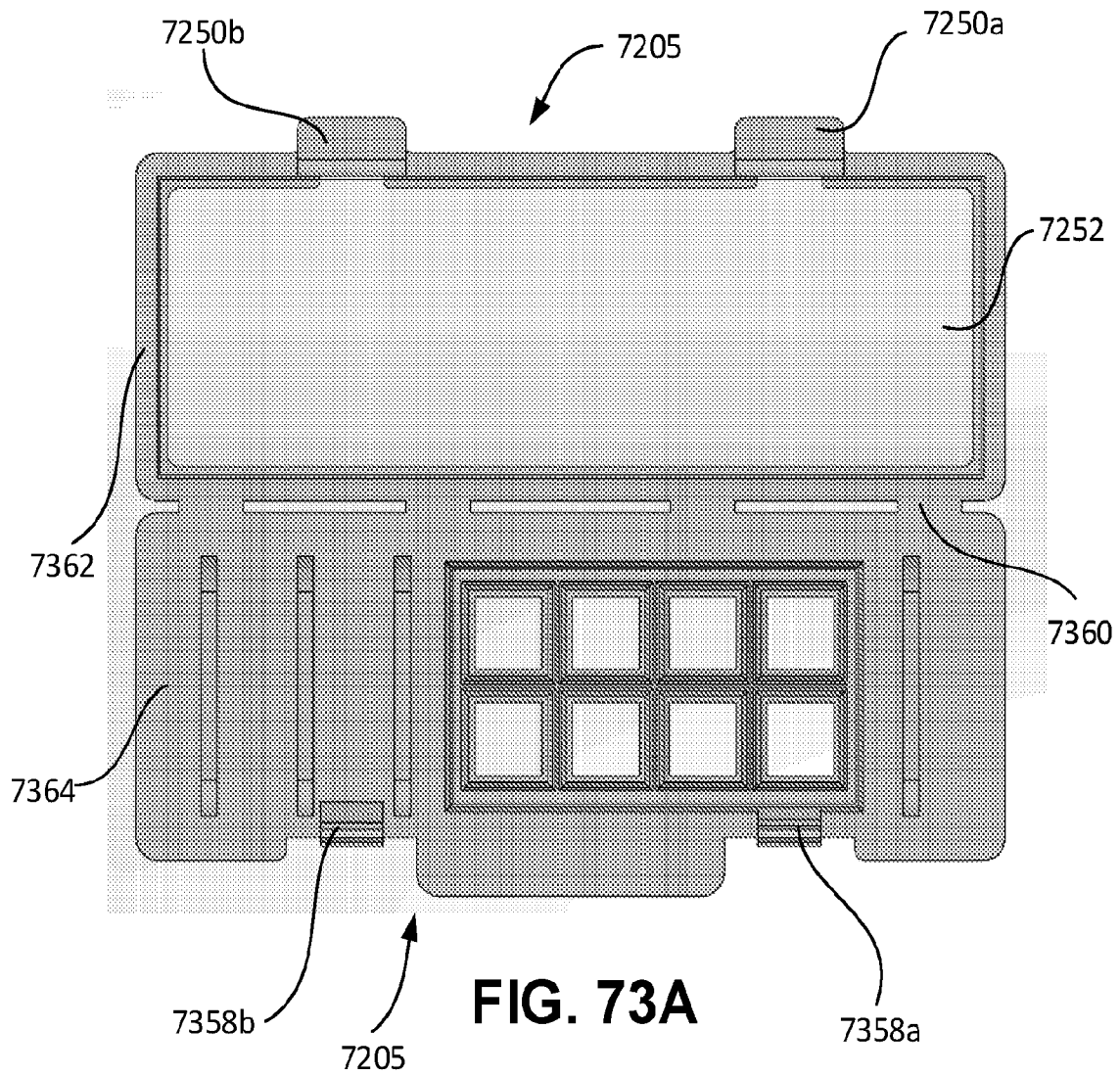


FIG. 72B



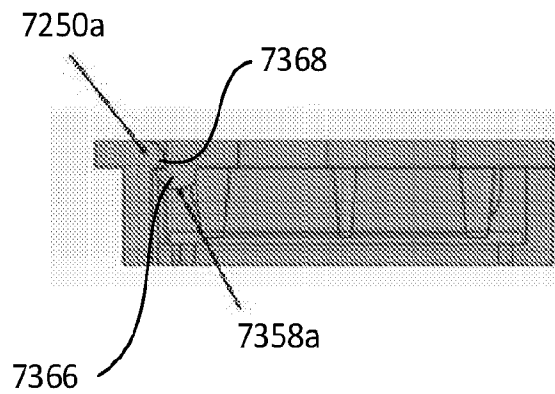


FIG. 73C

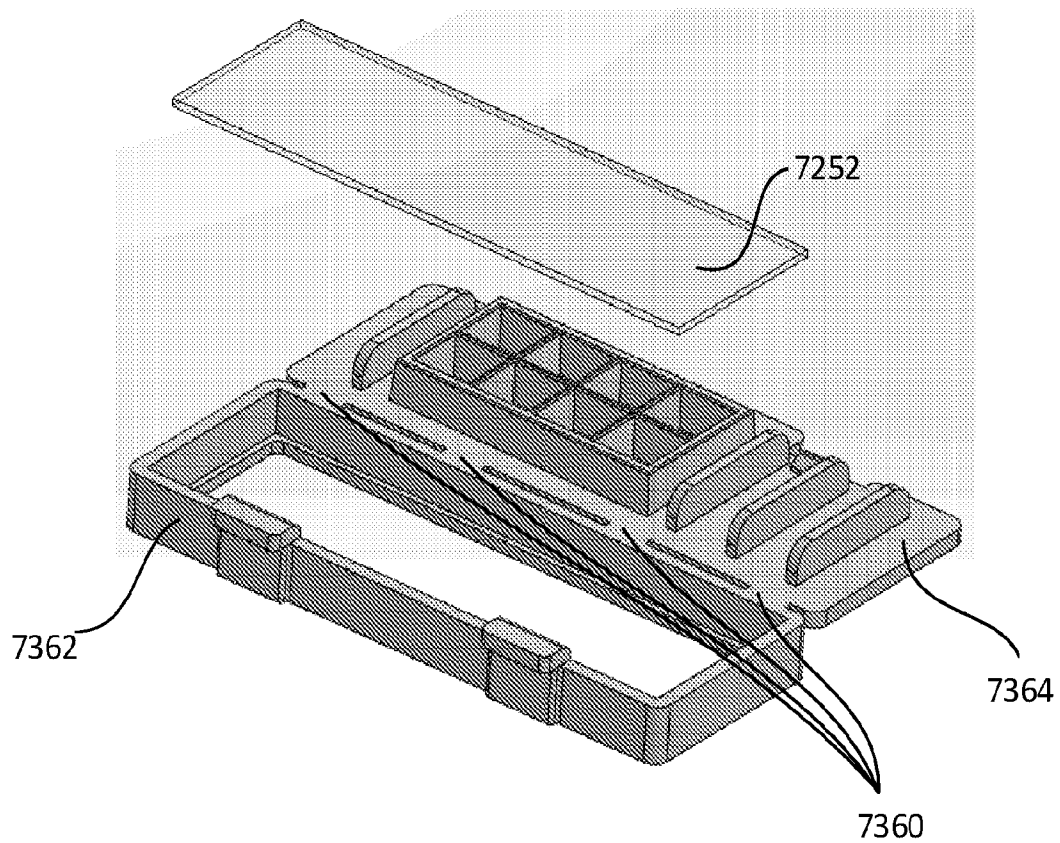
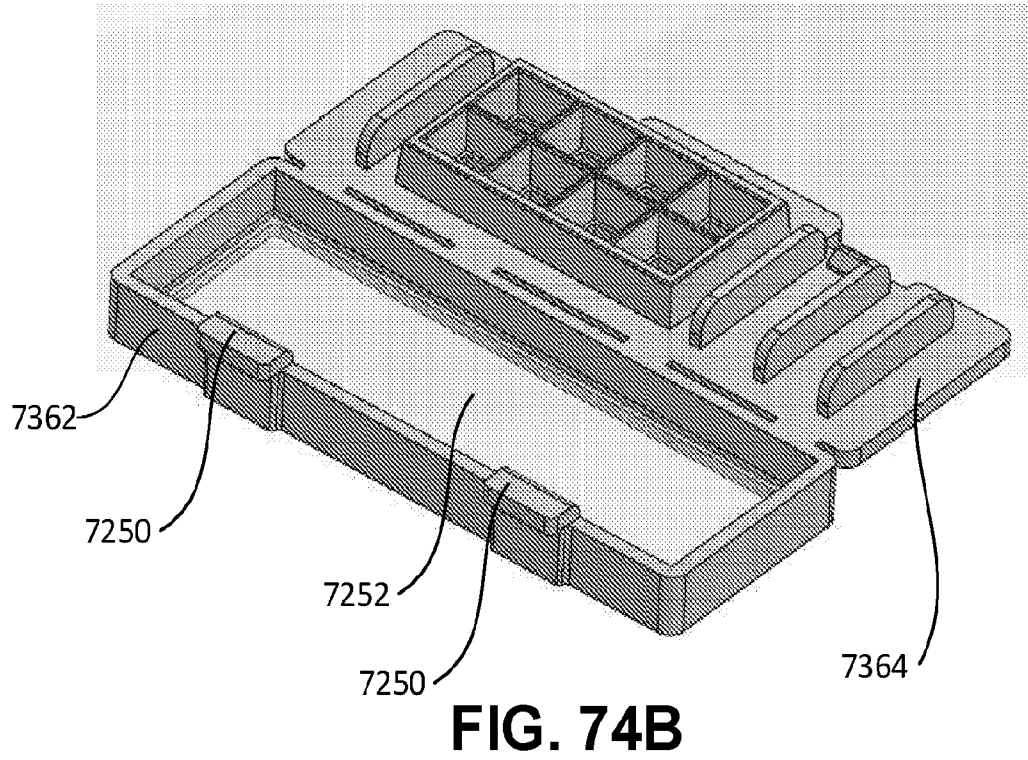
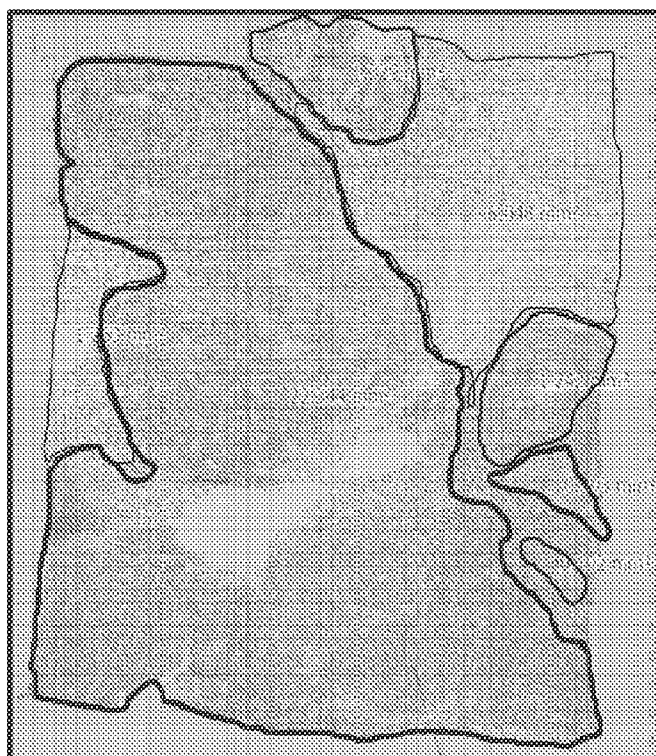


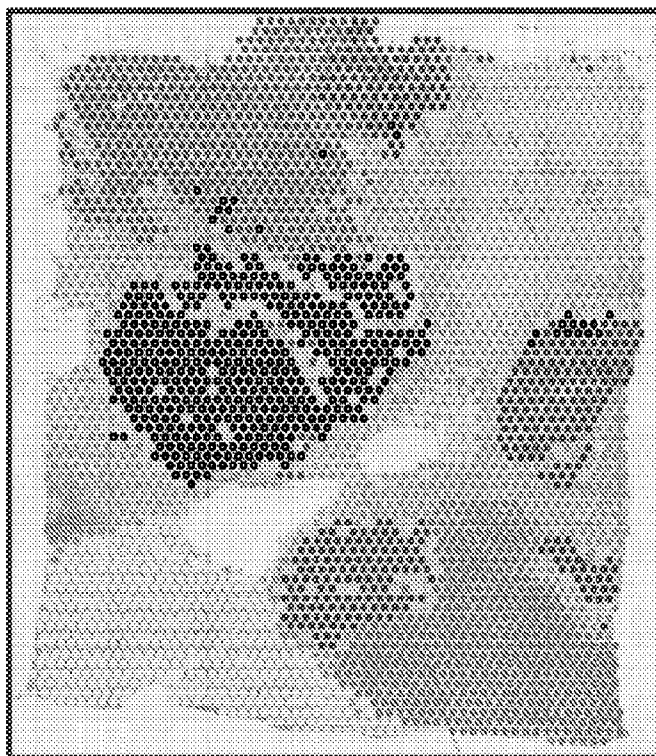
FIG. 74A





- Invasive carcinoma
- Fibrous tissue
- Ductal Cancer In Situ (DCIS)

FIG. 75A



- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4
- Cluster 5
- Cluster 6
- Cluster 7
- Cluster 8
- Cluster 9

FIG. 75B

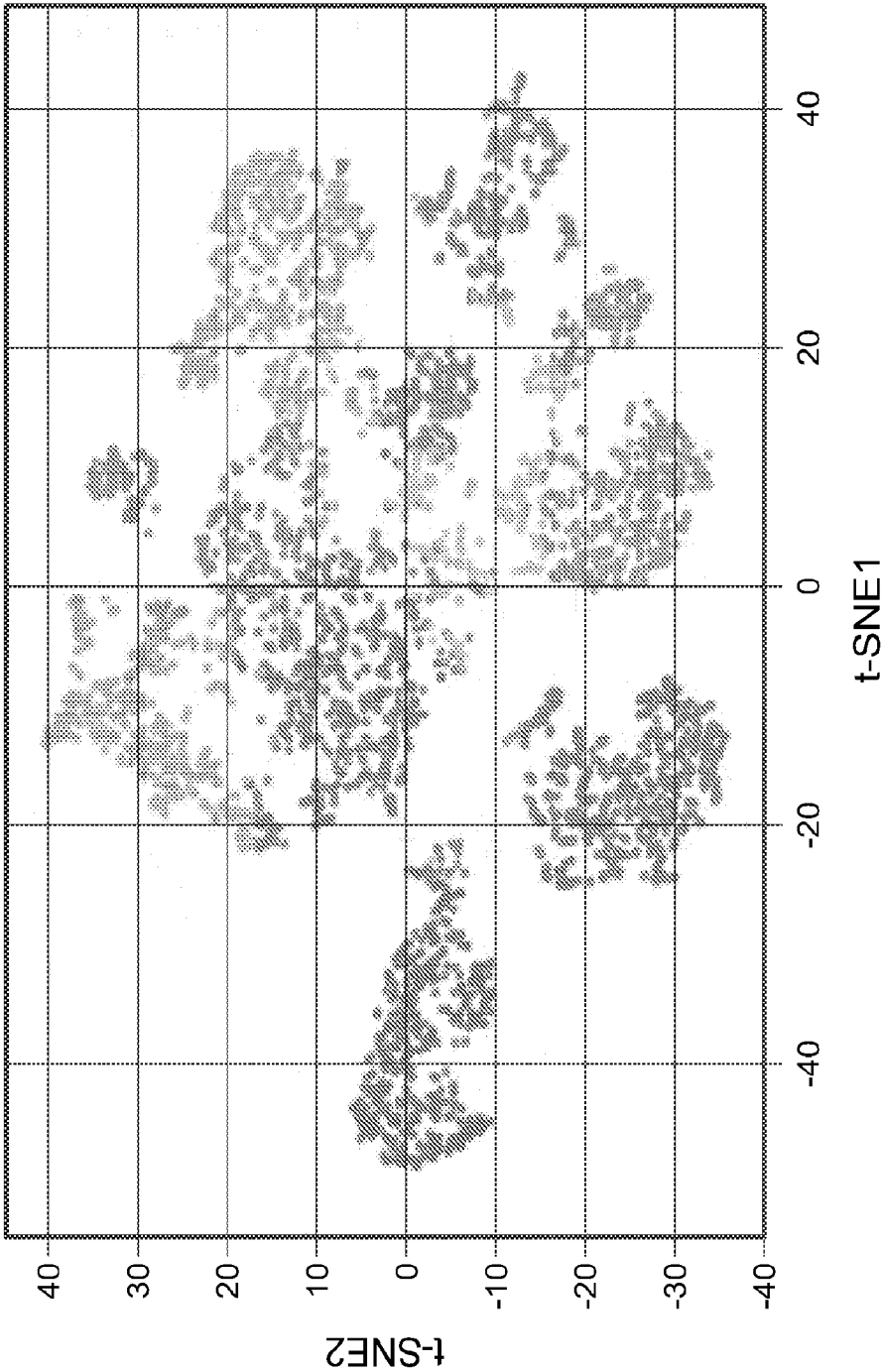


FIG. 75C

FIG. 75D

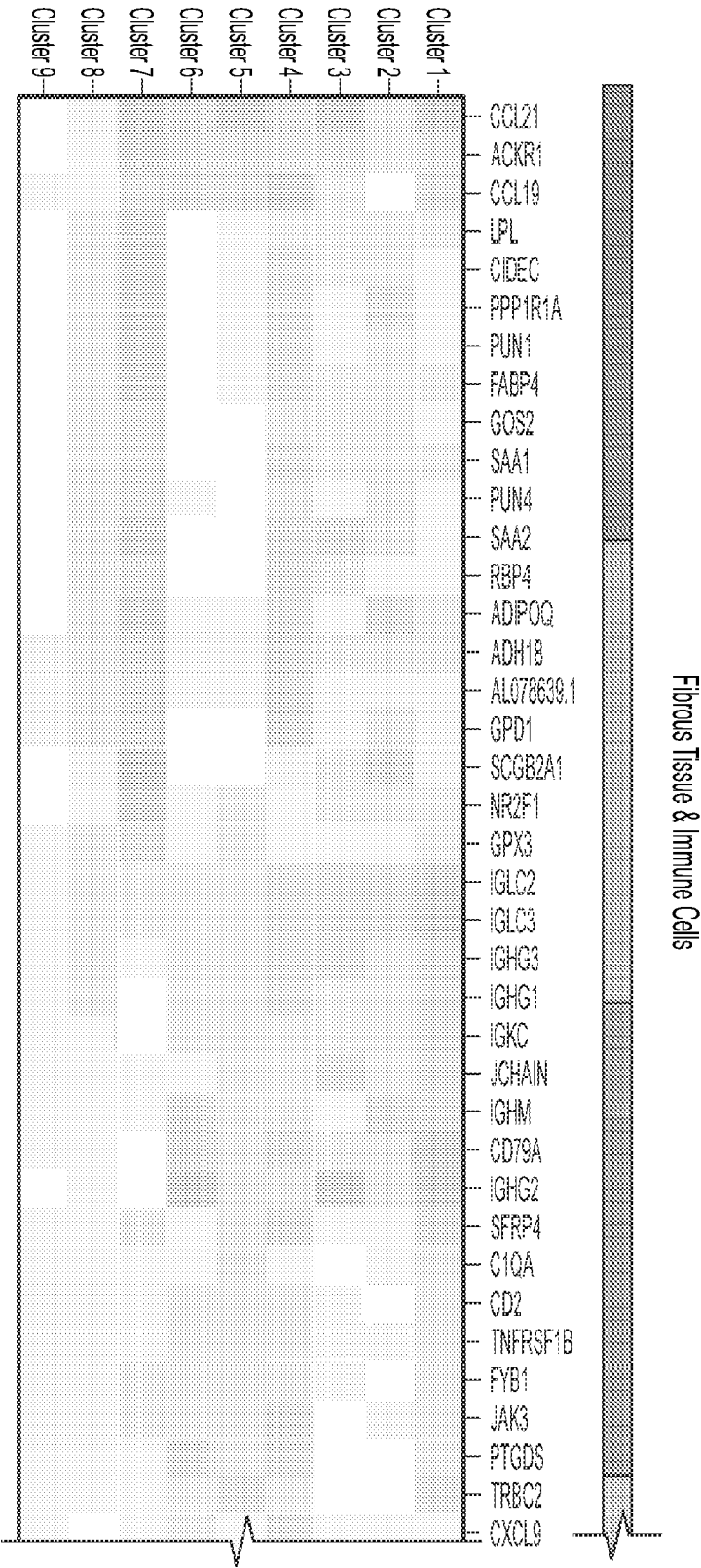


FIG- 75D (Cont. 1)

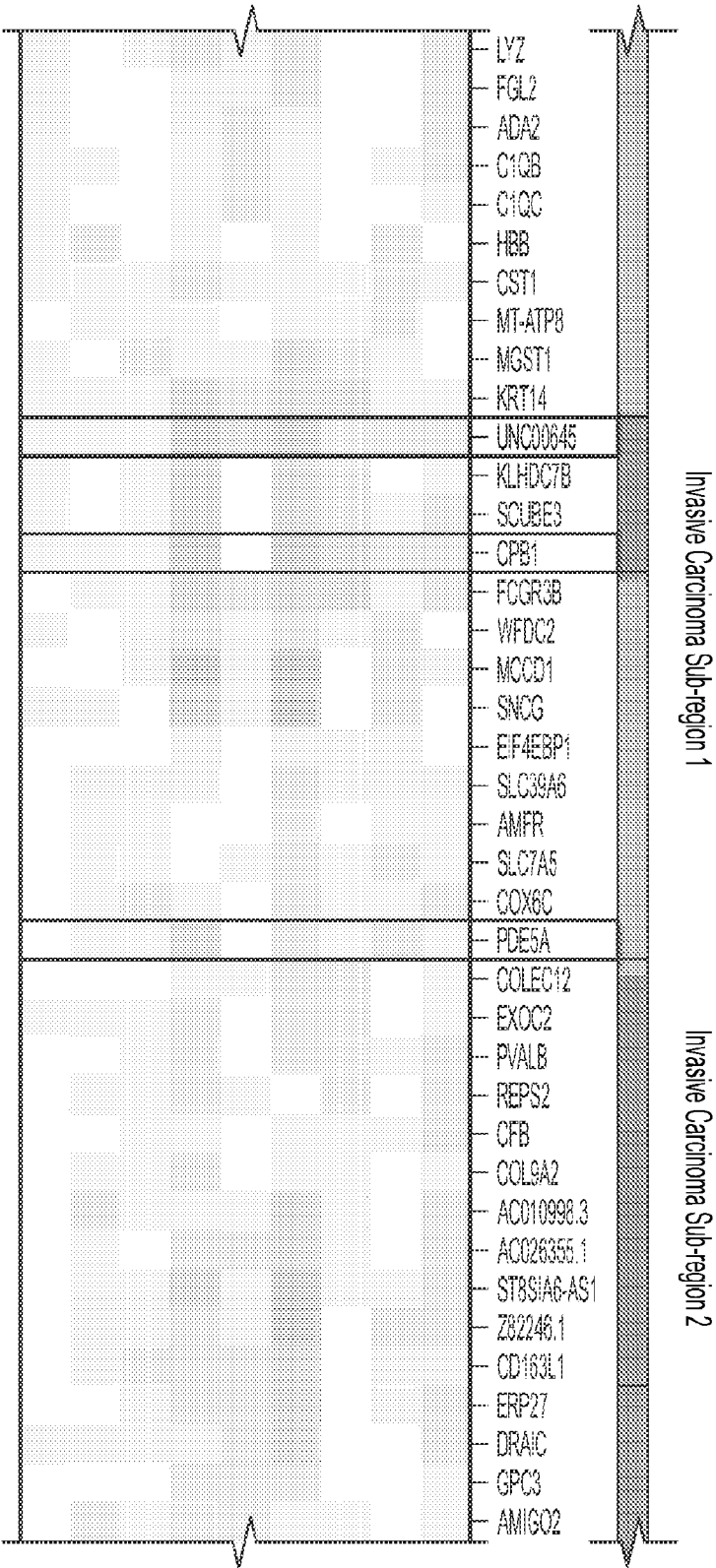
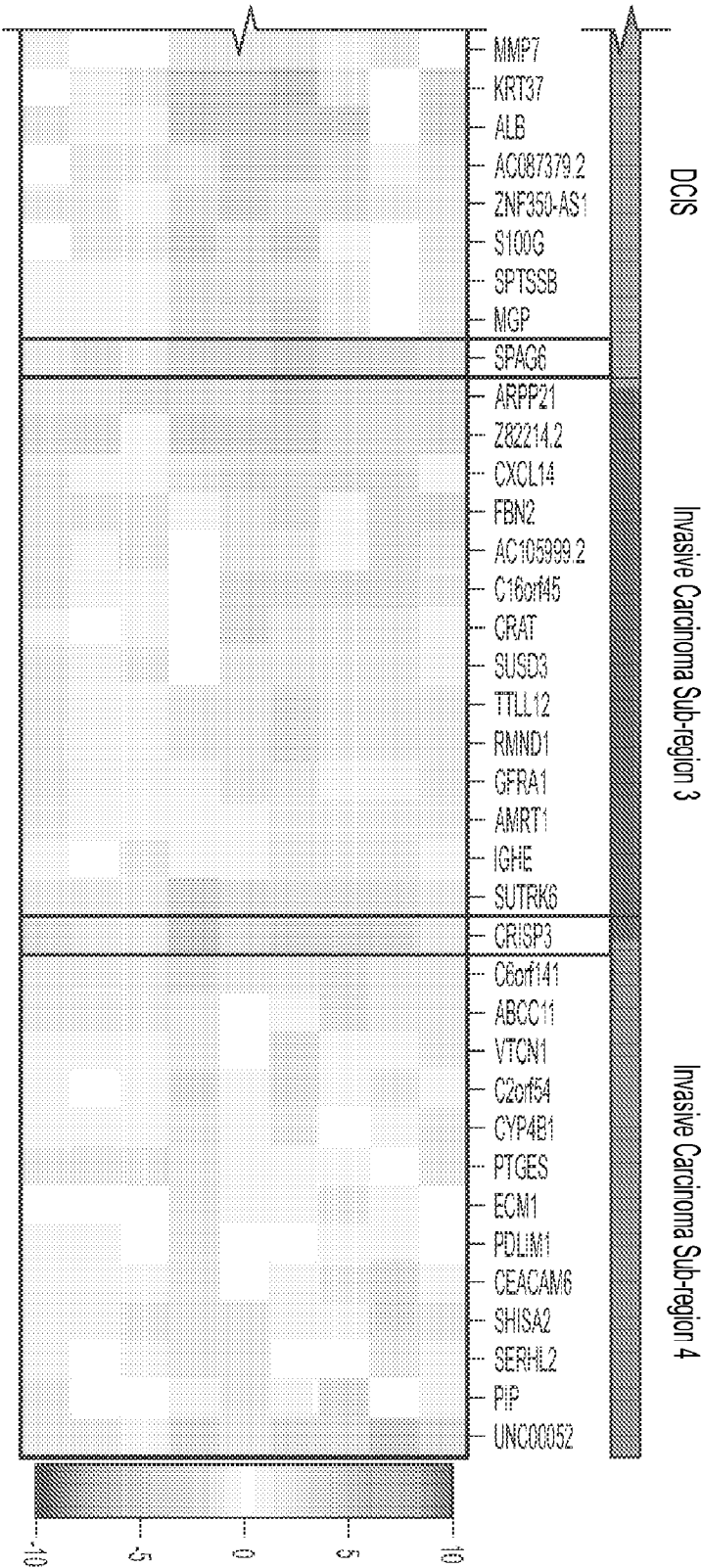


FIG- 75D (Cont. 2)



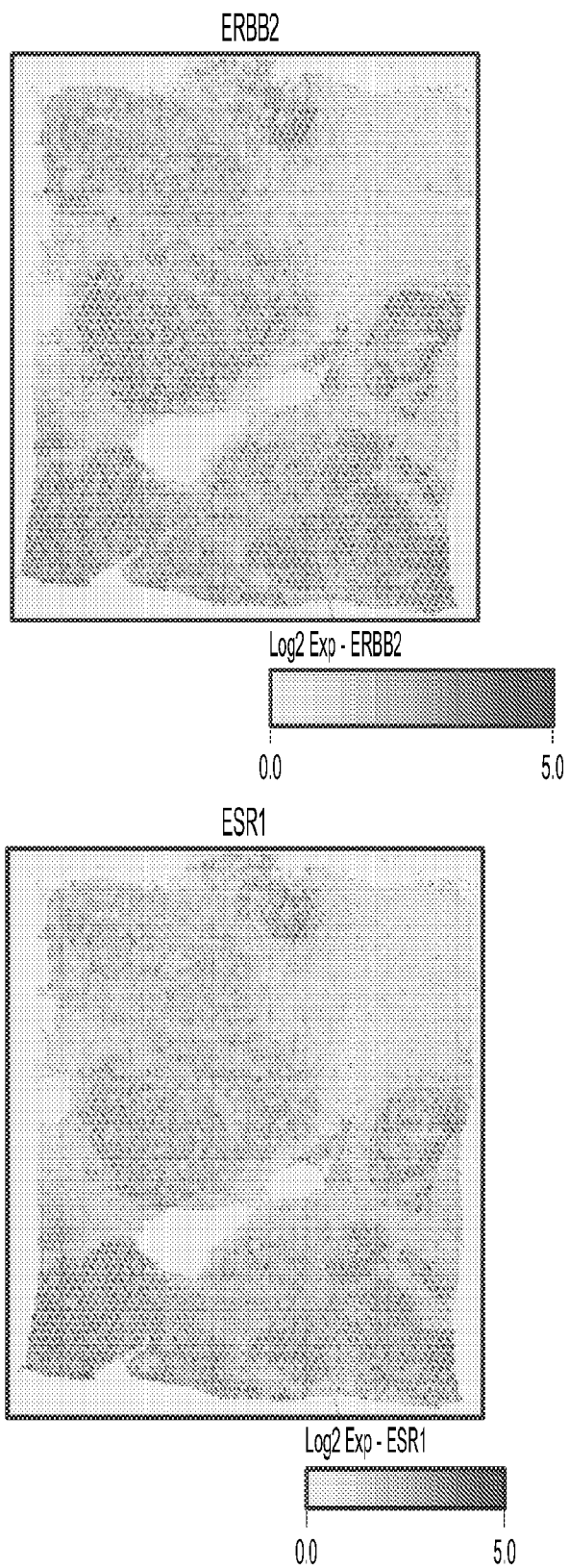


FIG. 75E

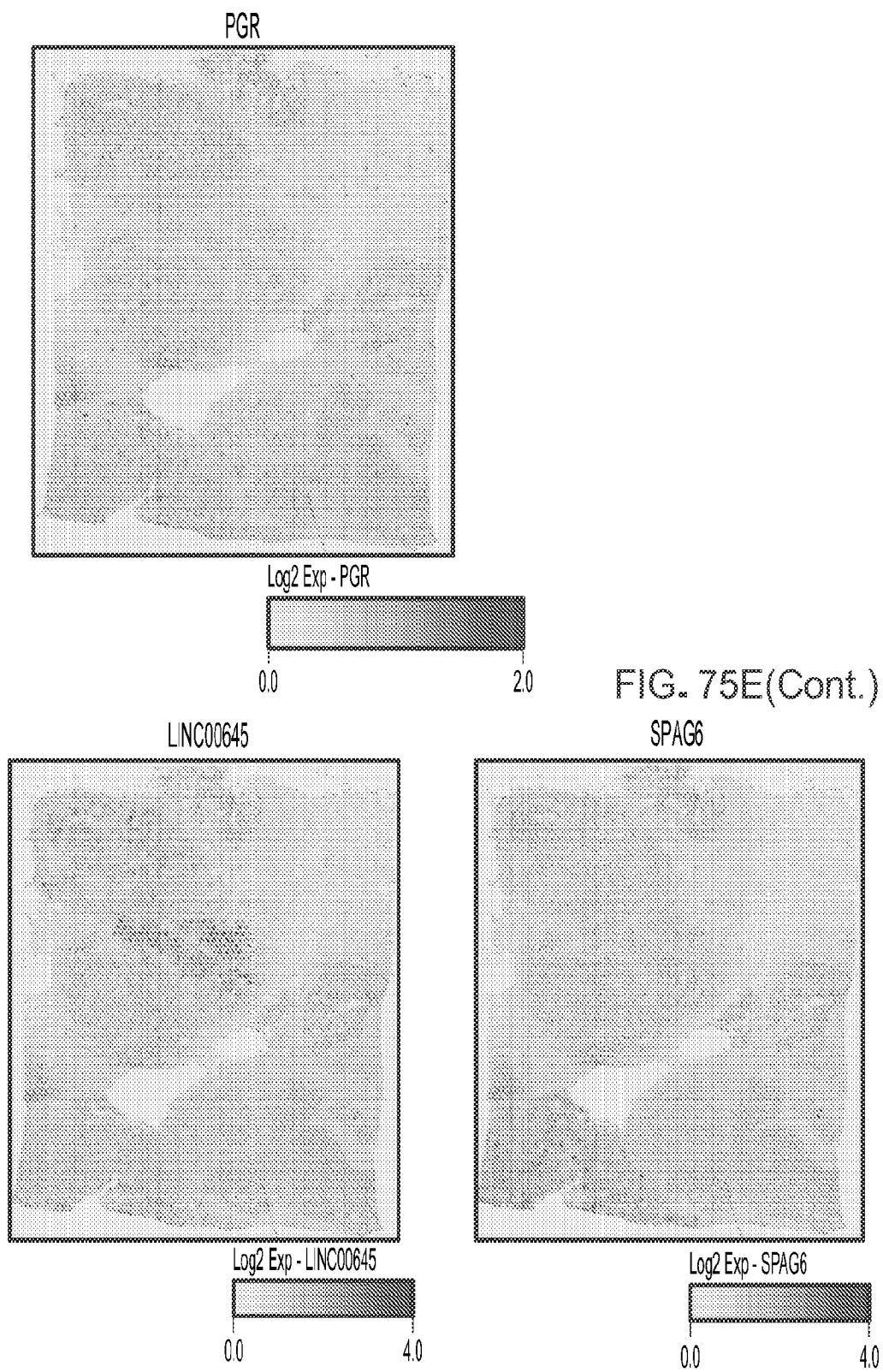


FIG. 75F

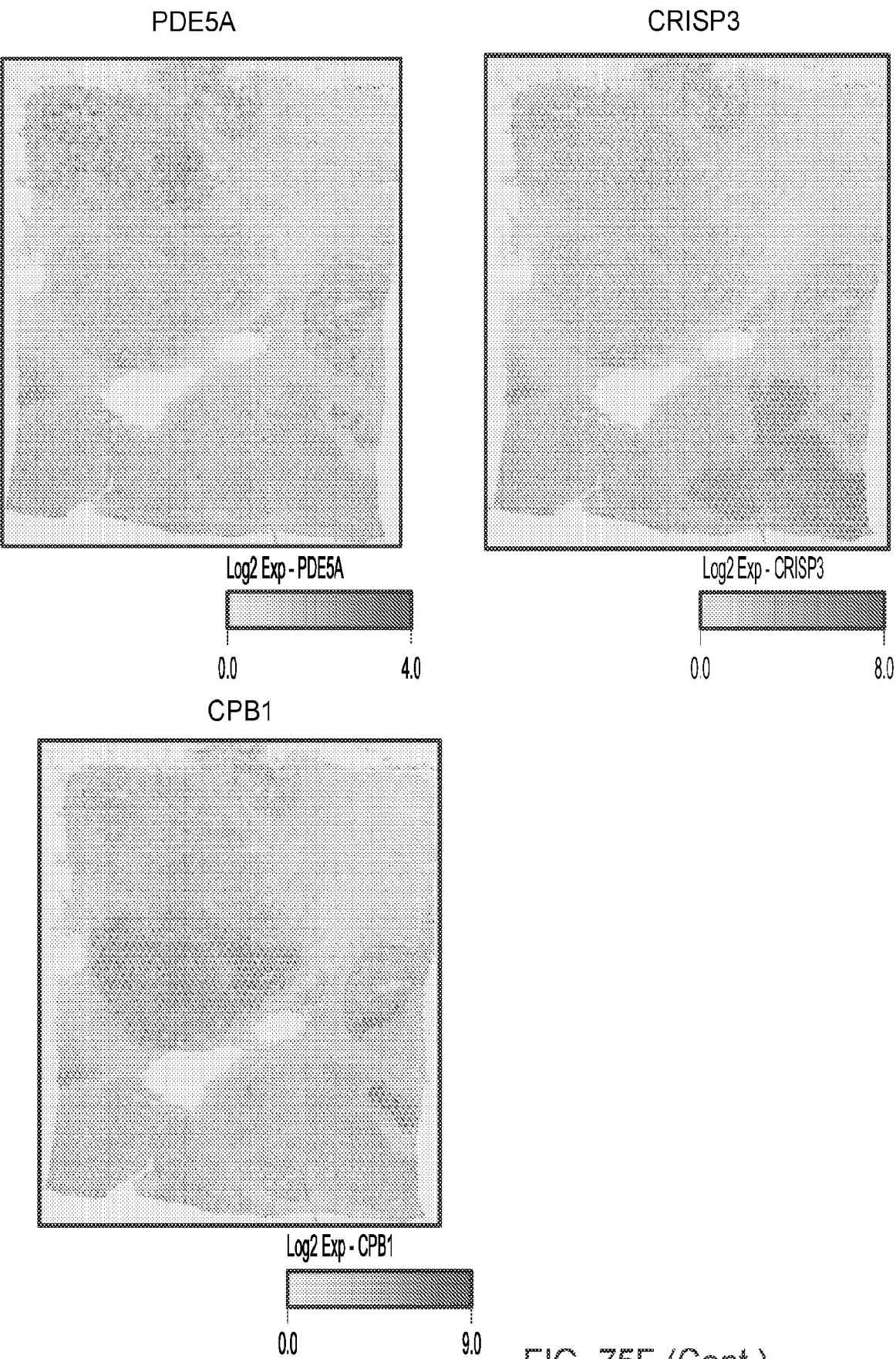
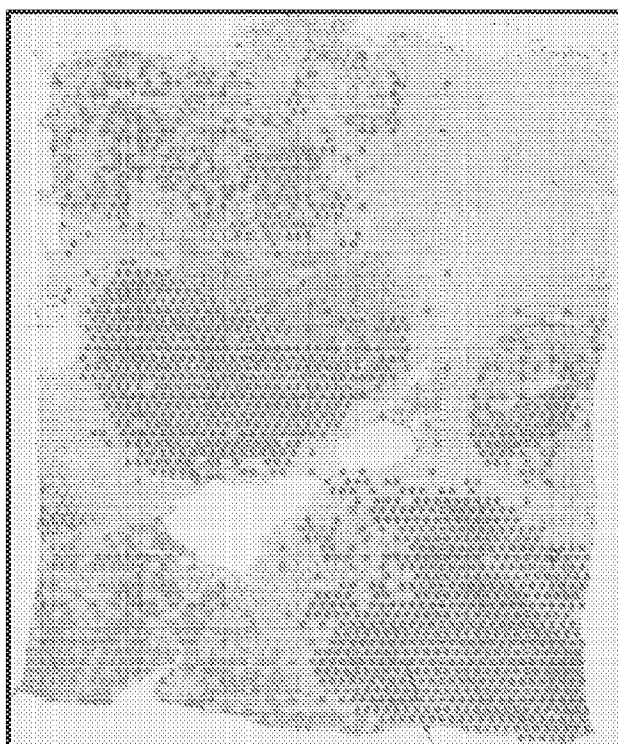


FIG 75F (Cont.)



- CPB1 (540)
- LINC00645 (217)
- PDE5A (309)
- CRISP3 (580)
- SPAG6 (253)

FIG. 75G

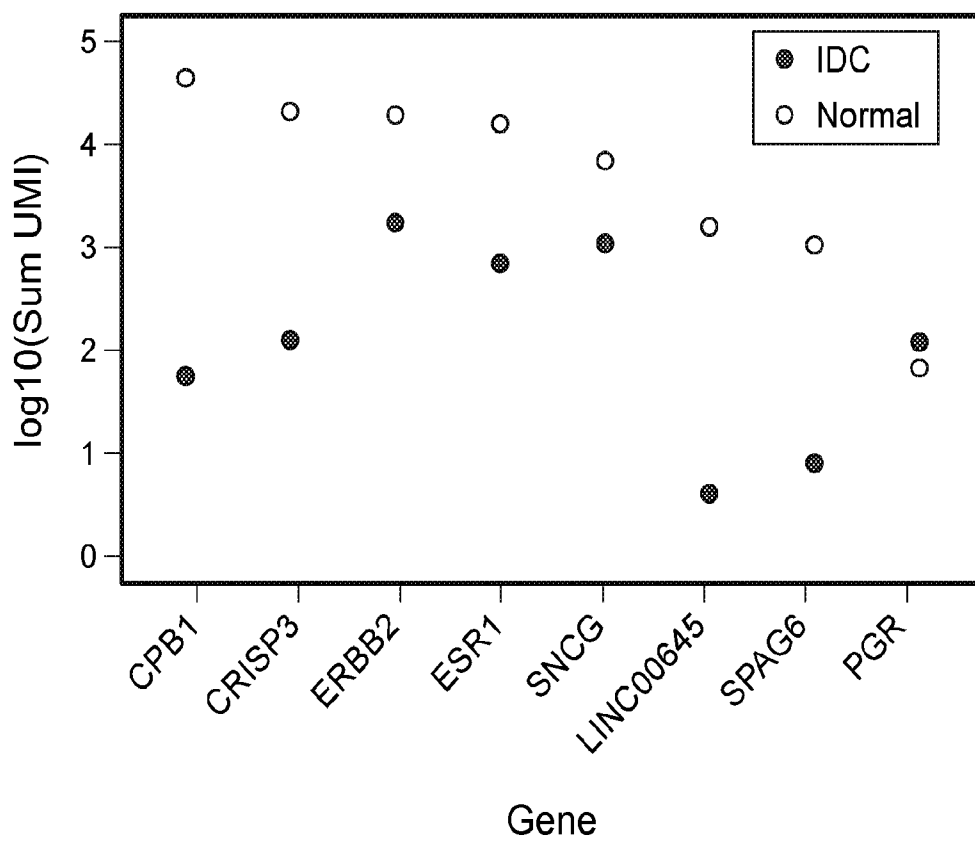
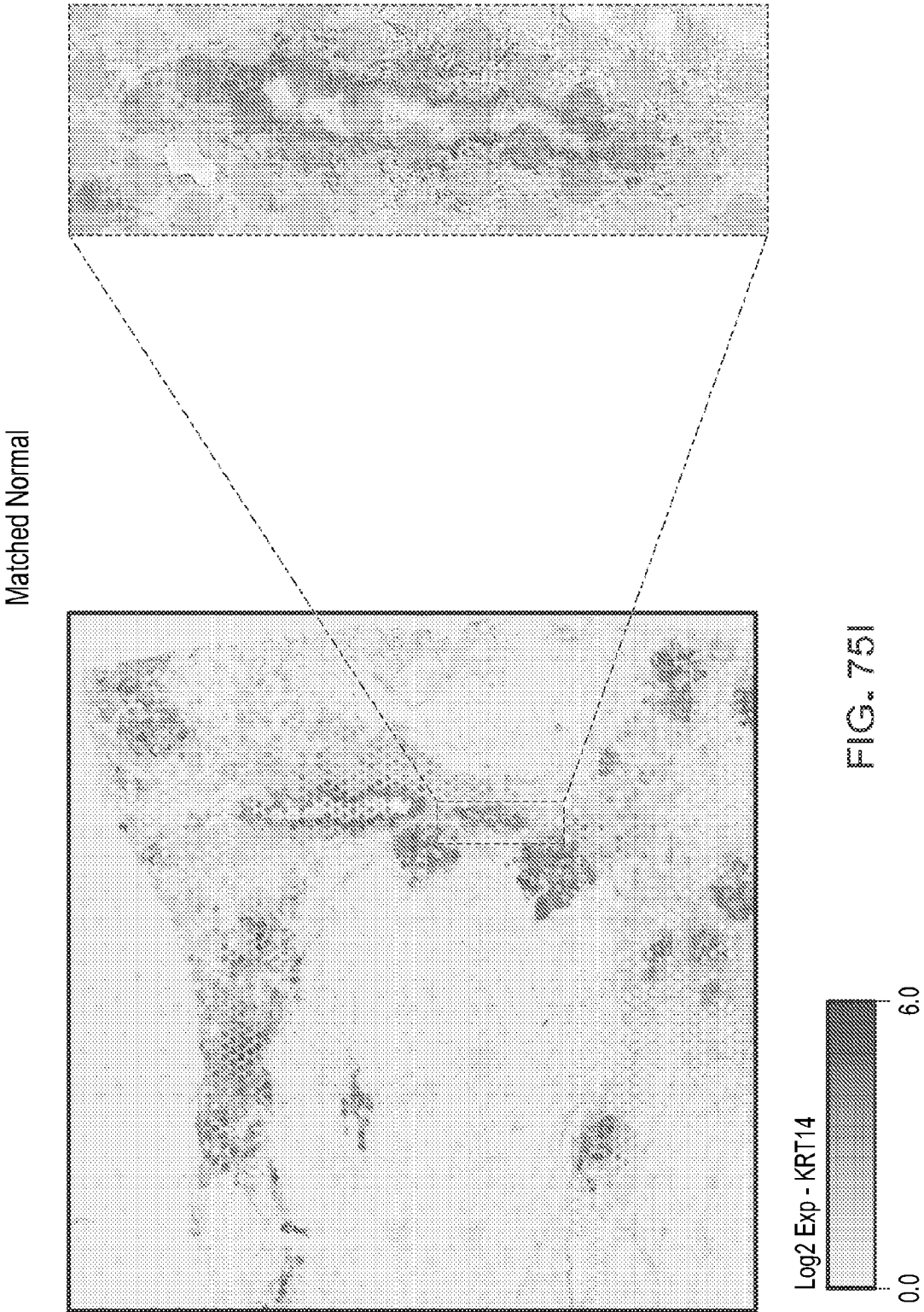


FIG. 75H



Invasive Ductal Carcinoma

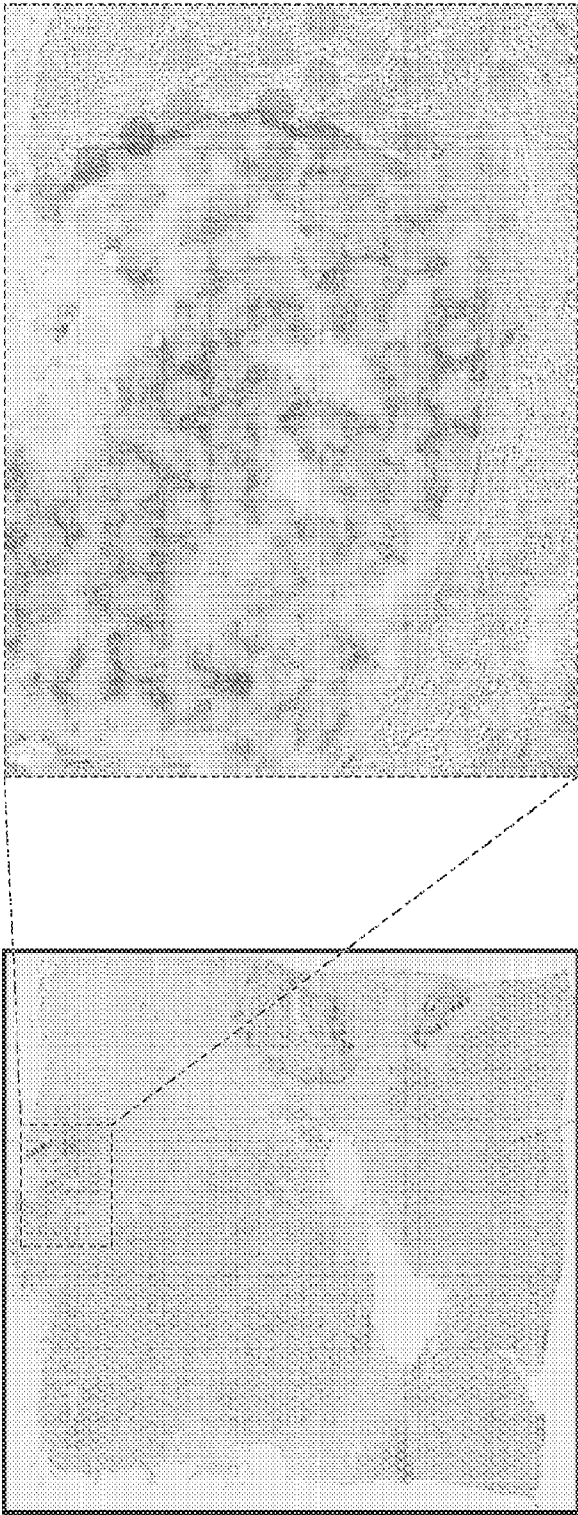


FIG. 75I (Cont.)

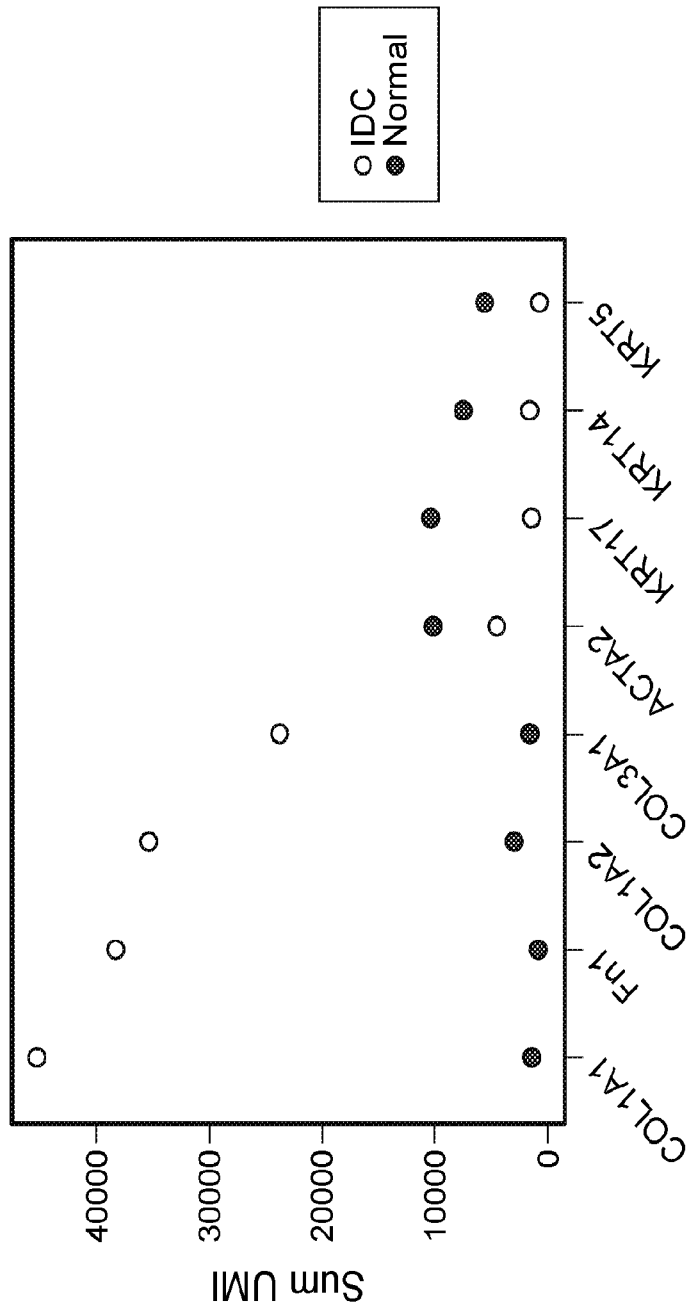


FIG. 75J