

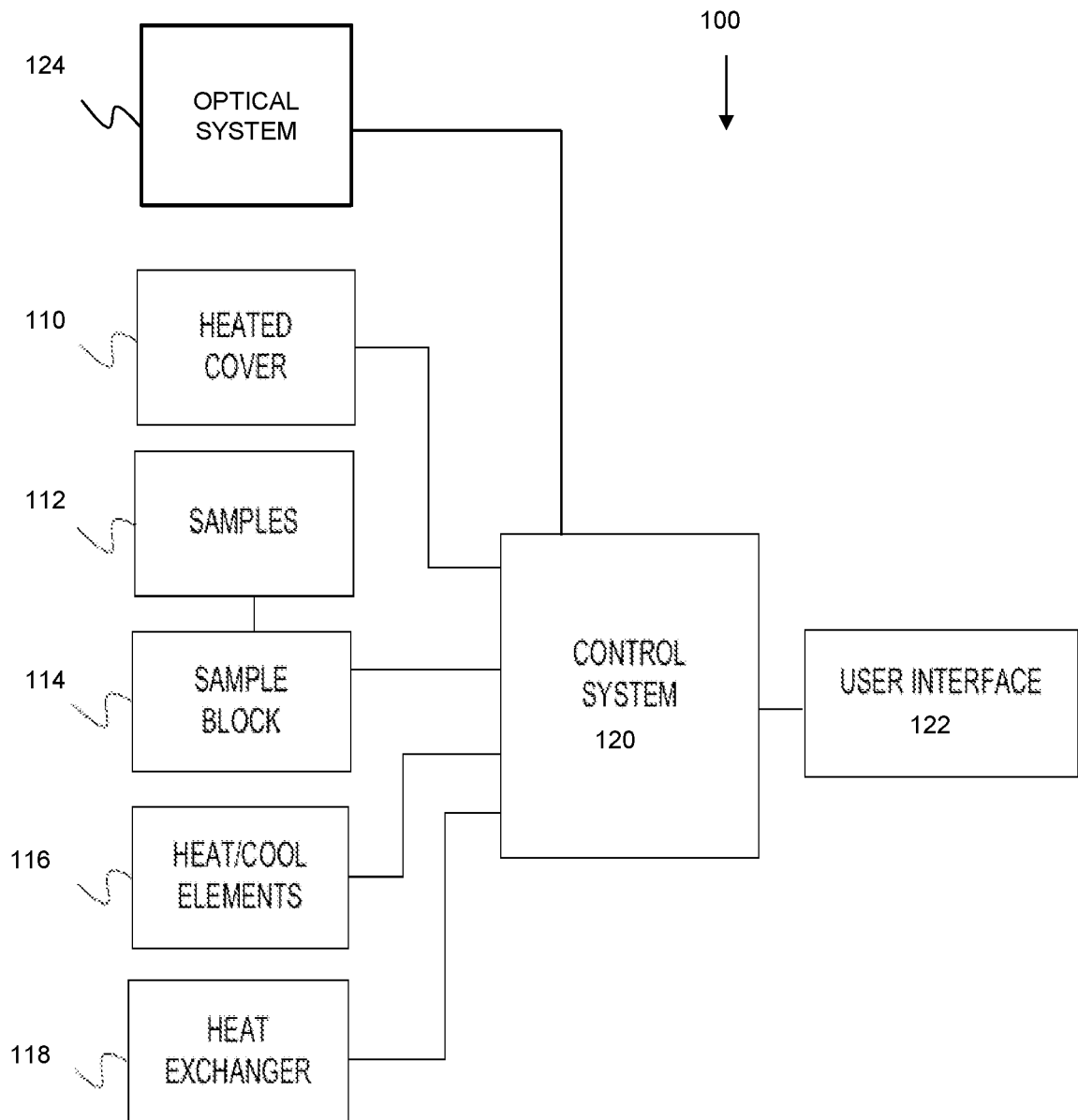
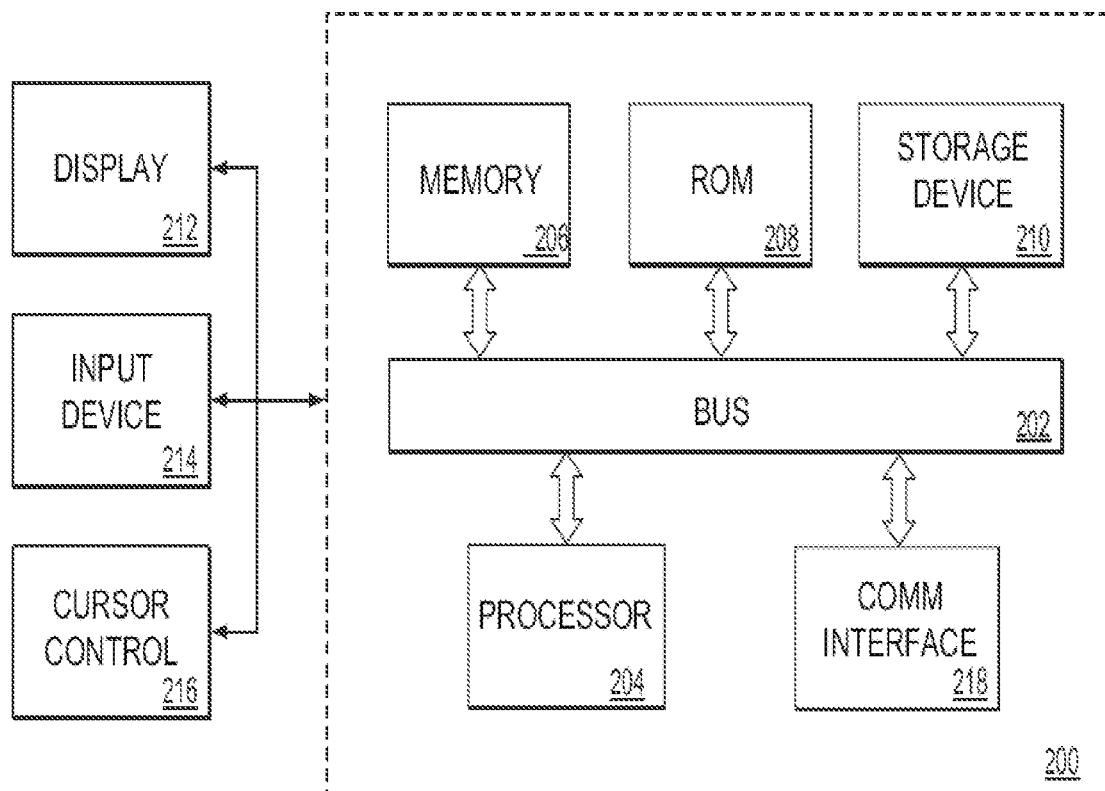
**FIG. 1**

FIG. 2

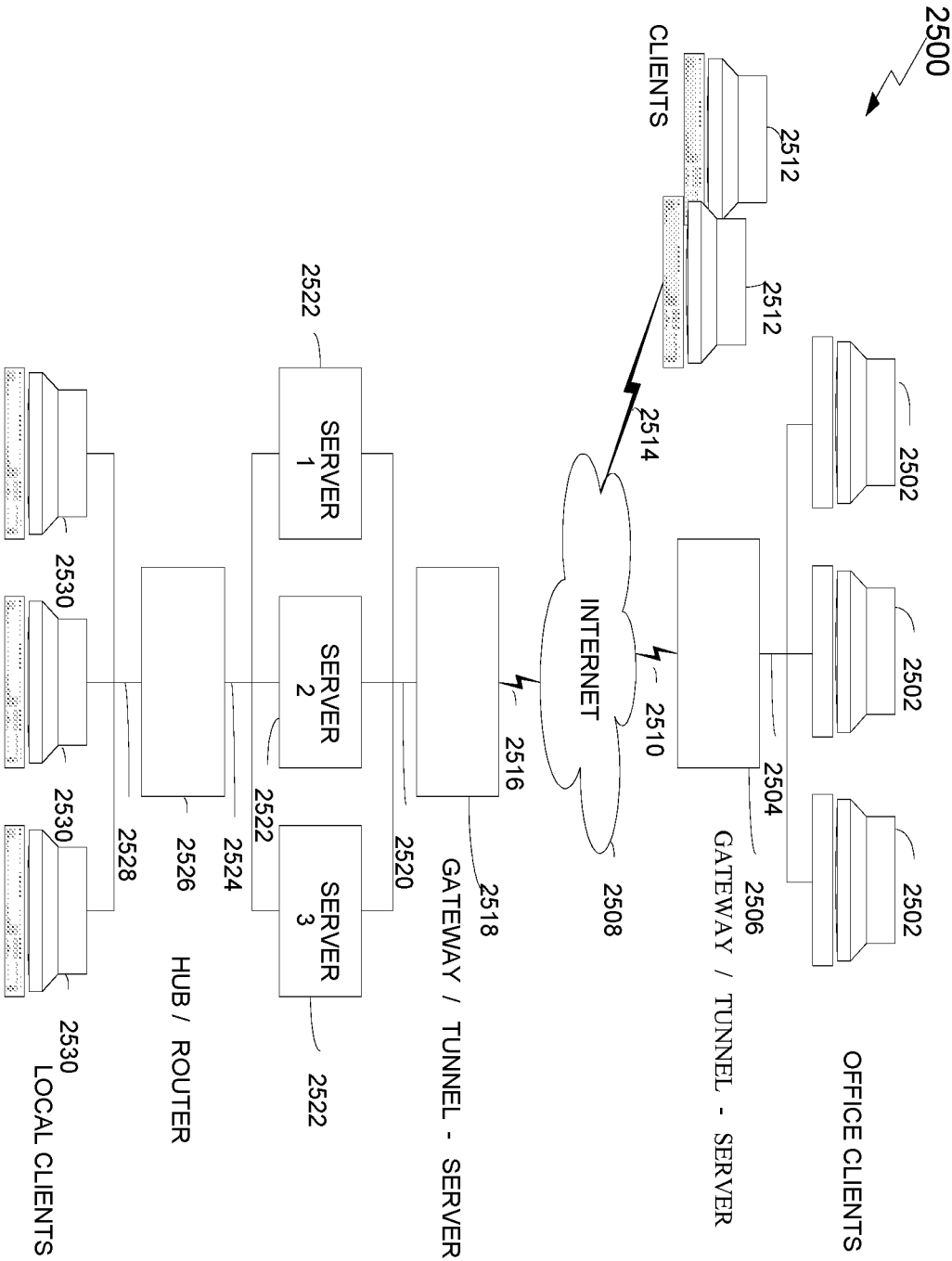


FIG. 3

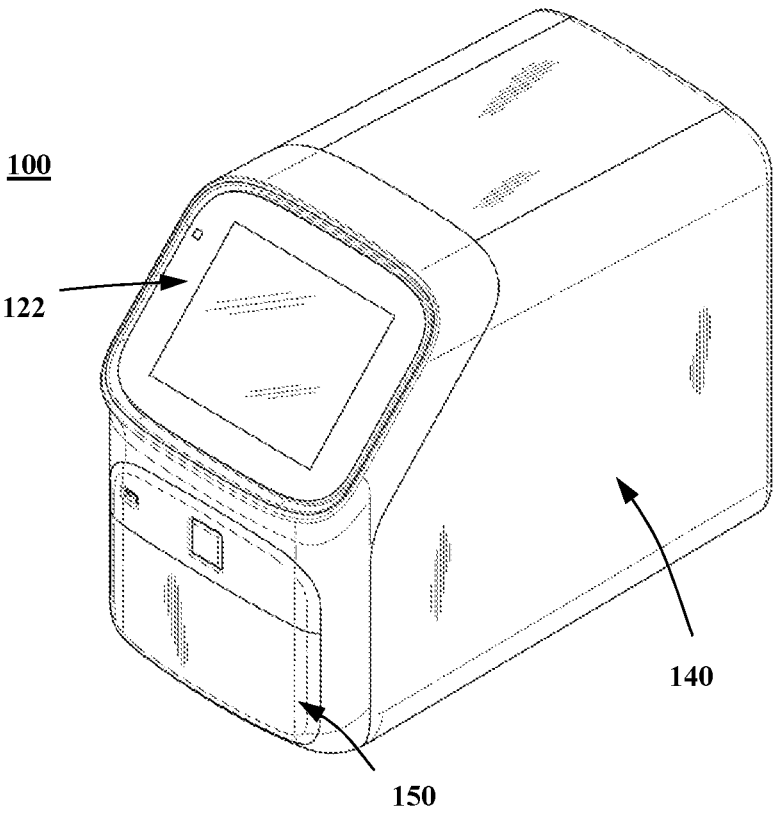


FIG. 4

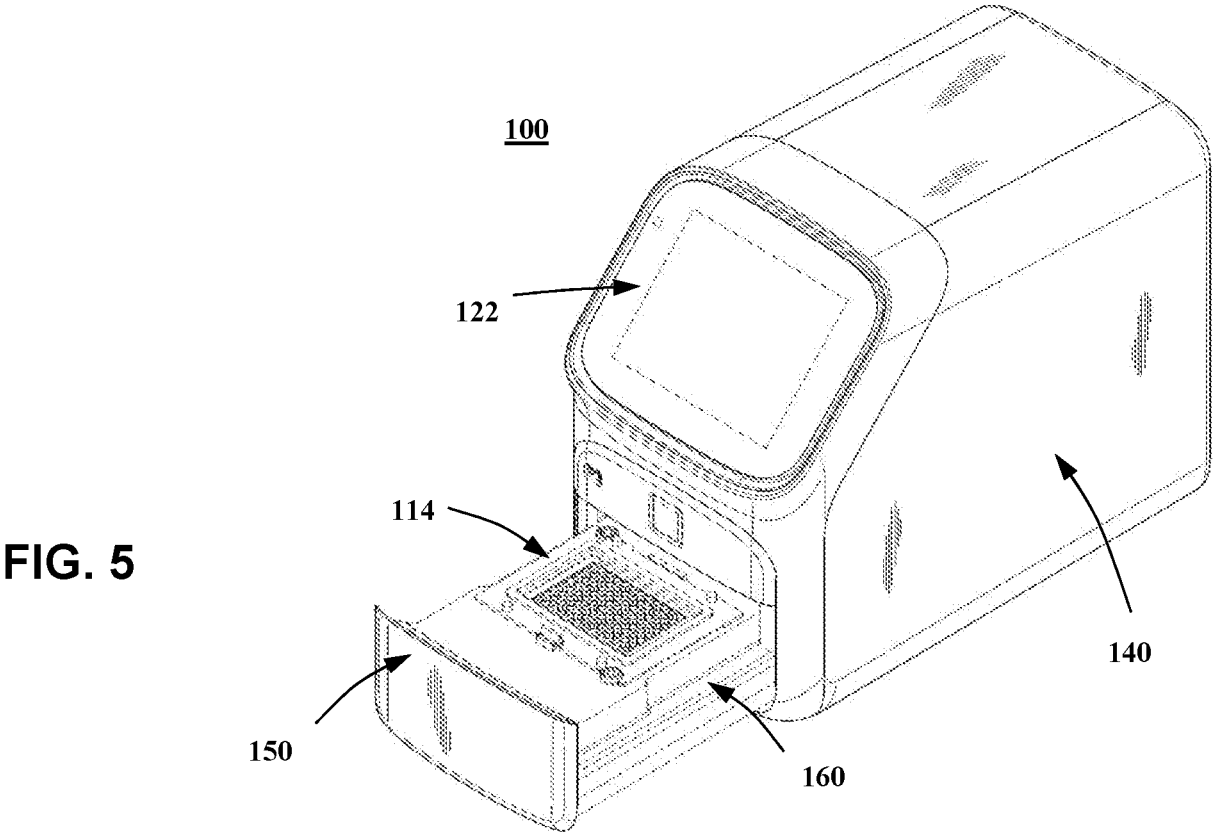


FIG. 5

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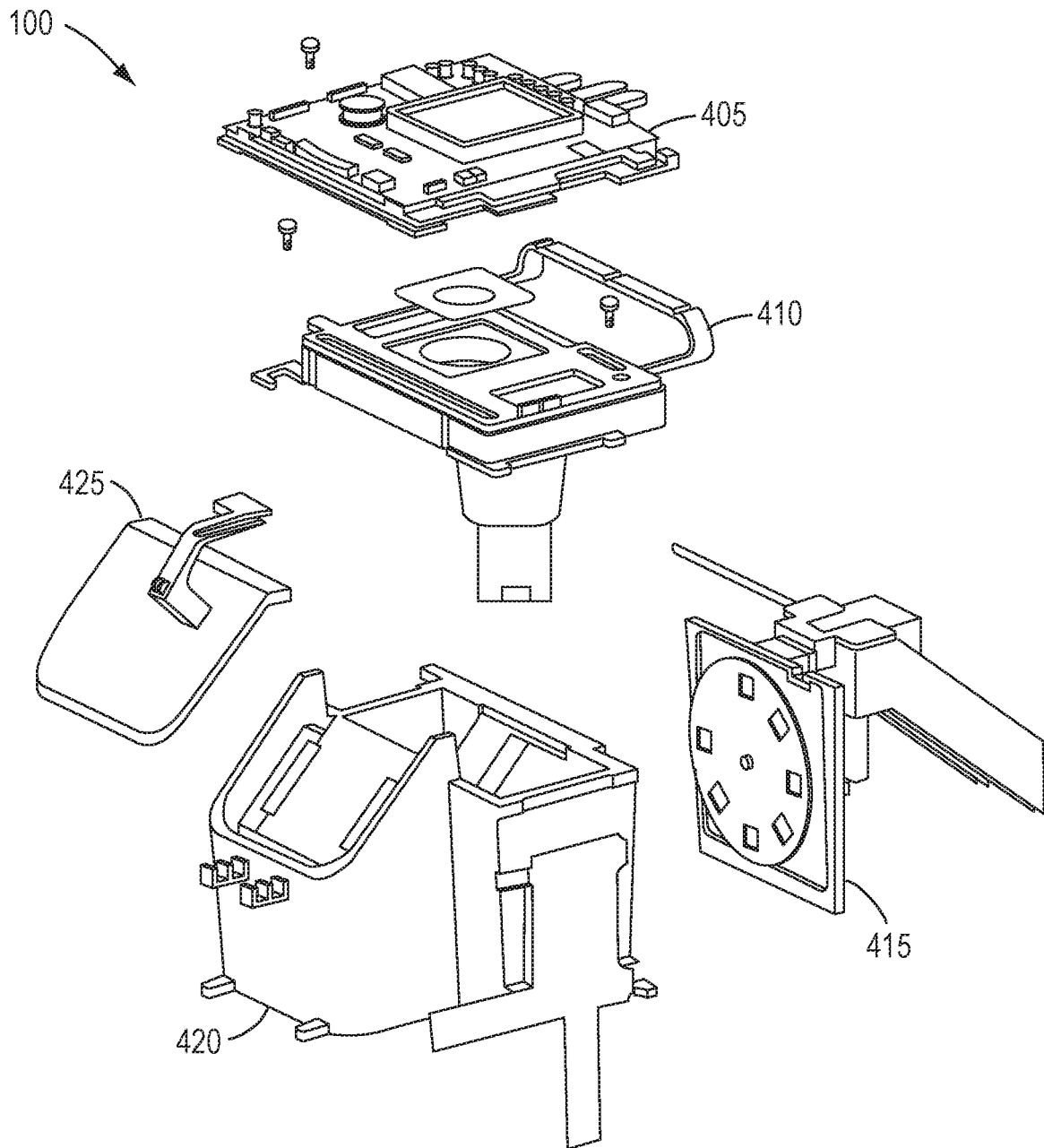


FIG. 6

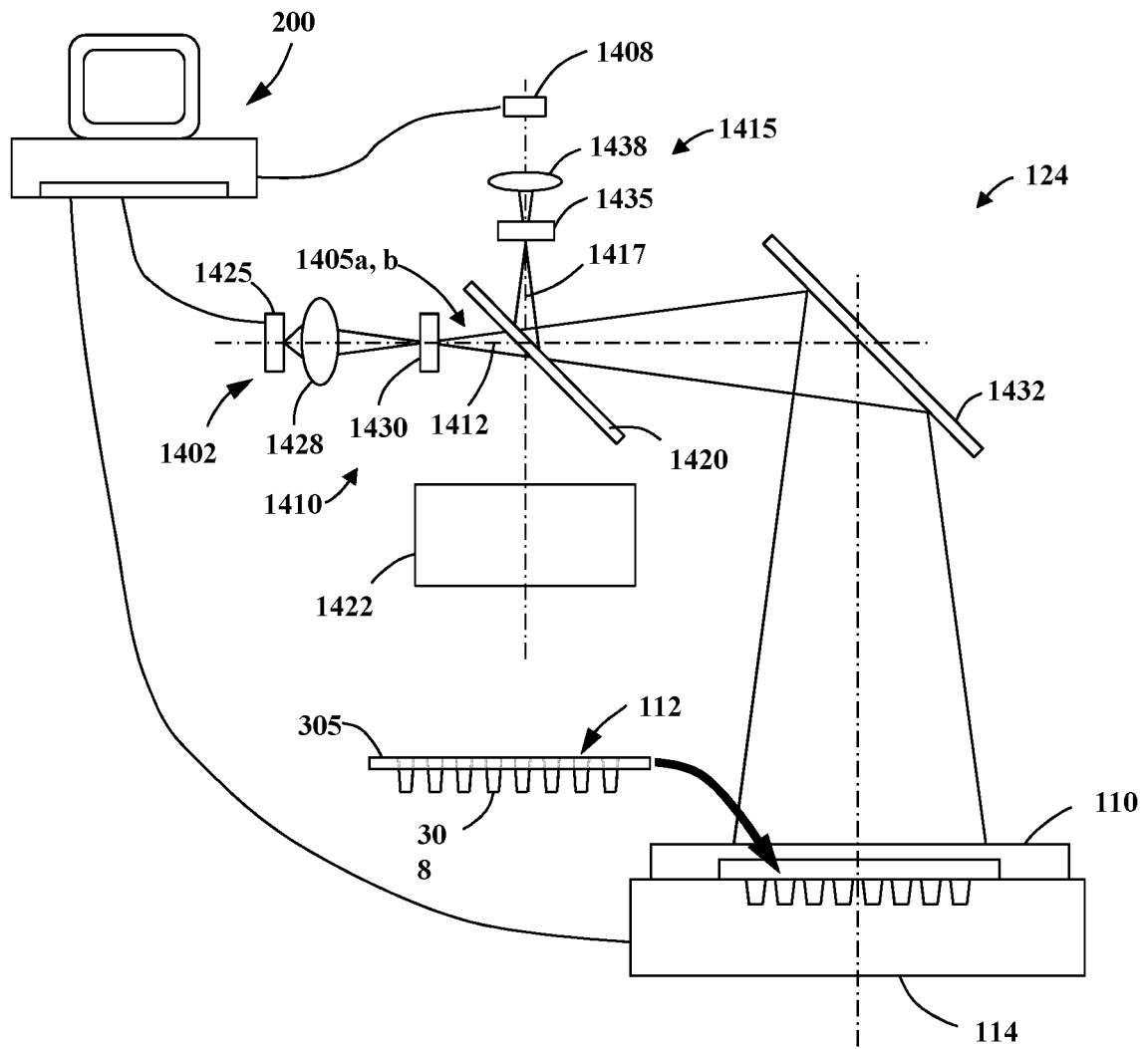


FIG. 7

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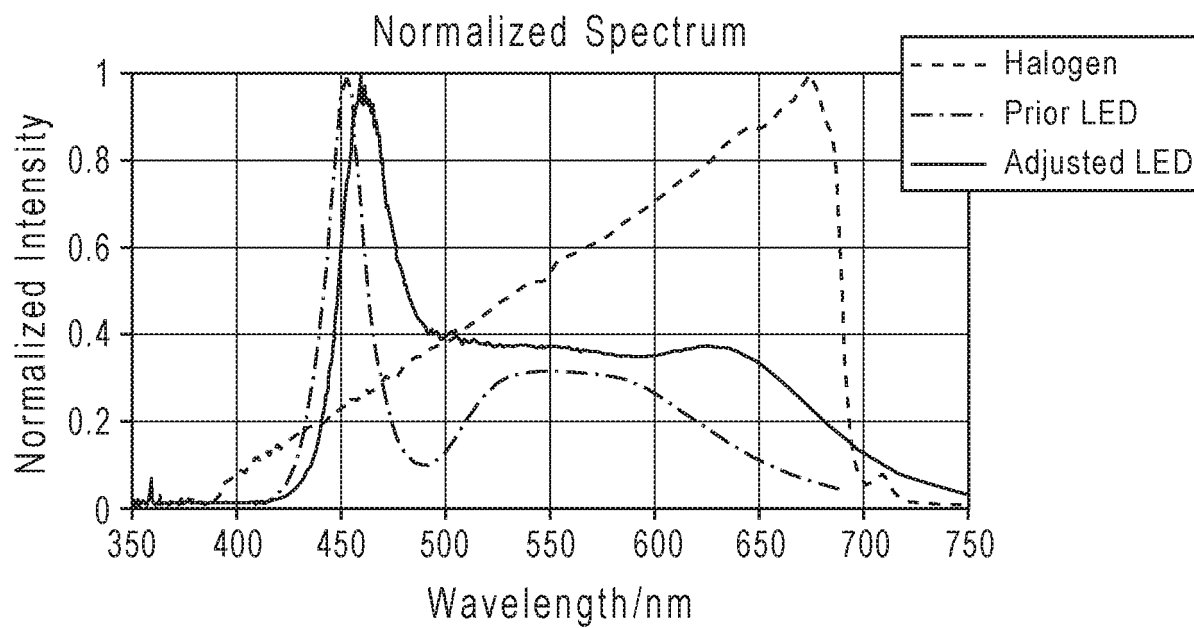


FIG. 8

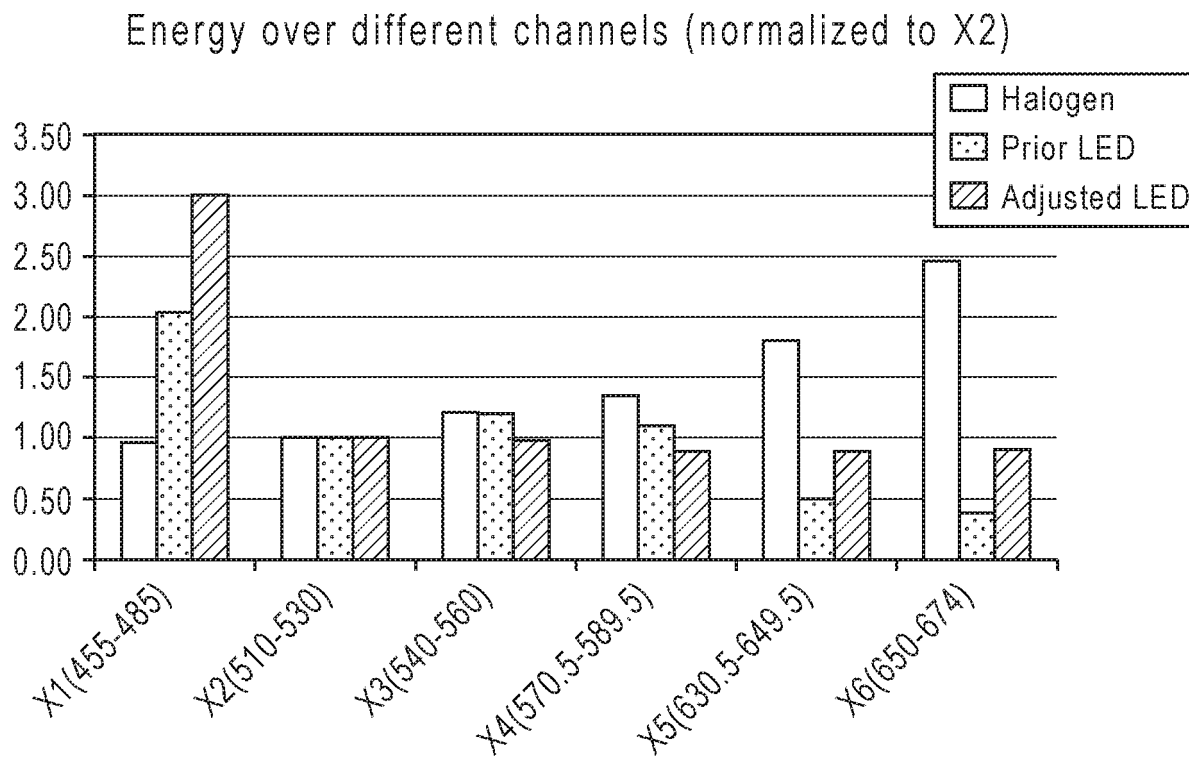


FIG. 9

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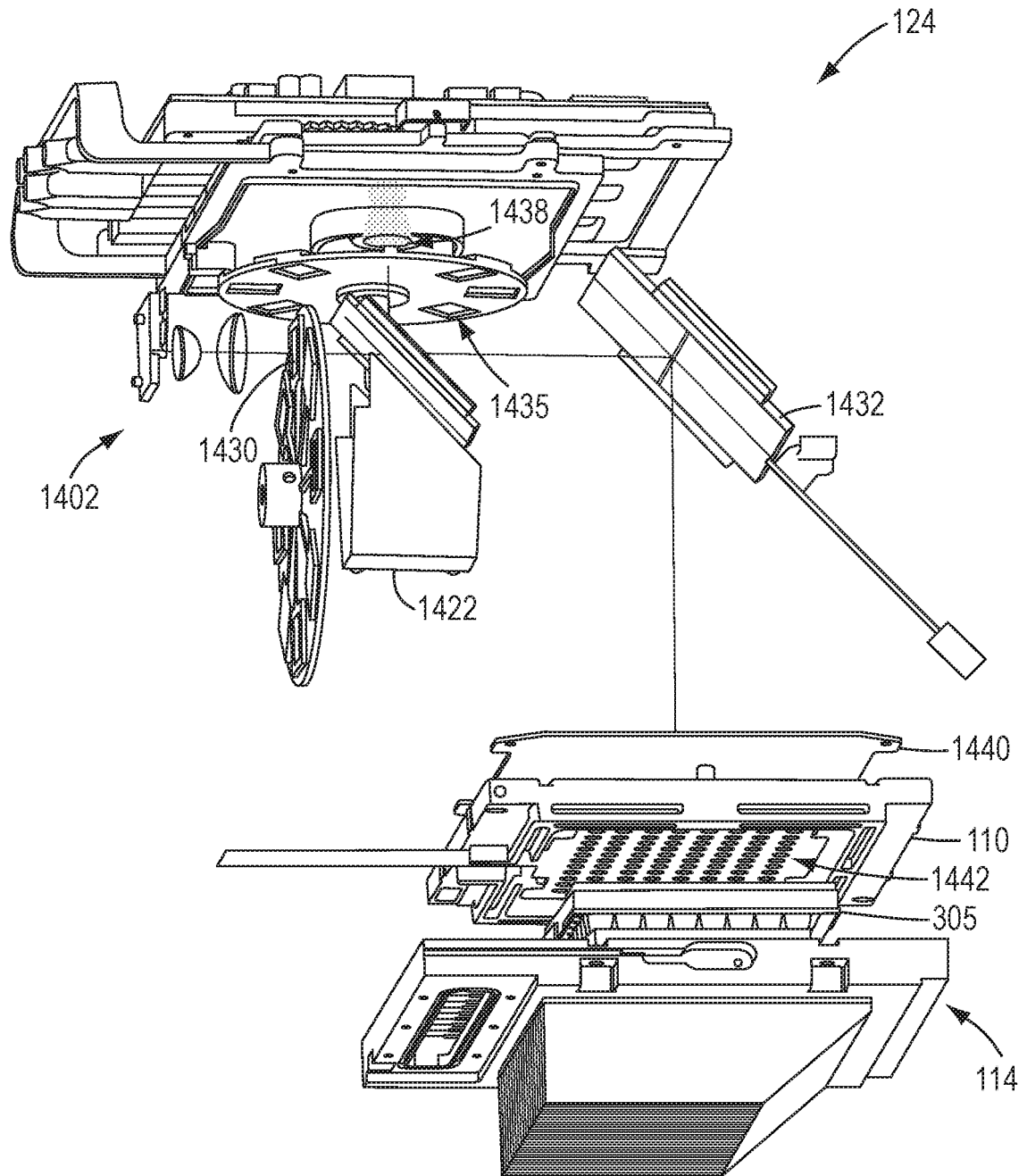


FIG. 10

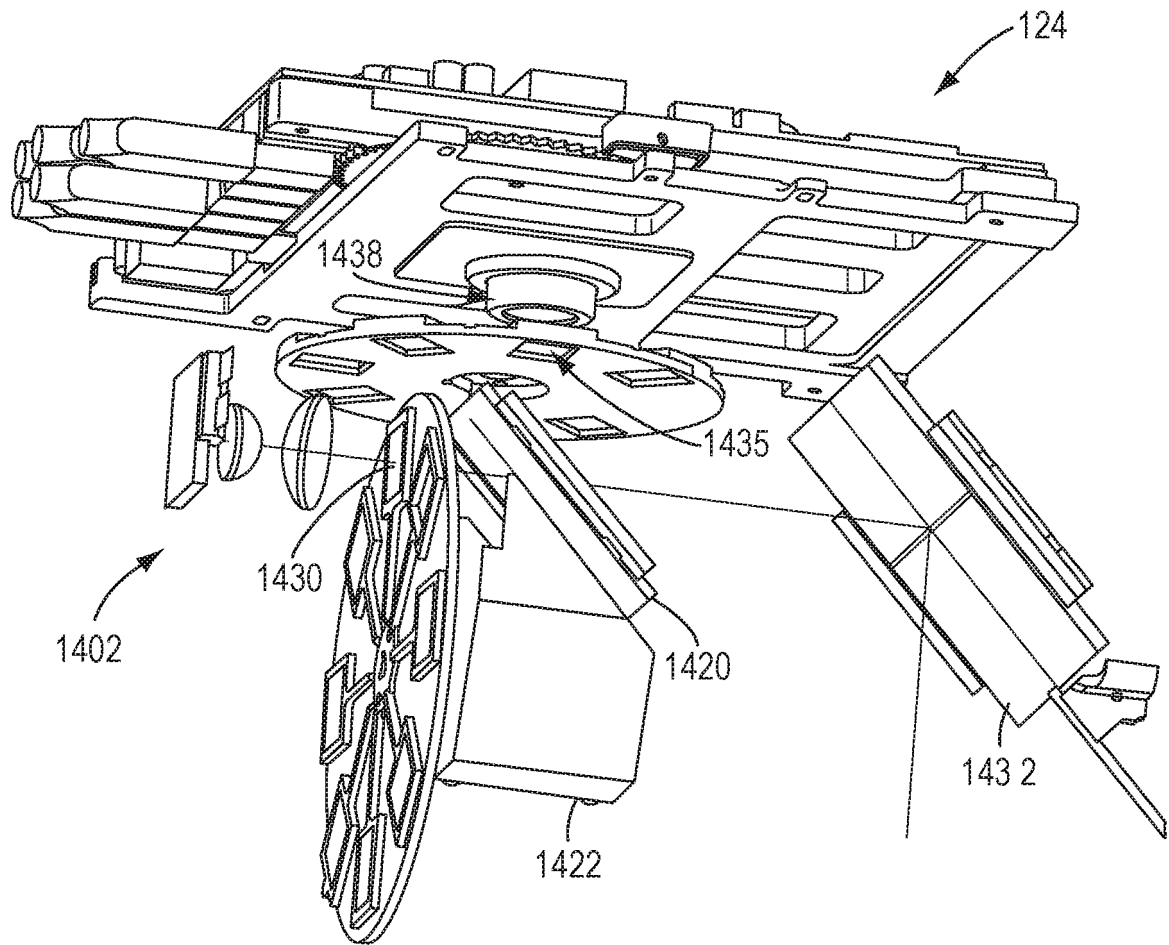


FIG. 11

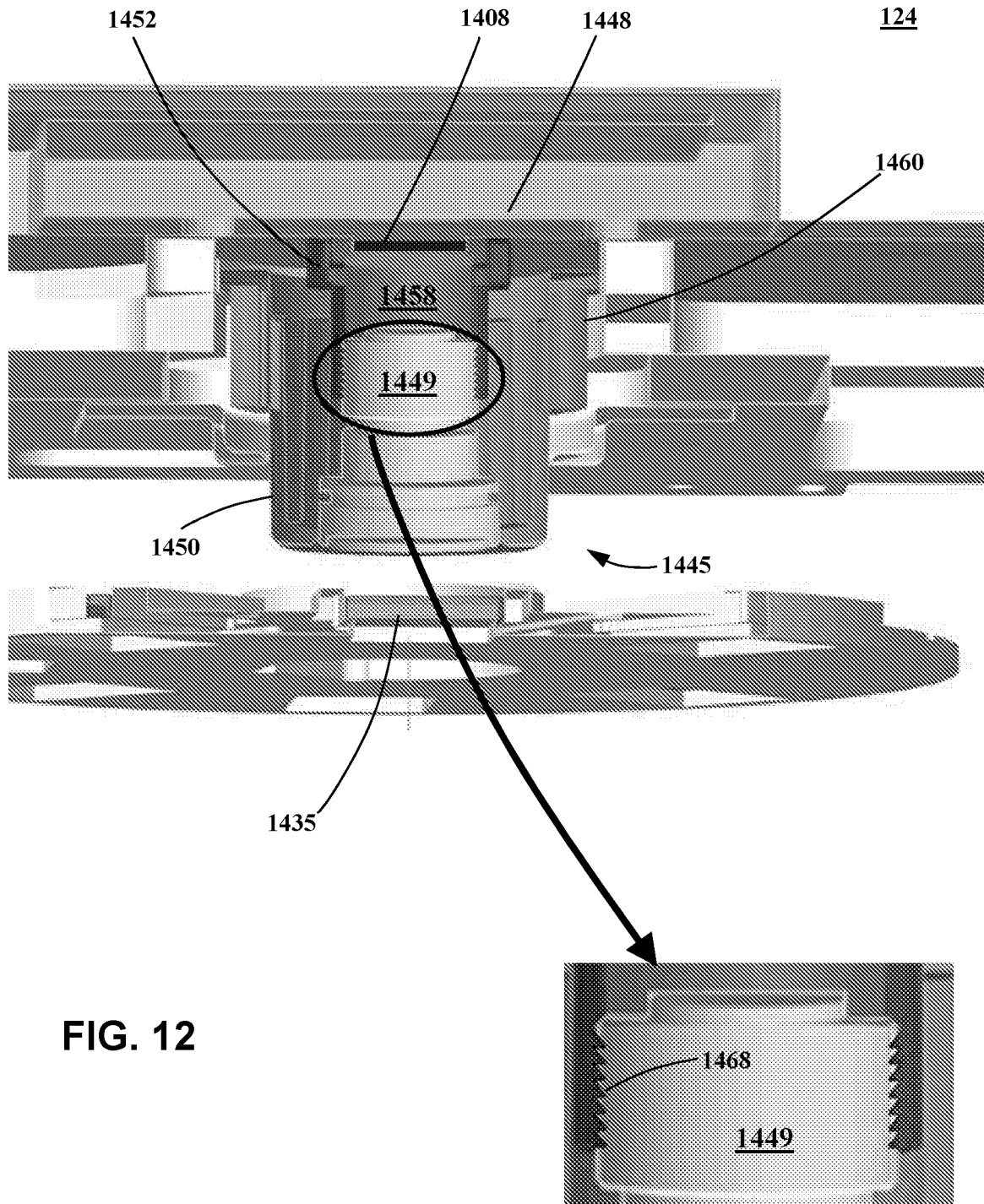


FIG. 12

FIG. 13

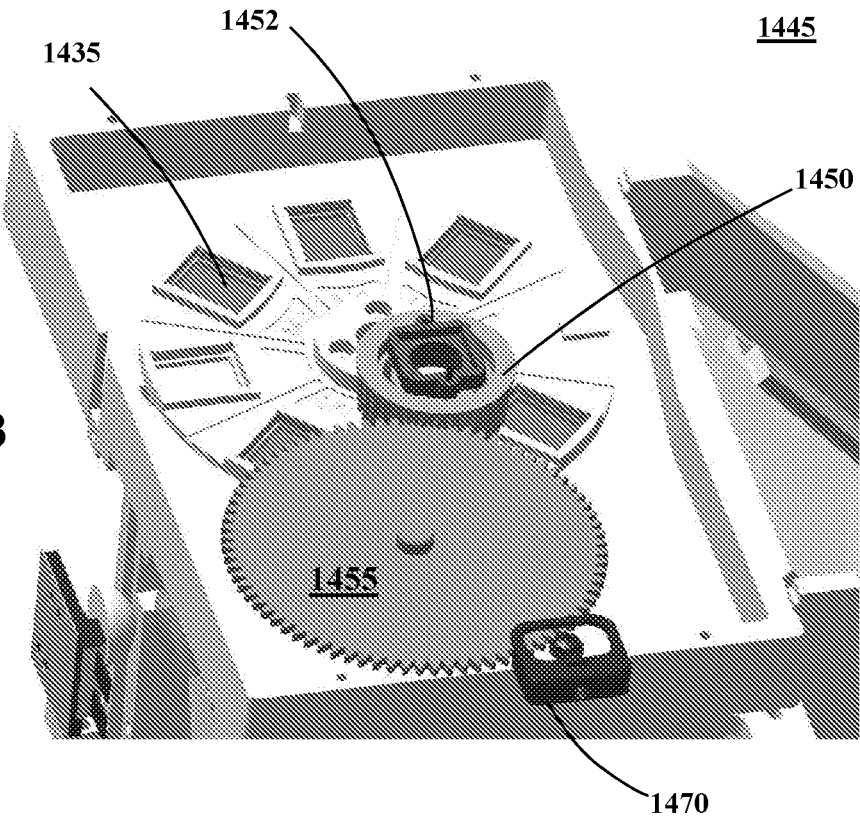
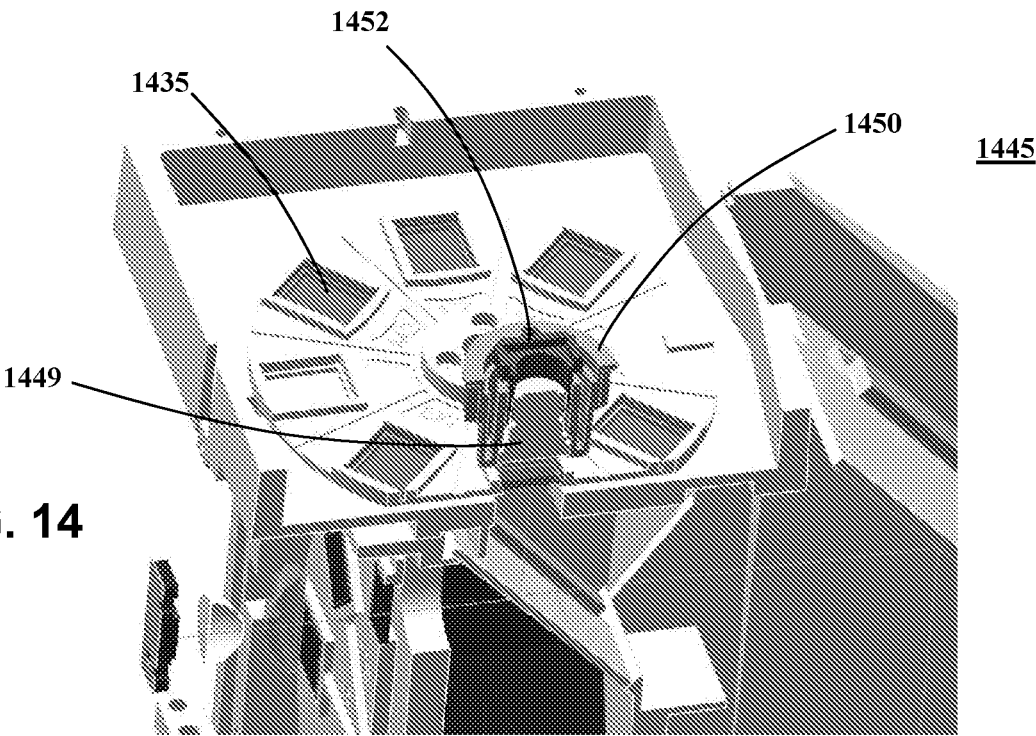


FIG. 14



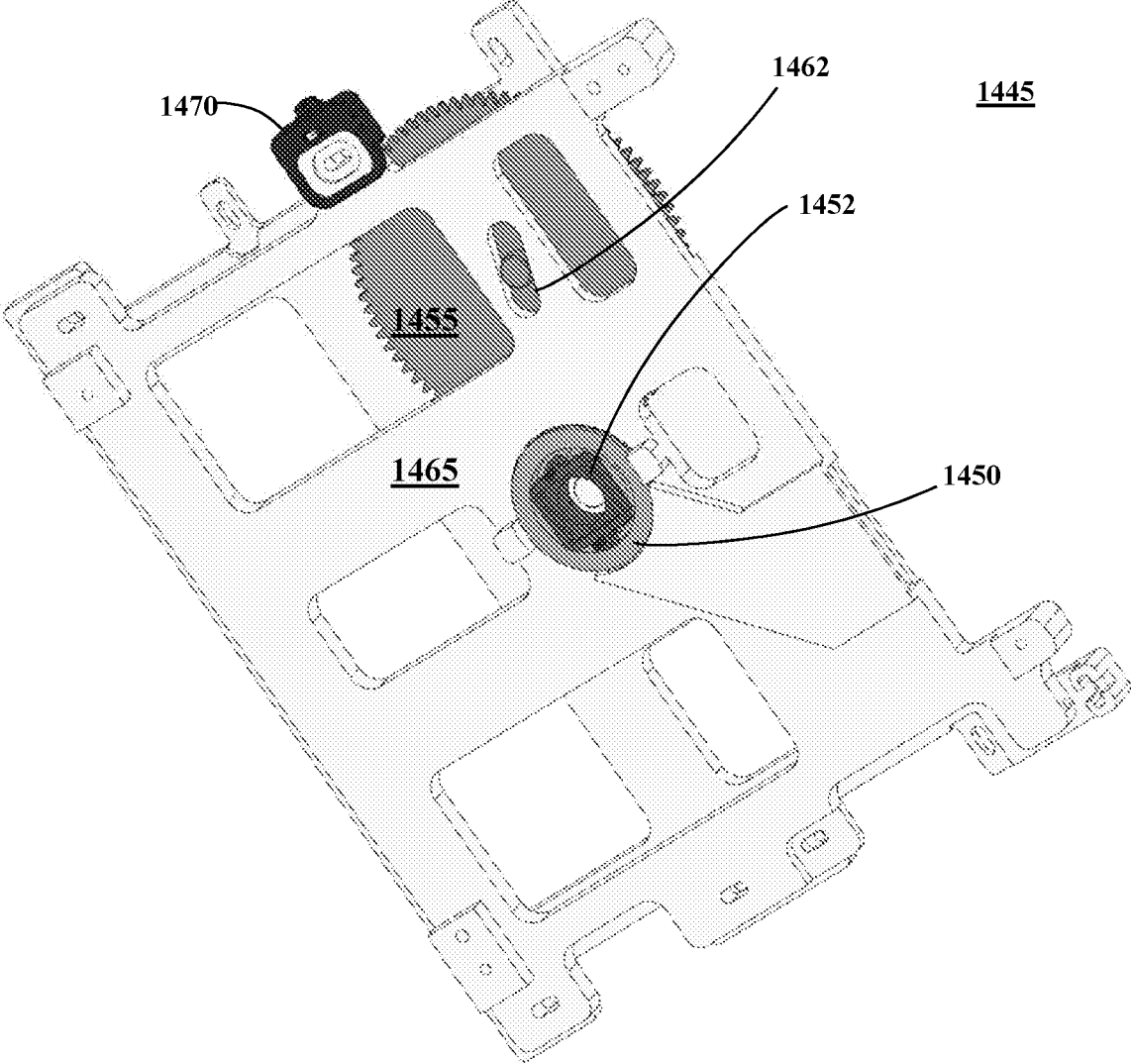


FIG. 15

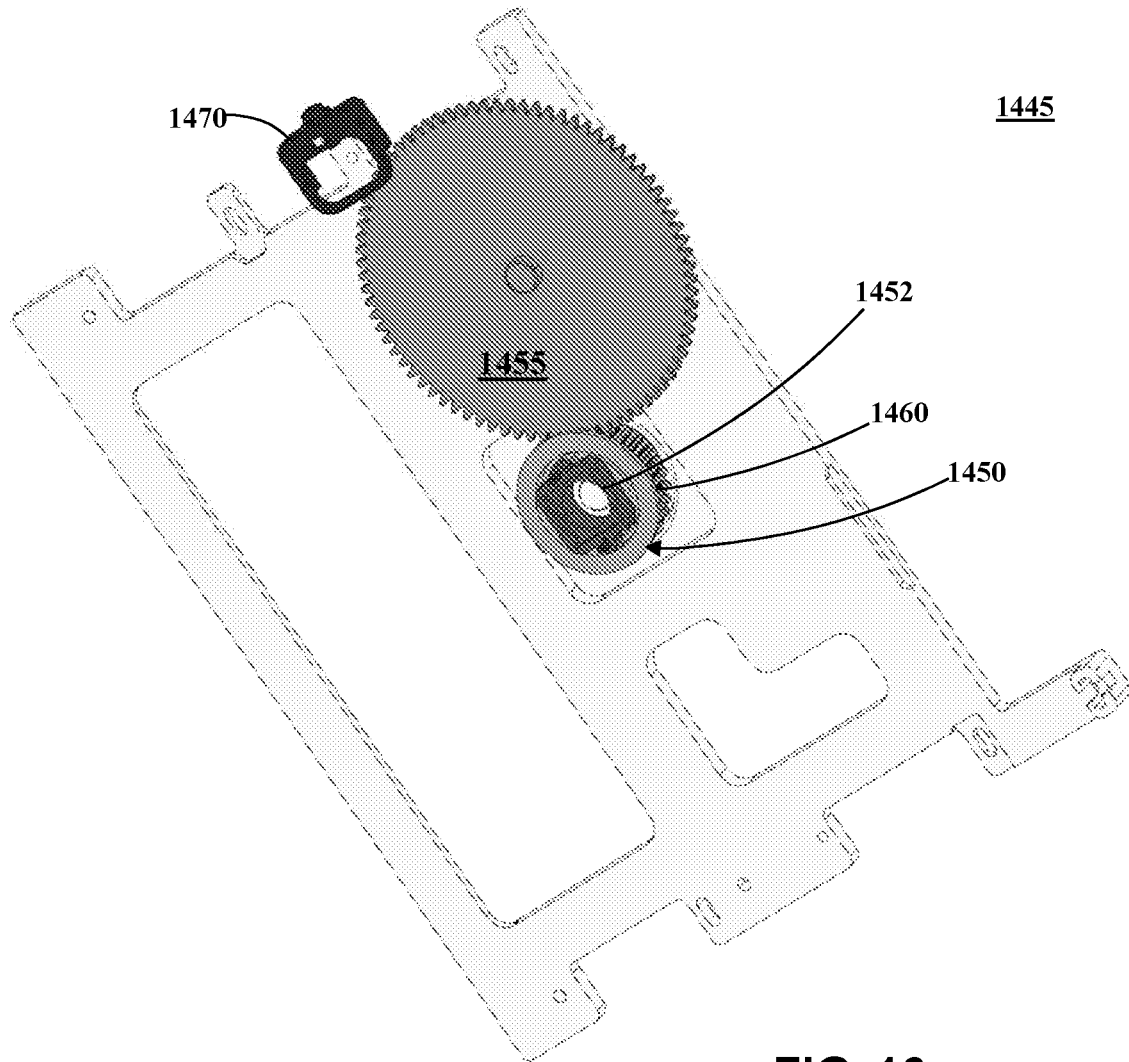


FIG. 16

FIG. 17

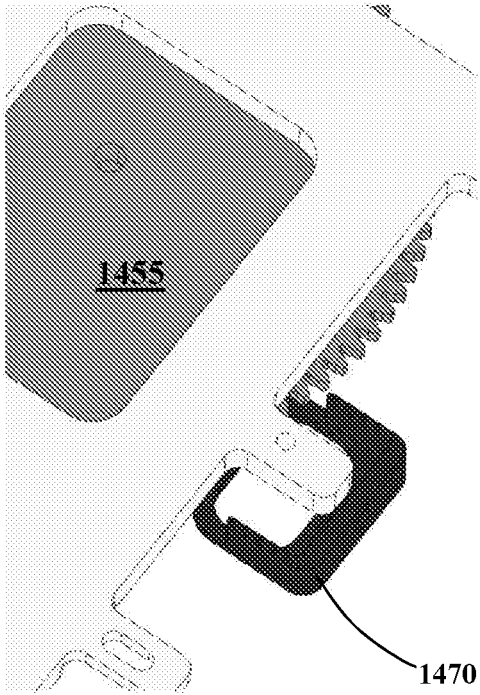


FIG. 18

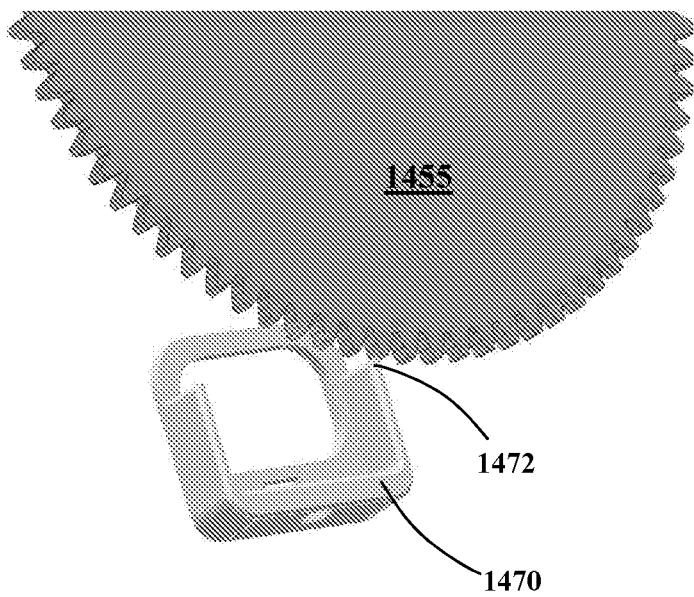
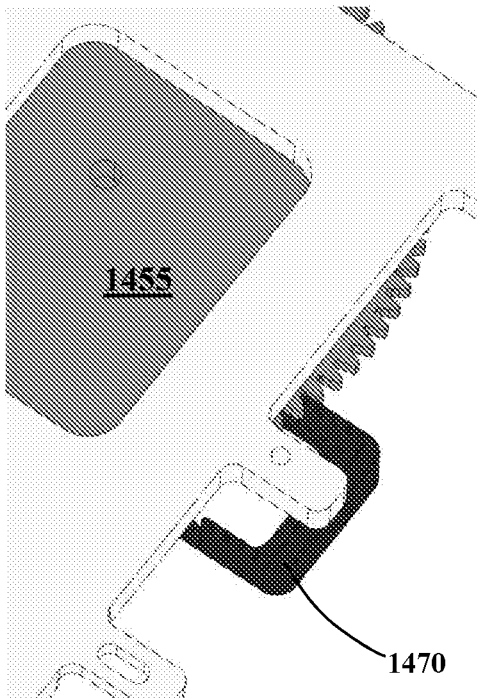


FIG. 19

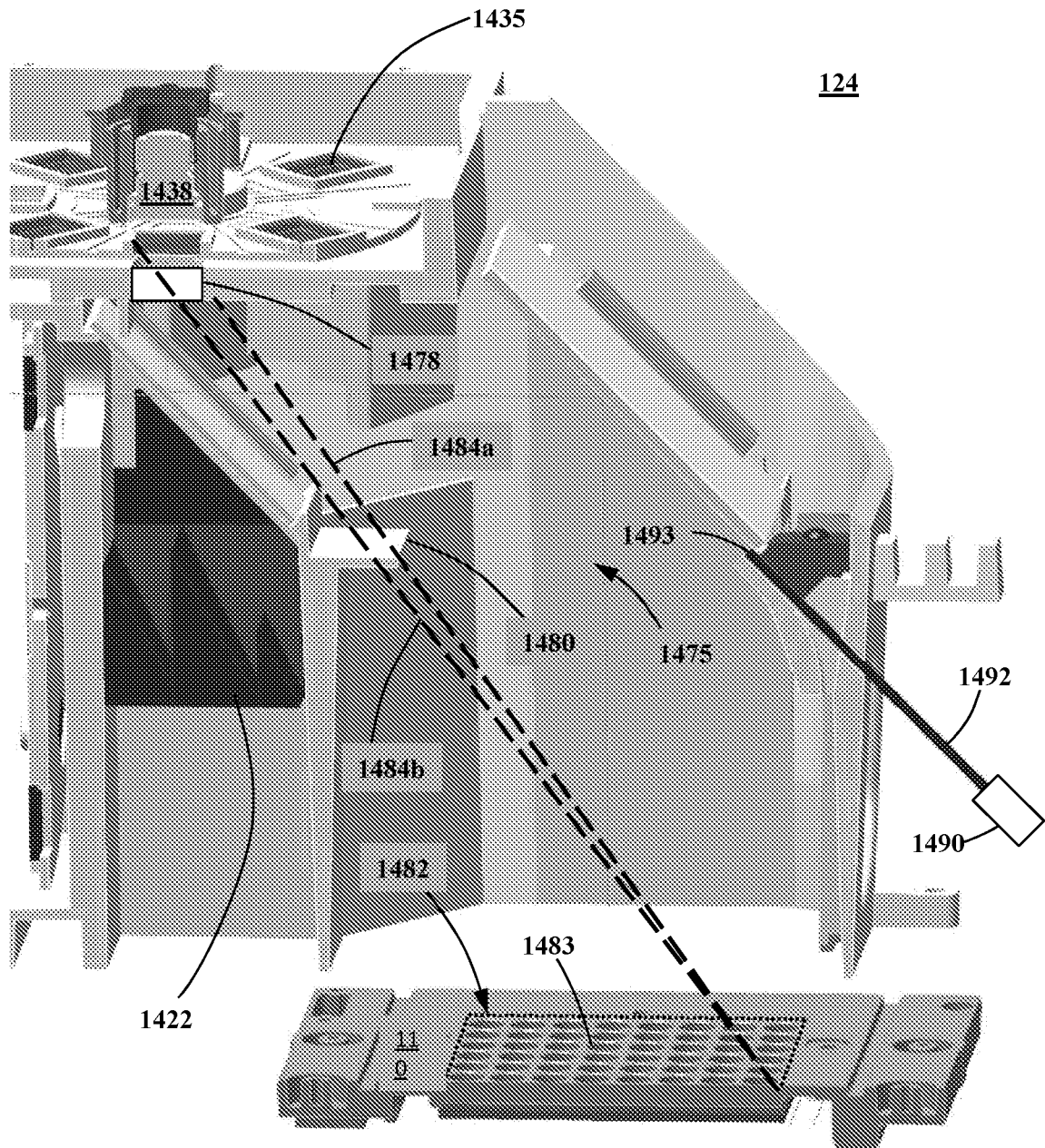


FIG. 20

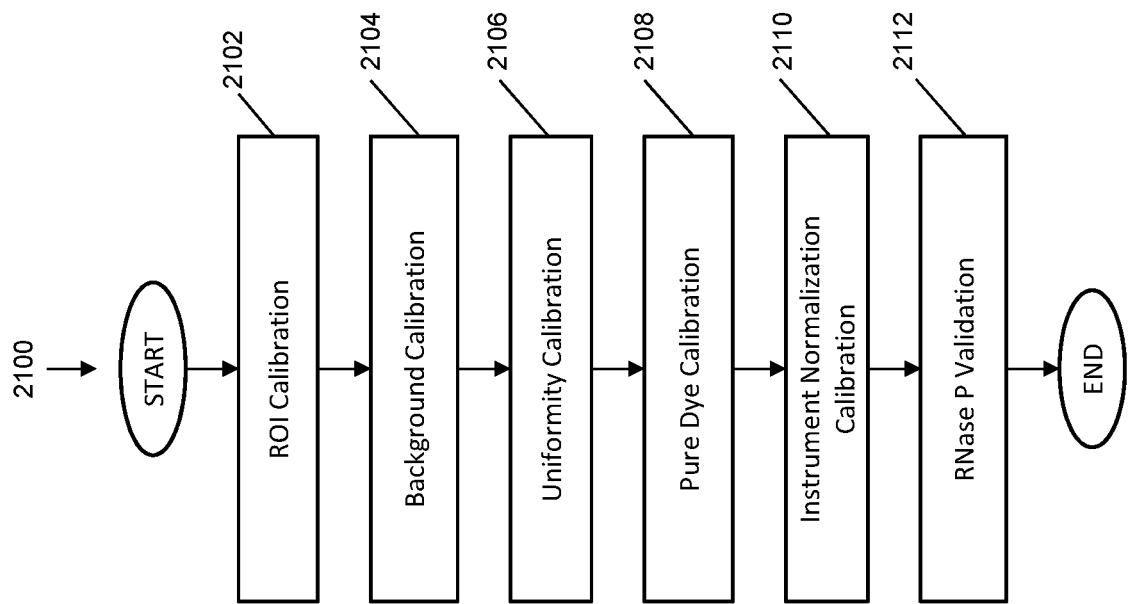


FIG. 21

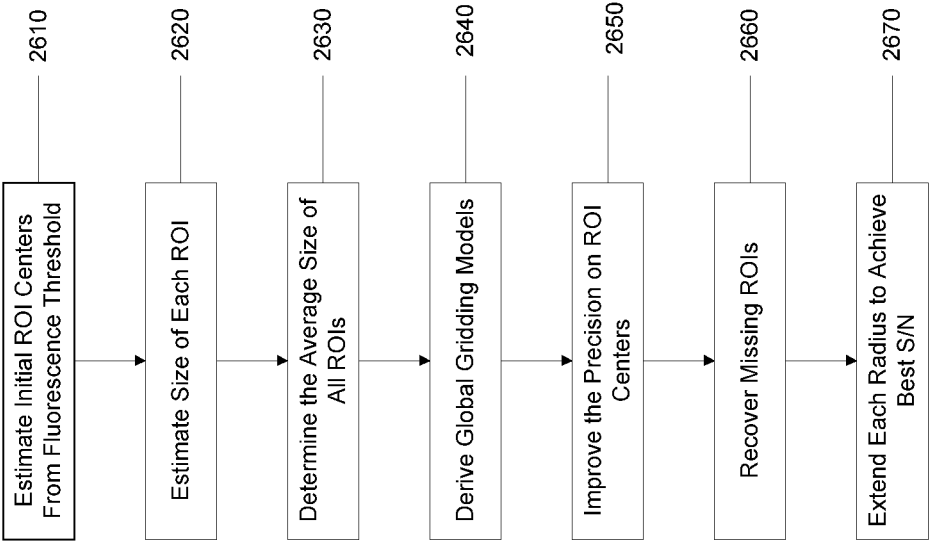


FIG. 22

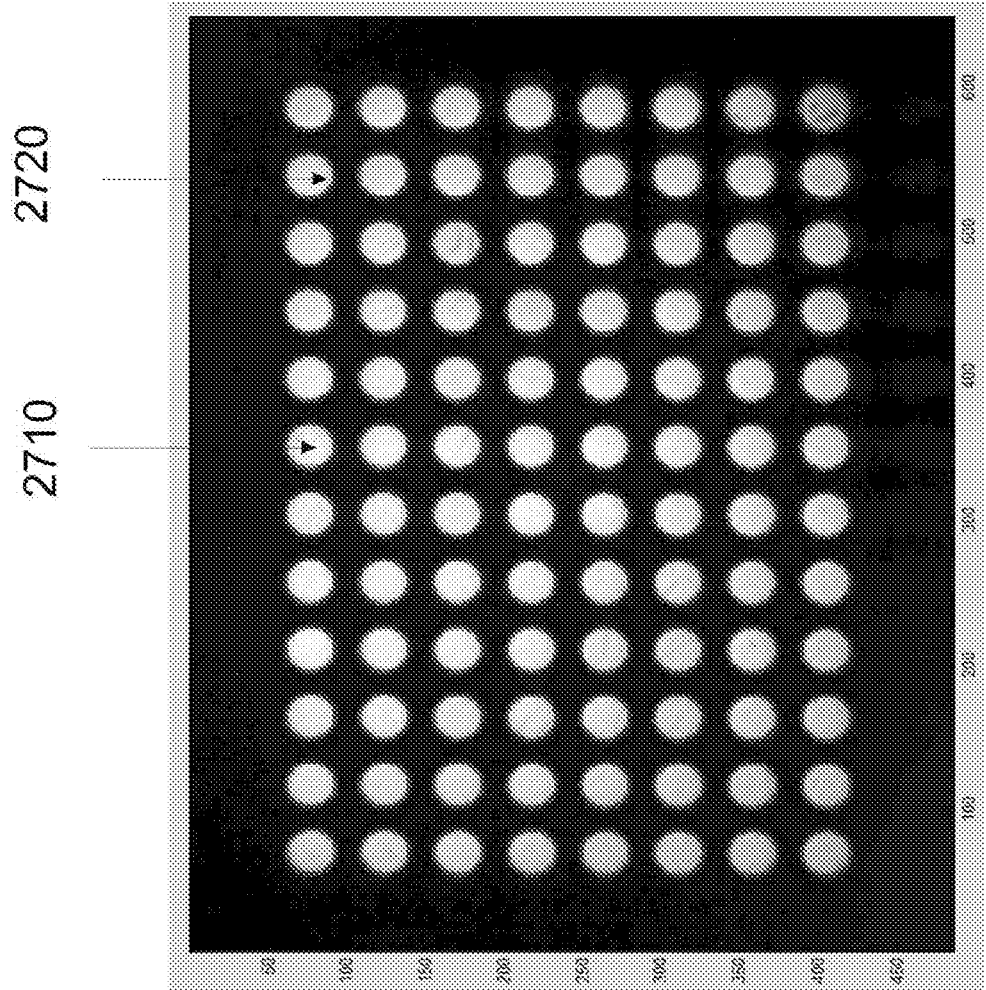


FIG. 23

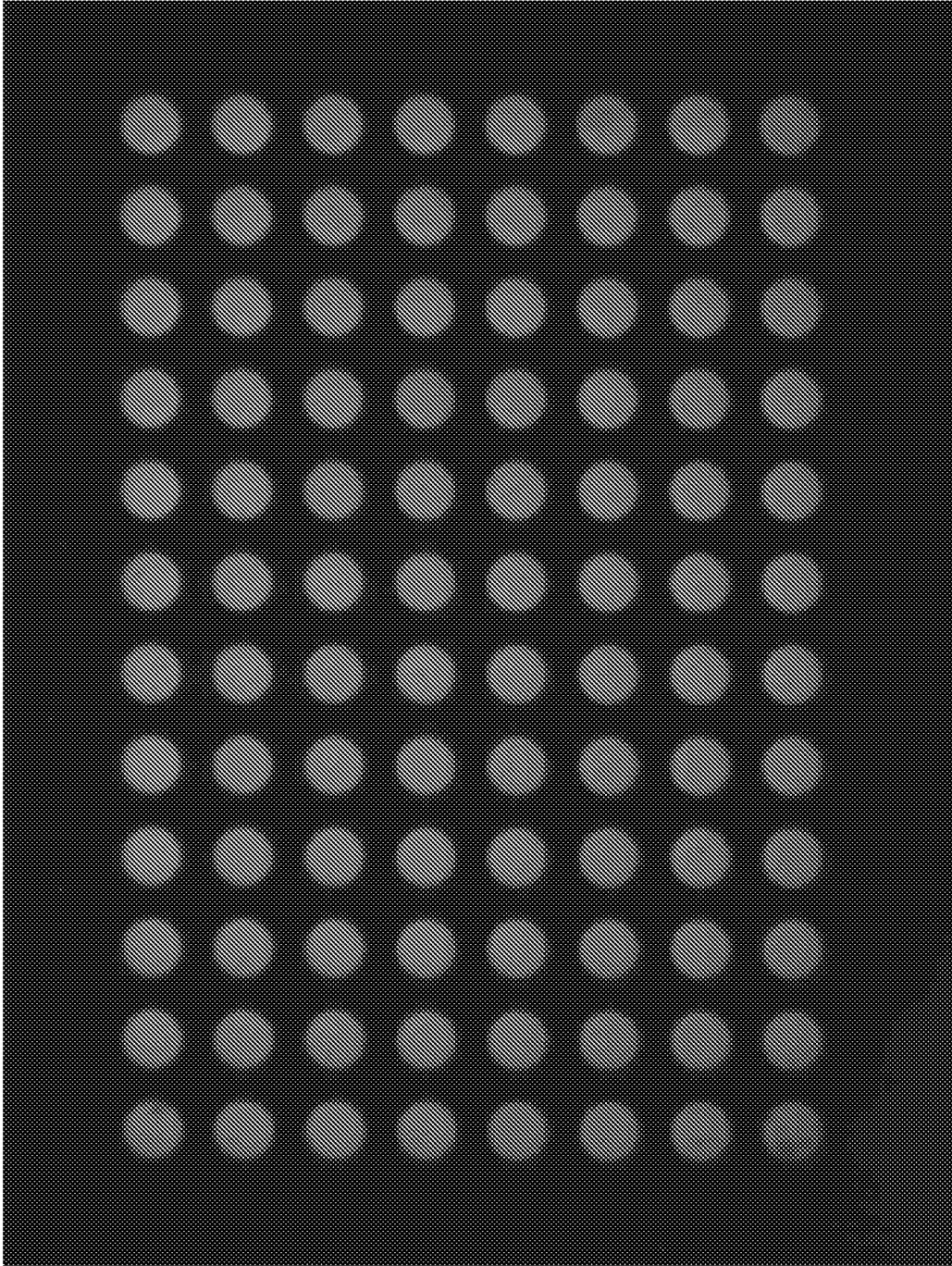


FIG. 24

2900

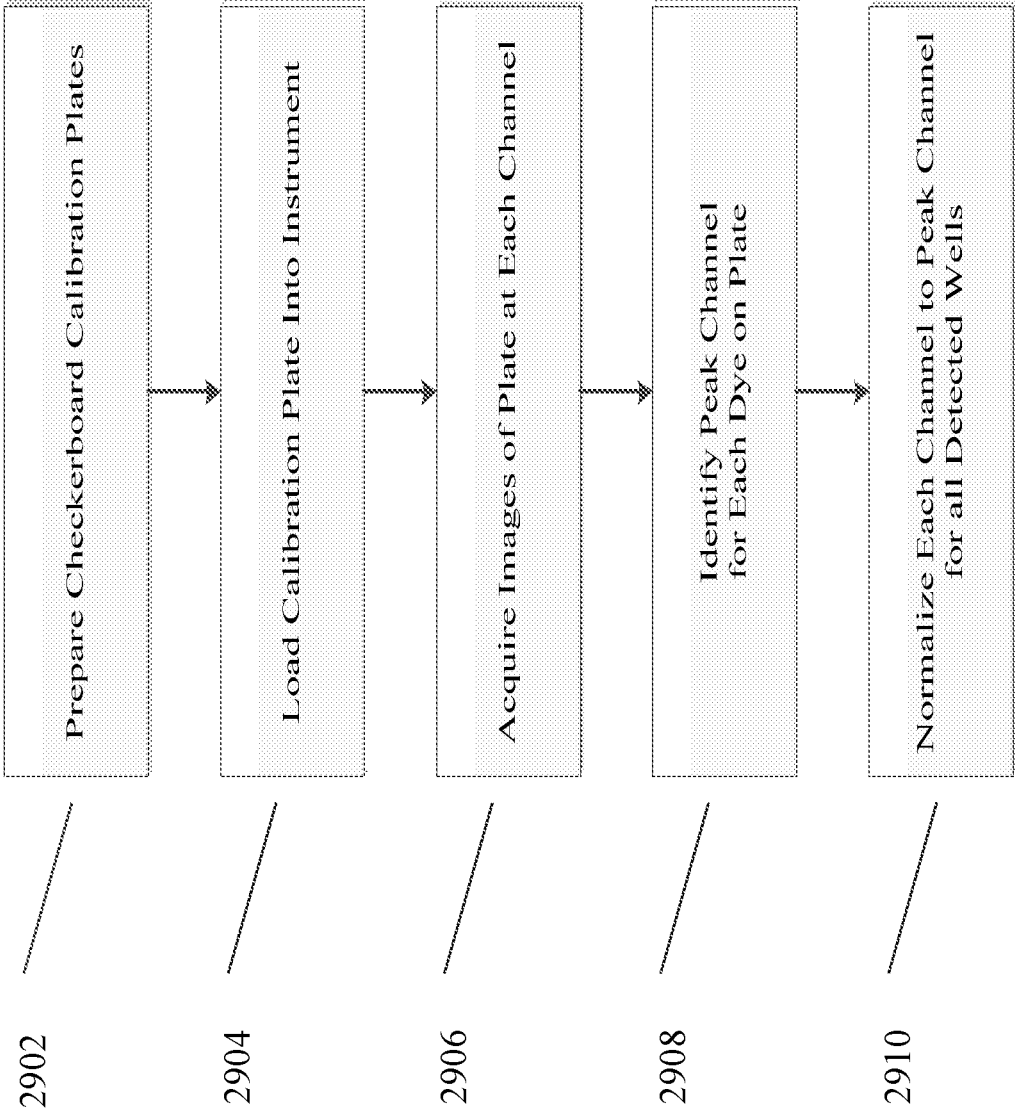


FIG. 25

2900

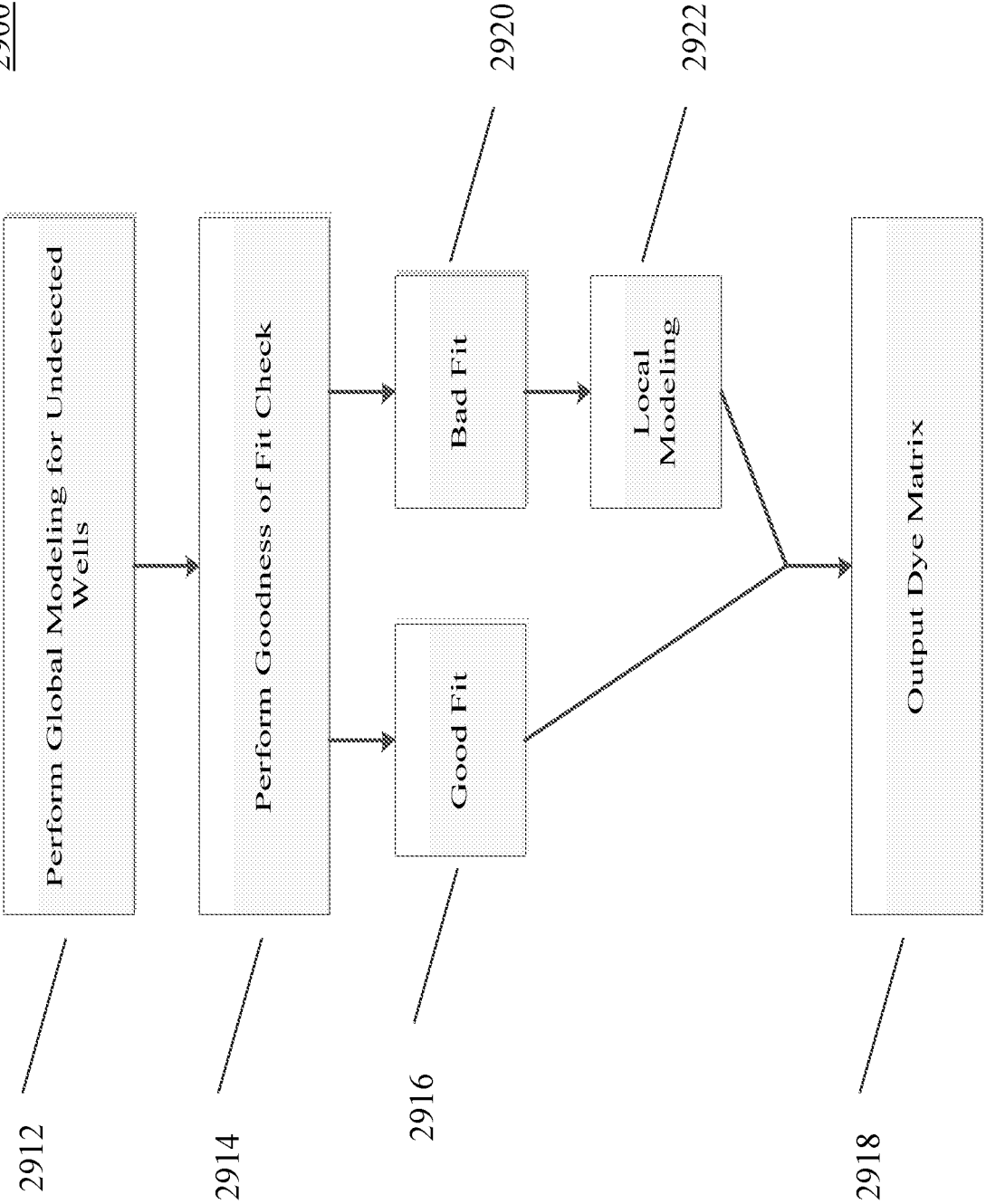


FIG. 26

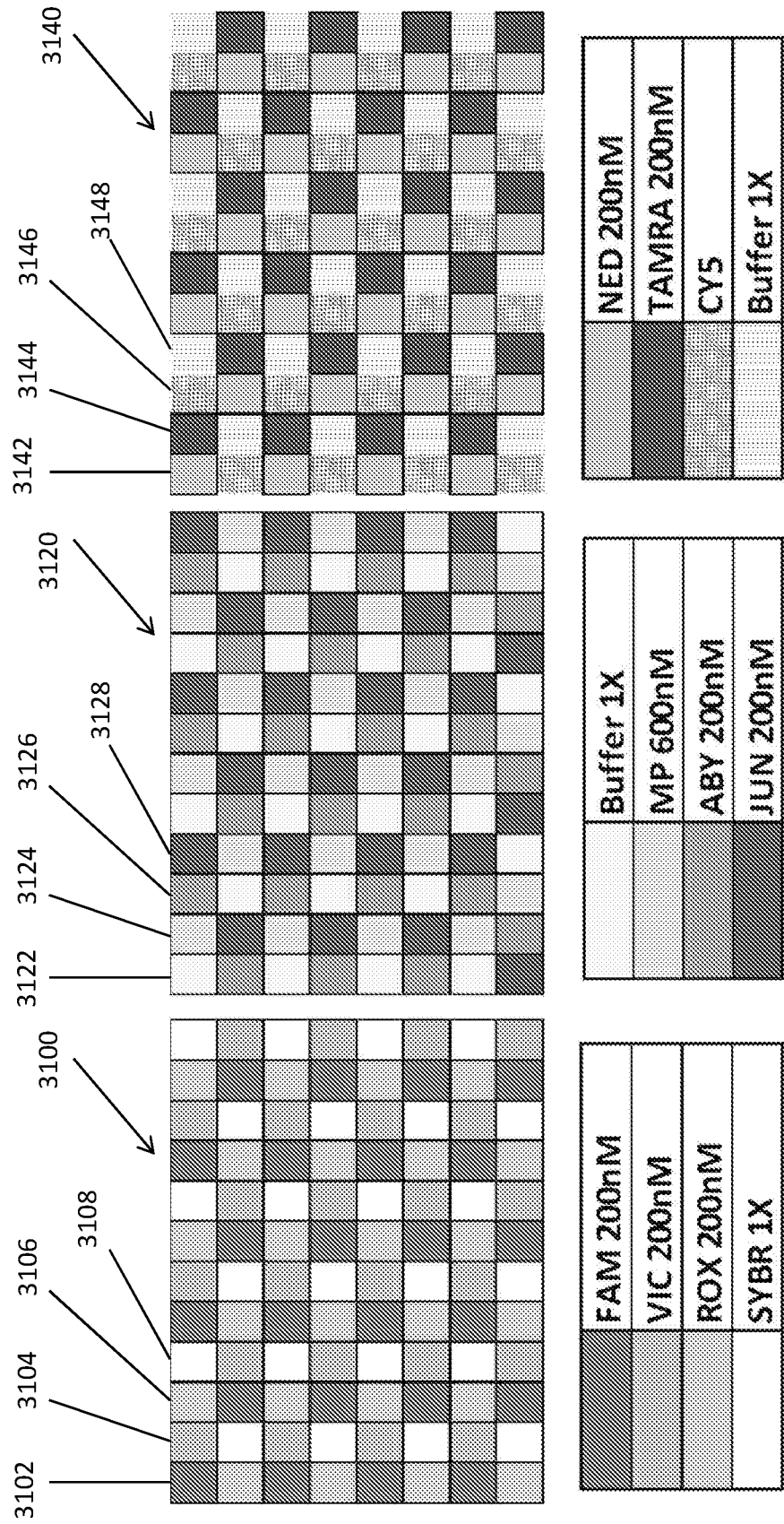


FIG. 27A

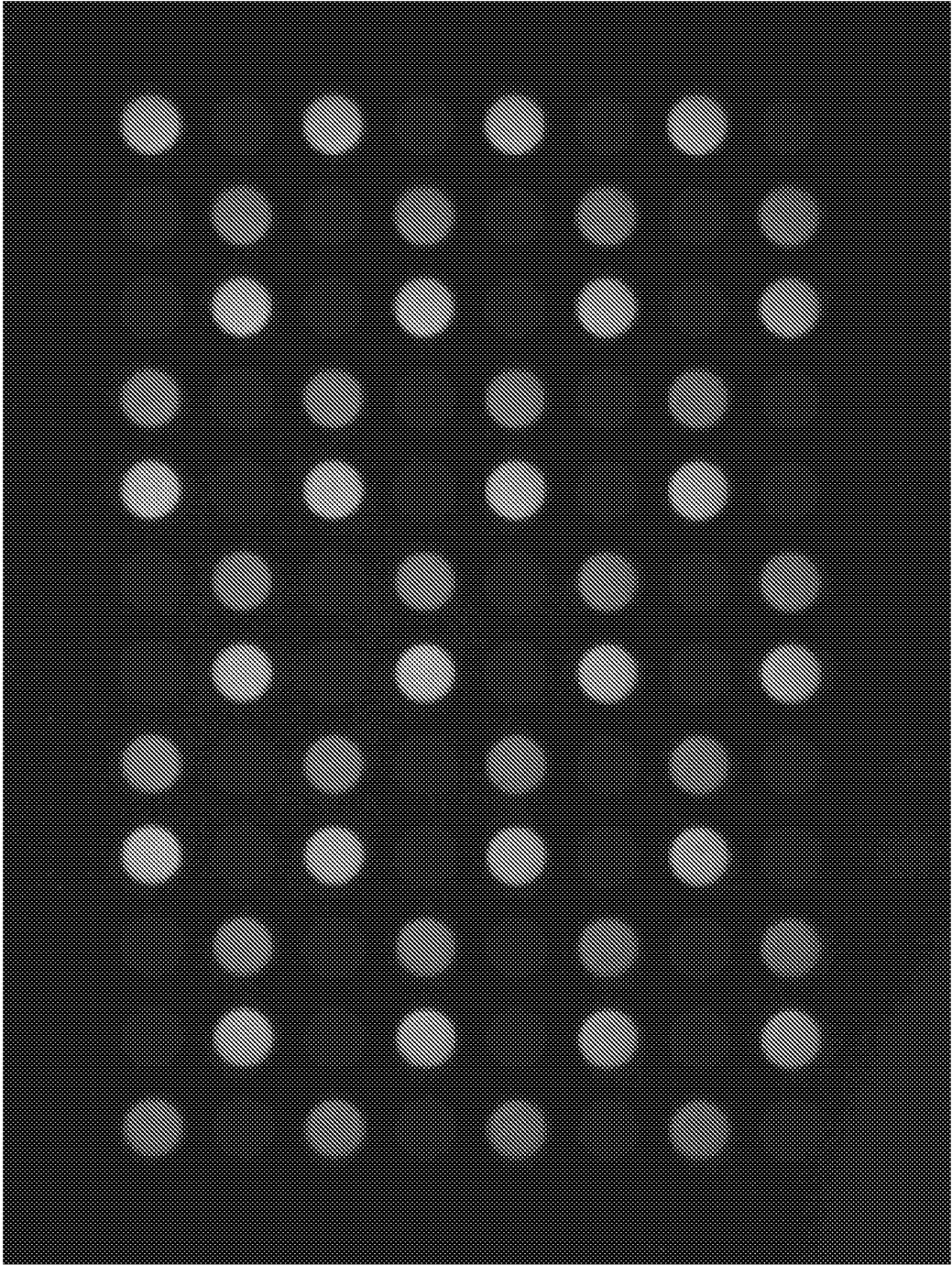


FIG. 27B

Dyes	Main Channel
FAM	X1M1
SYBR	X1M1
VIC	X2M2
HEX	X2M2
NED	X3M3
ABY	X3M3
ROX	X4M4
JUN	X4M4
CY5	X5M5
MP	X5M5

FIG. 28B

DyeMixtures
ABY/MP
CY5/ROX
FAM/MP
FAM/ROX
JUN/MP
NED/ROX
VIC/MP
VIC/ROX

FIG. 28A

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FIG. 29

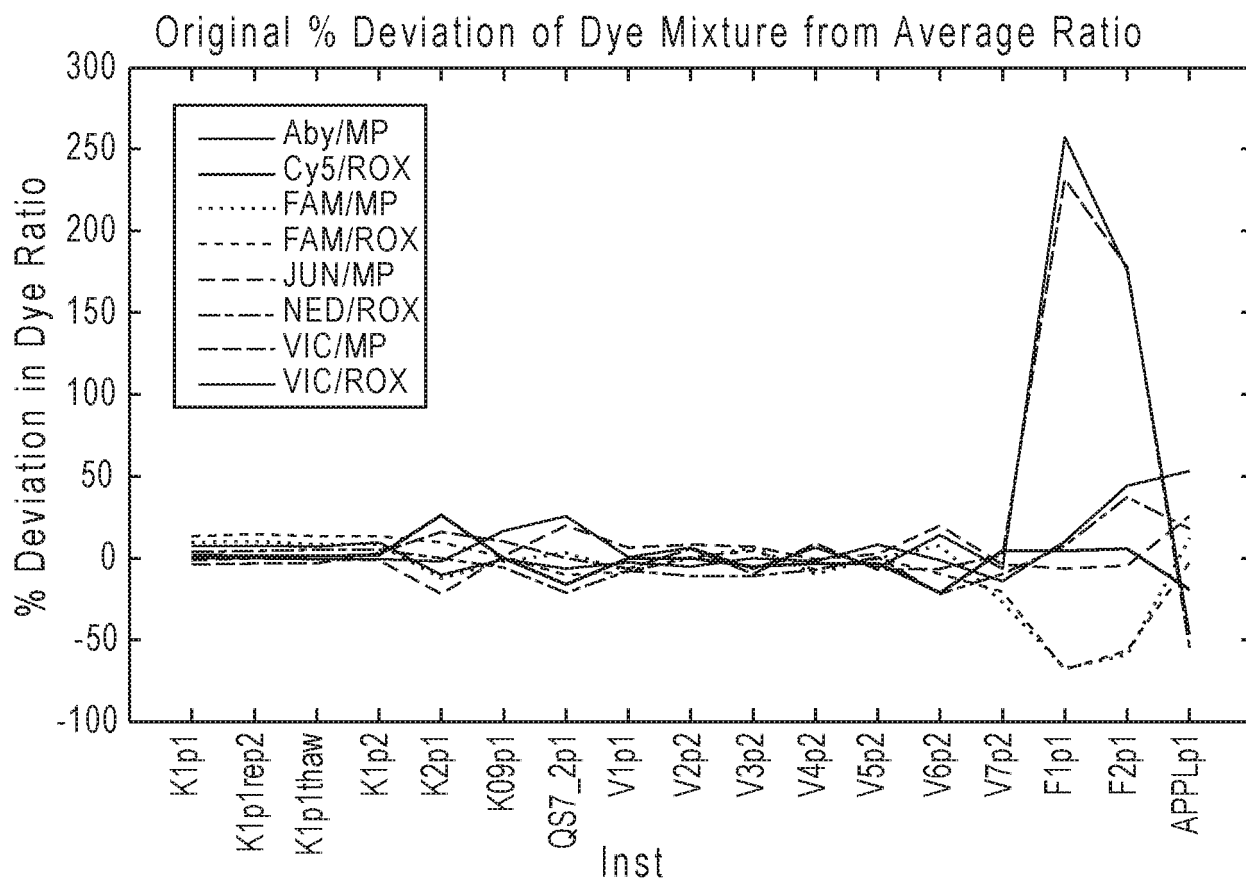
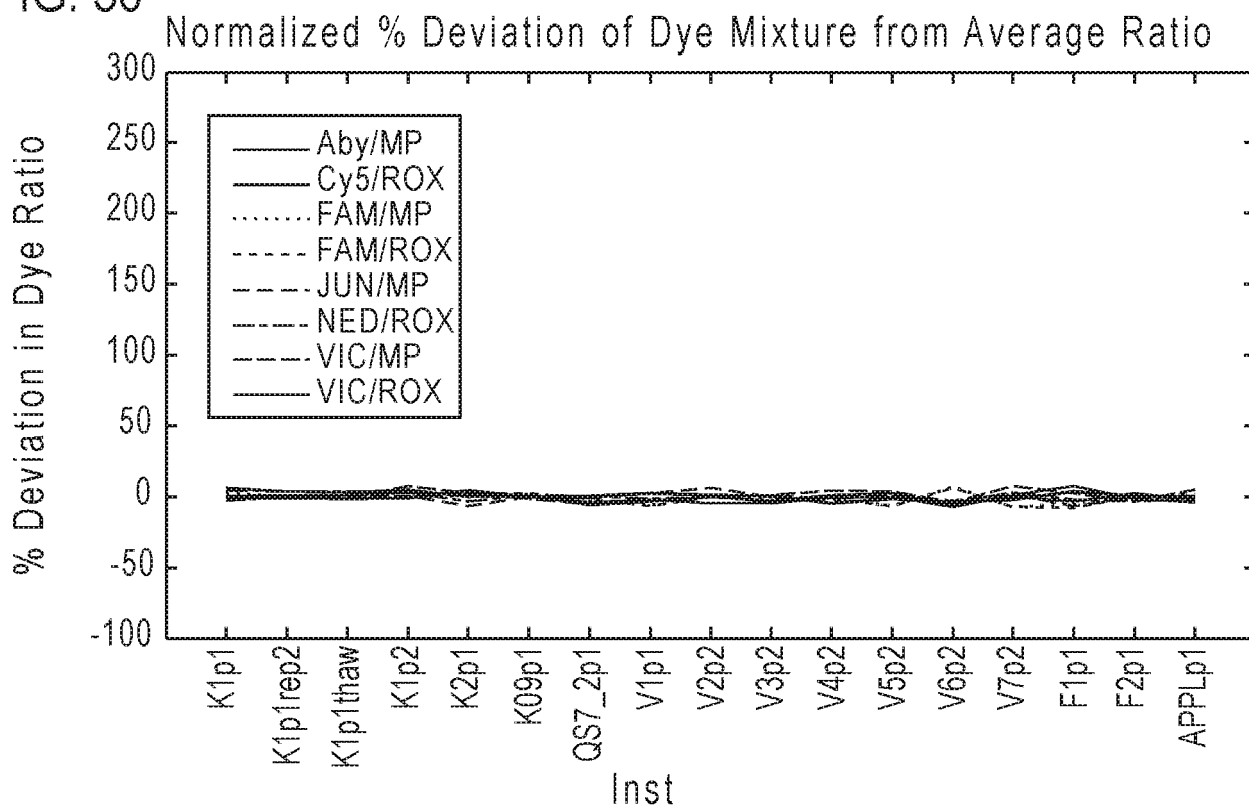


FIG. 30



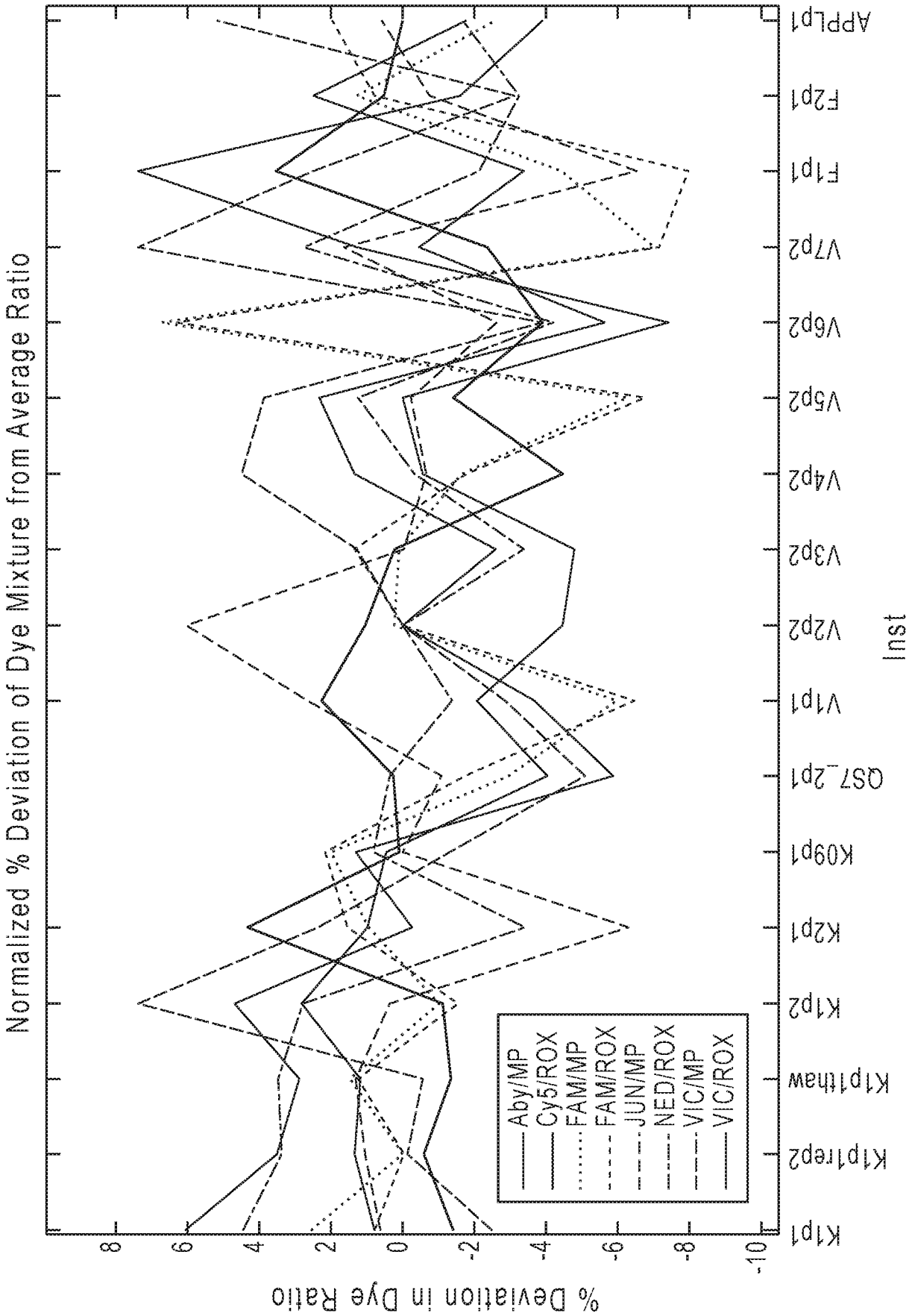
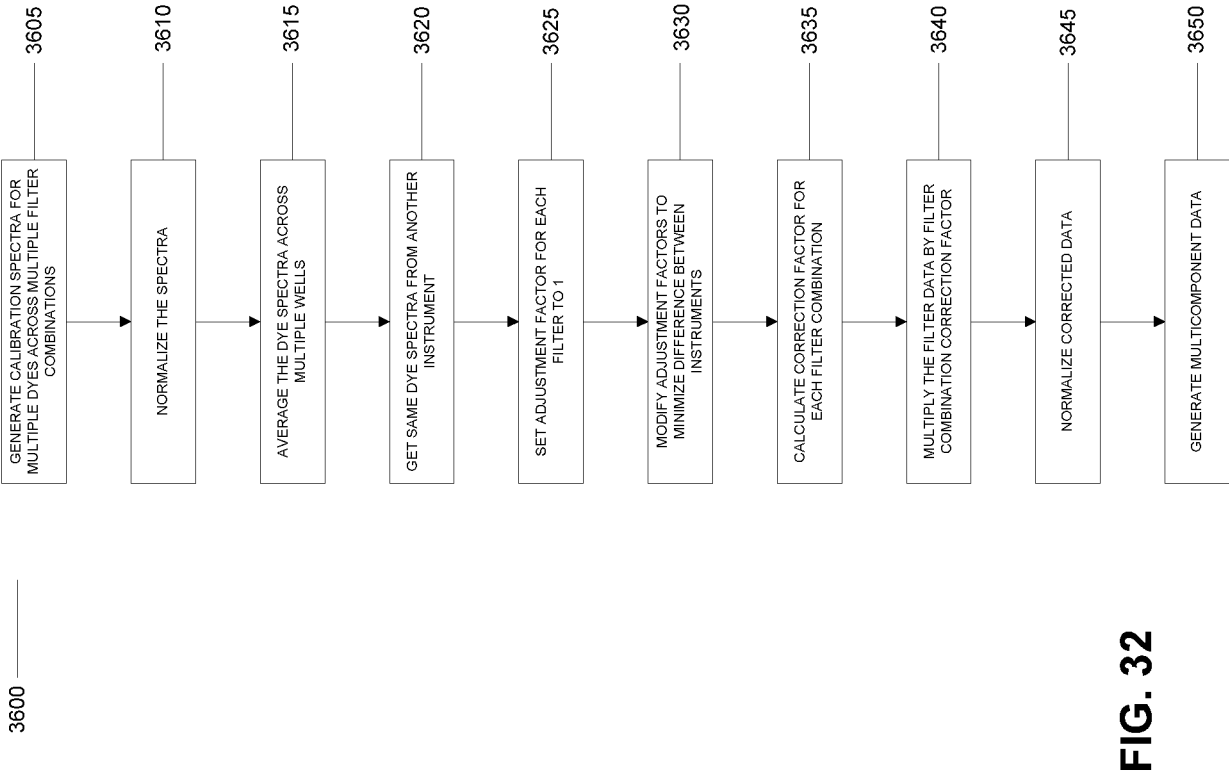


FIG. 31



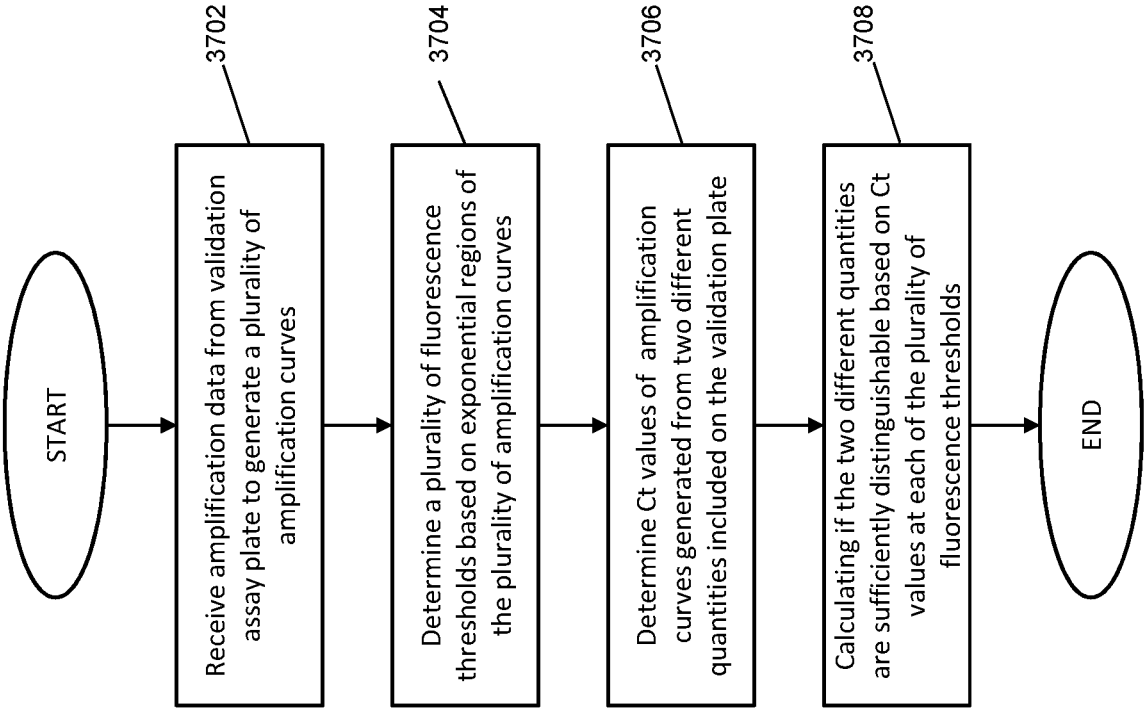
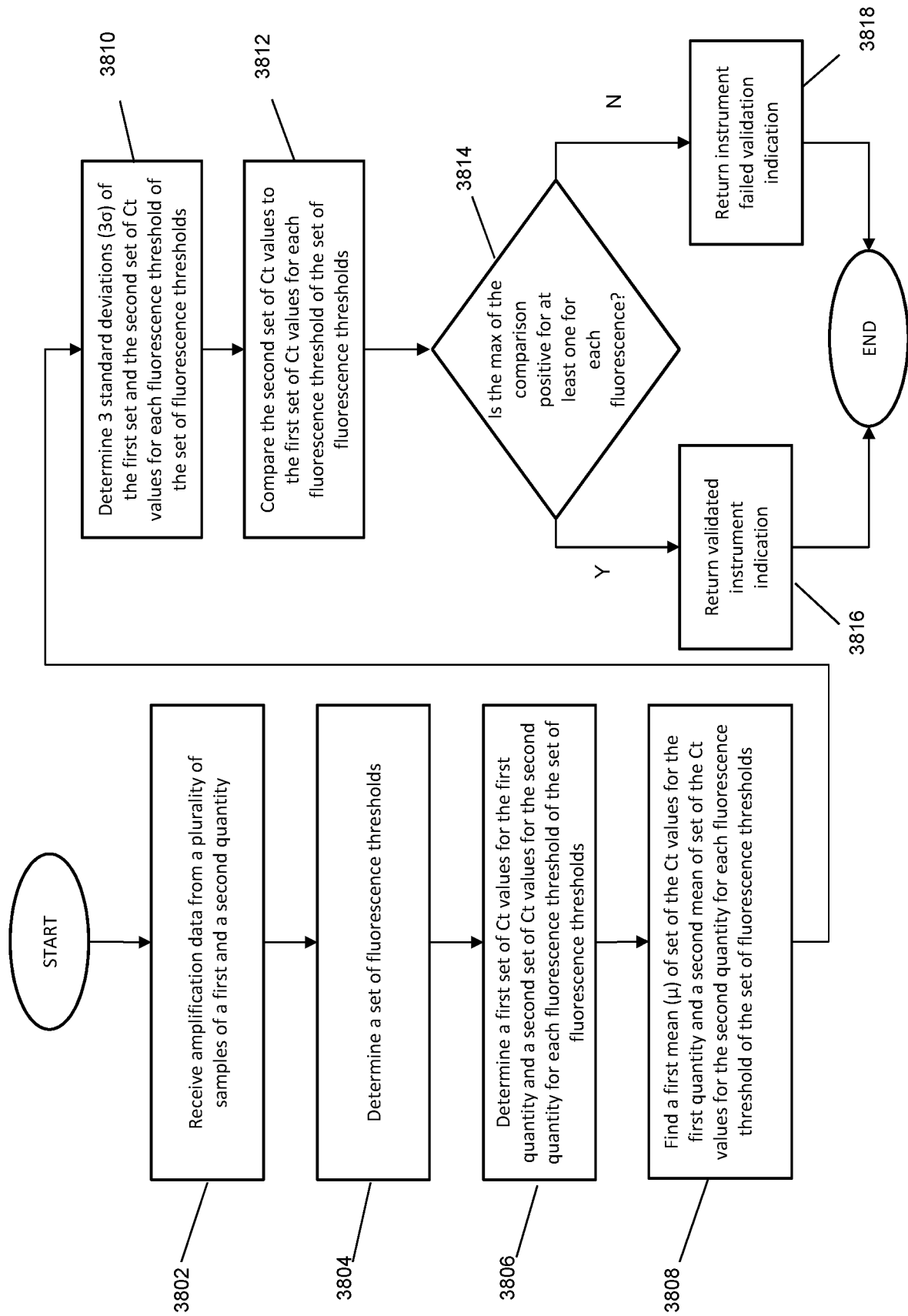


FIG. 33

**FIG. 34**

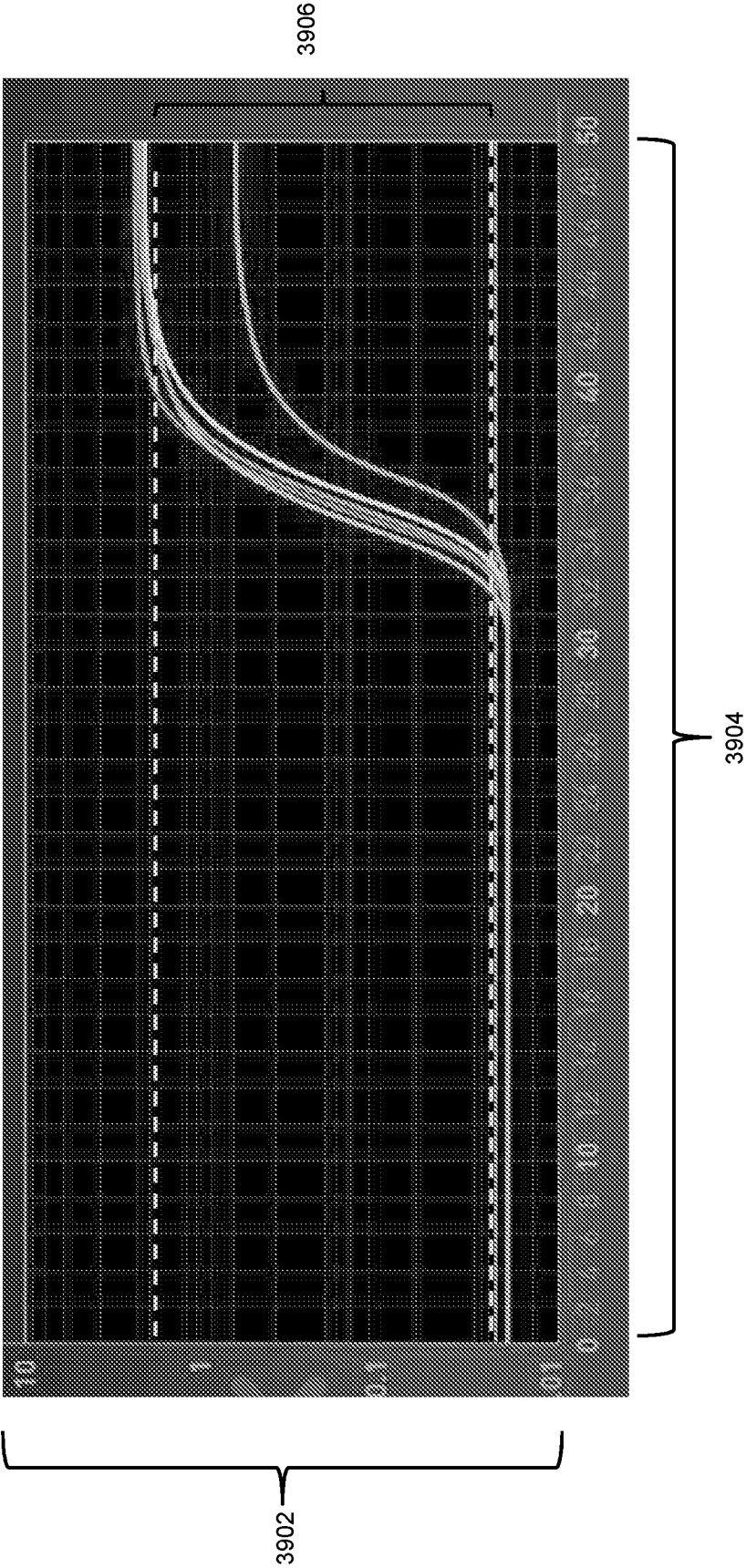


FIG. 35

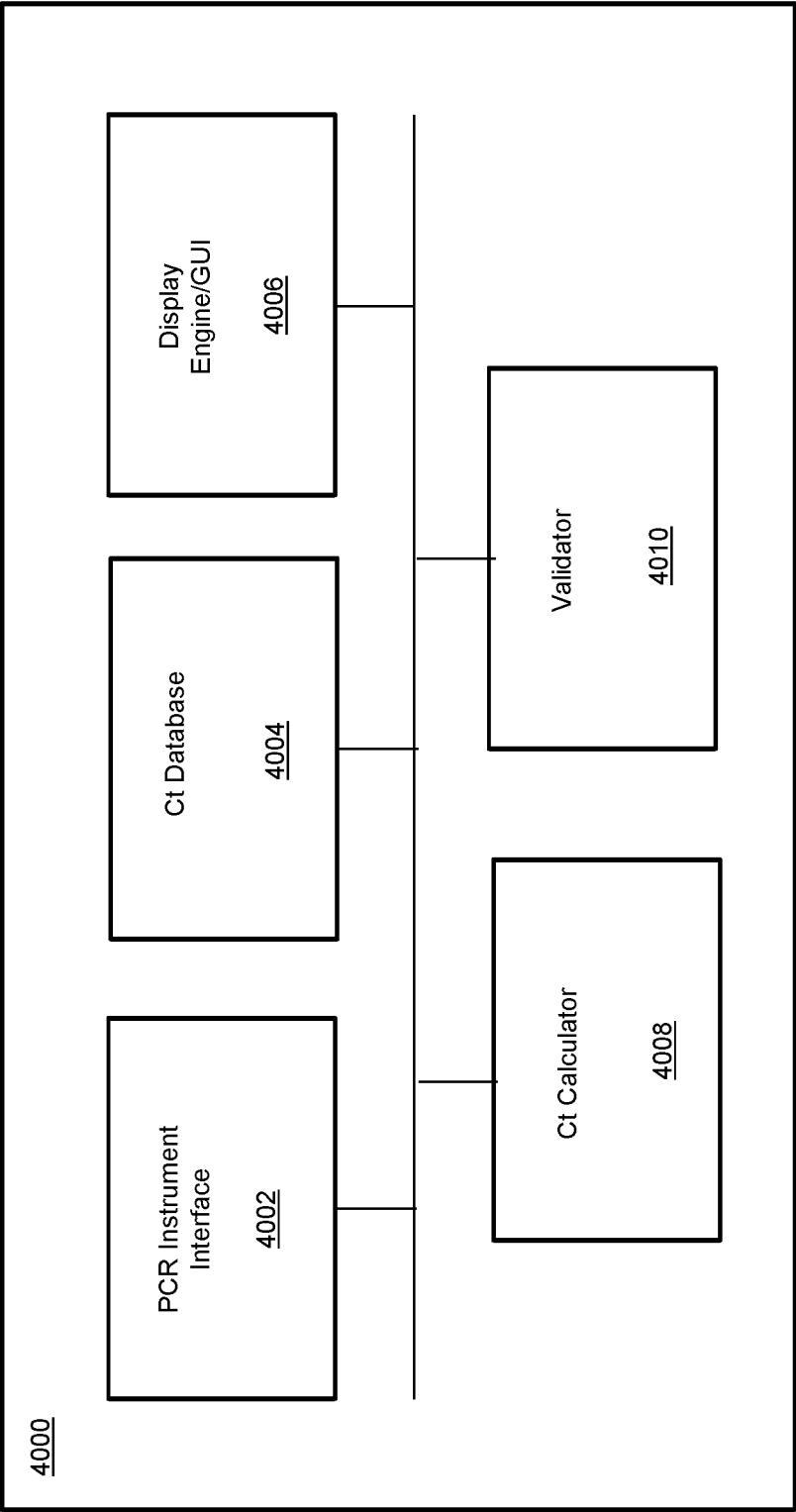


FIG. 36

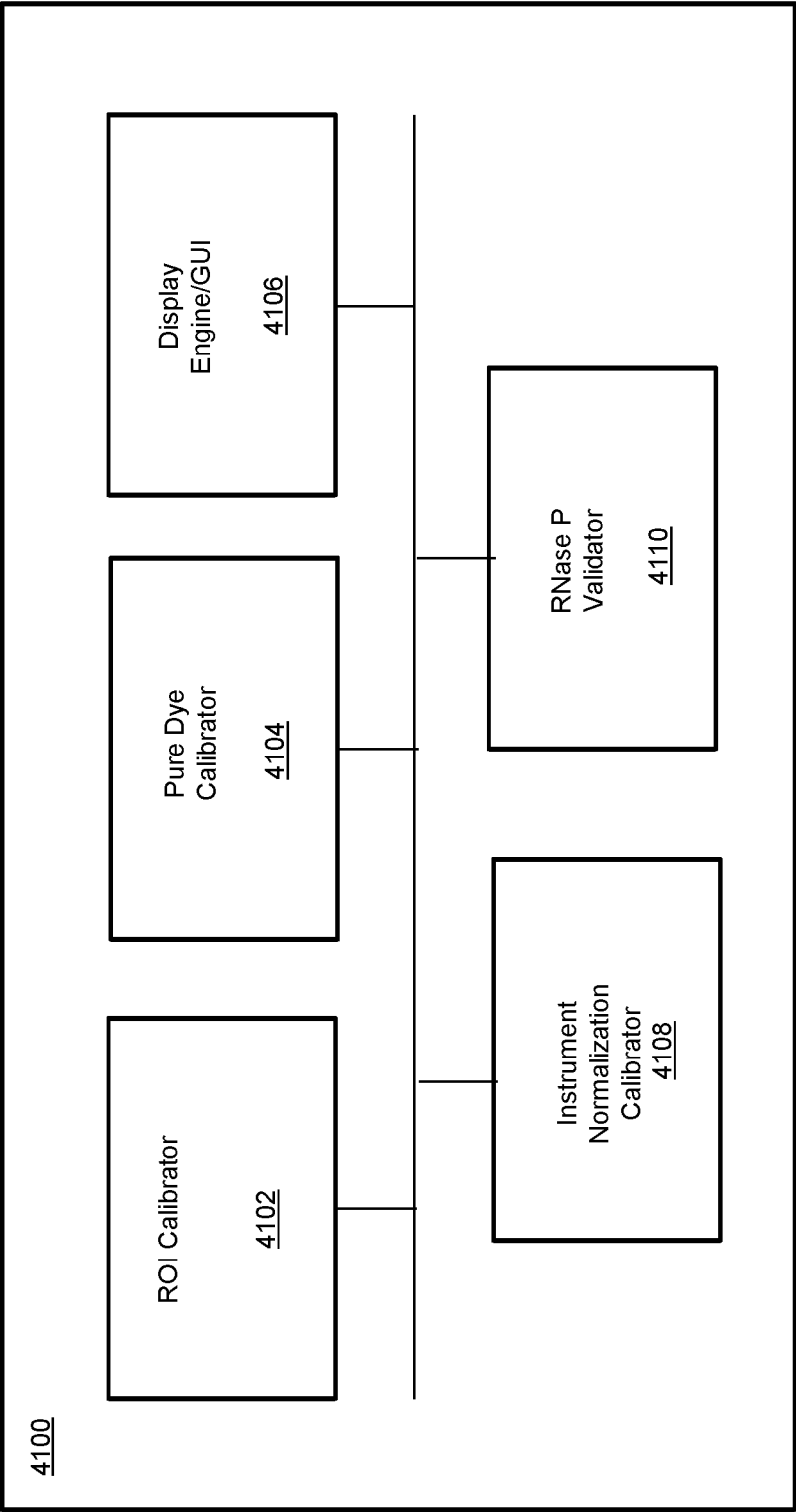


FIG. 37

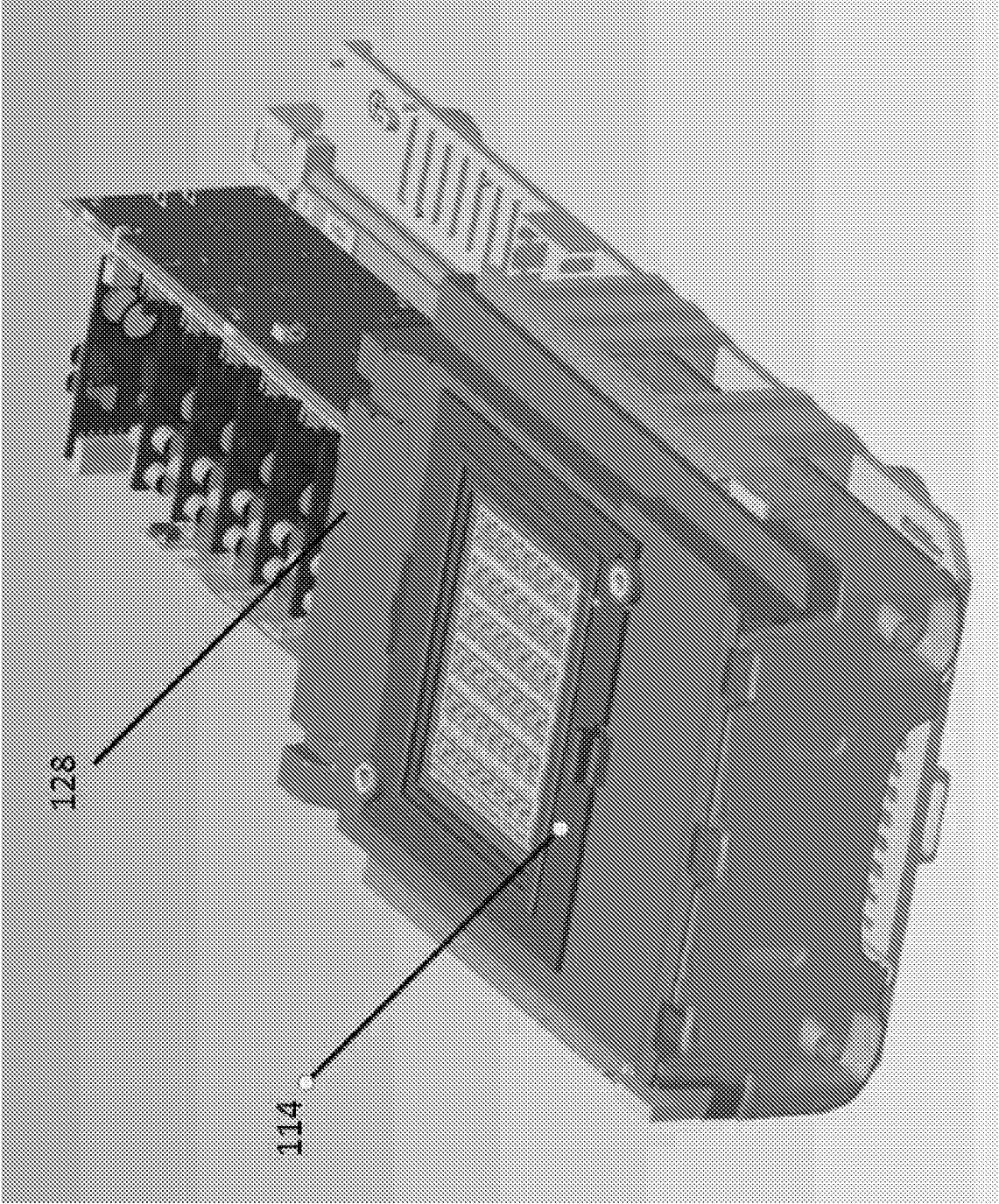


FIG. 38

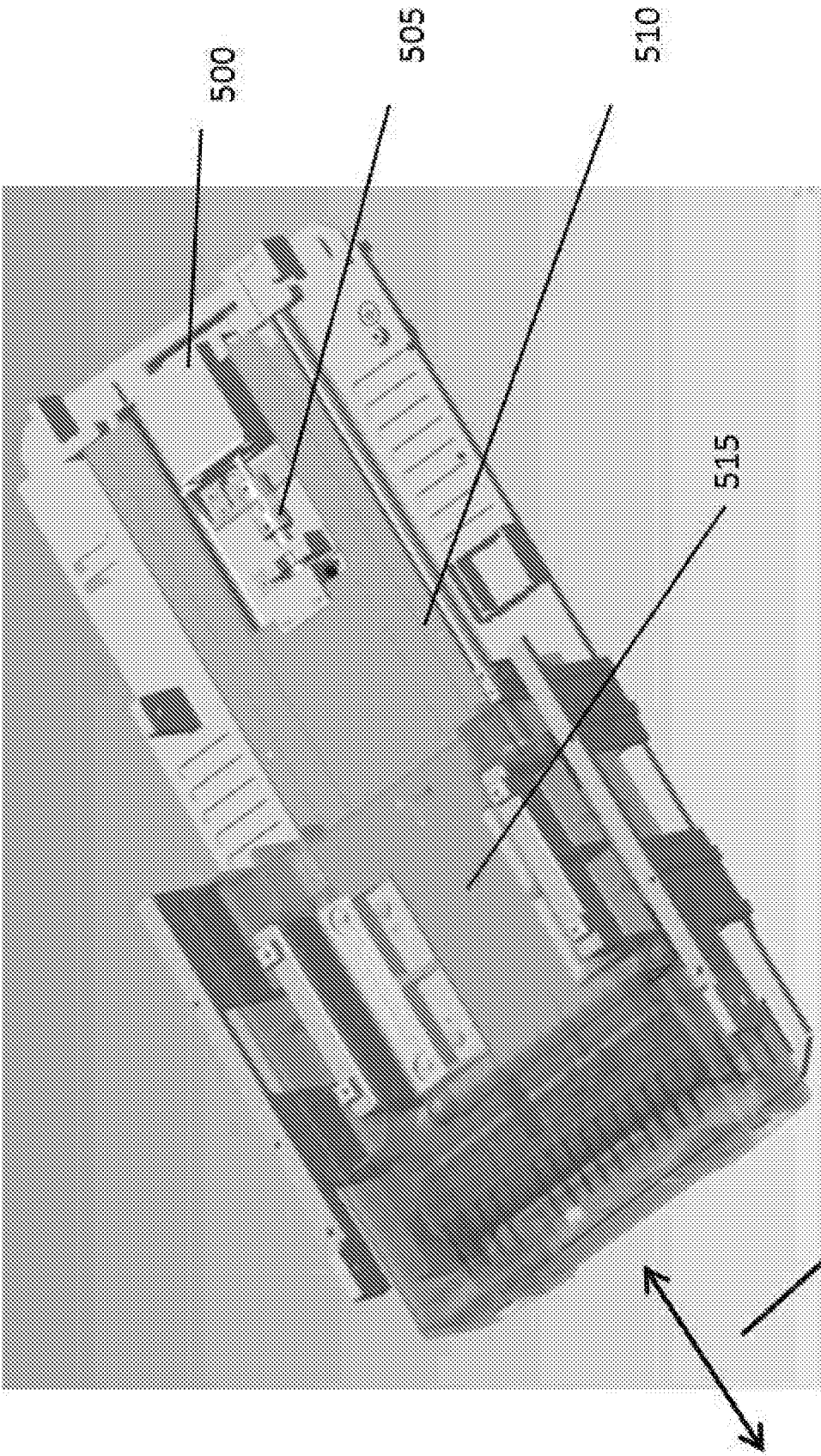
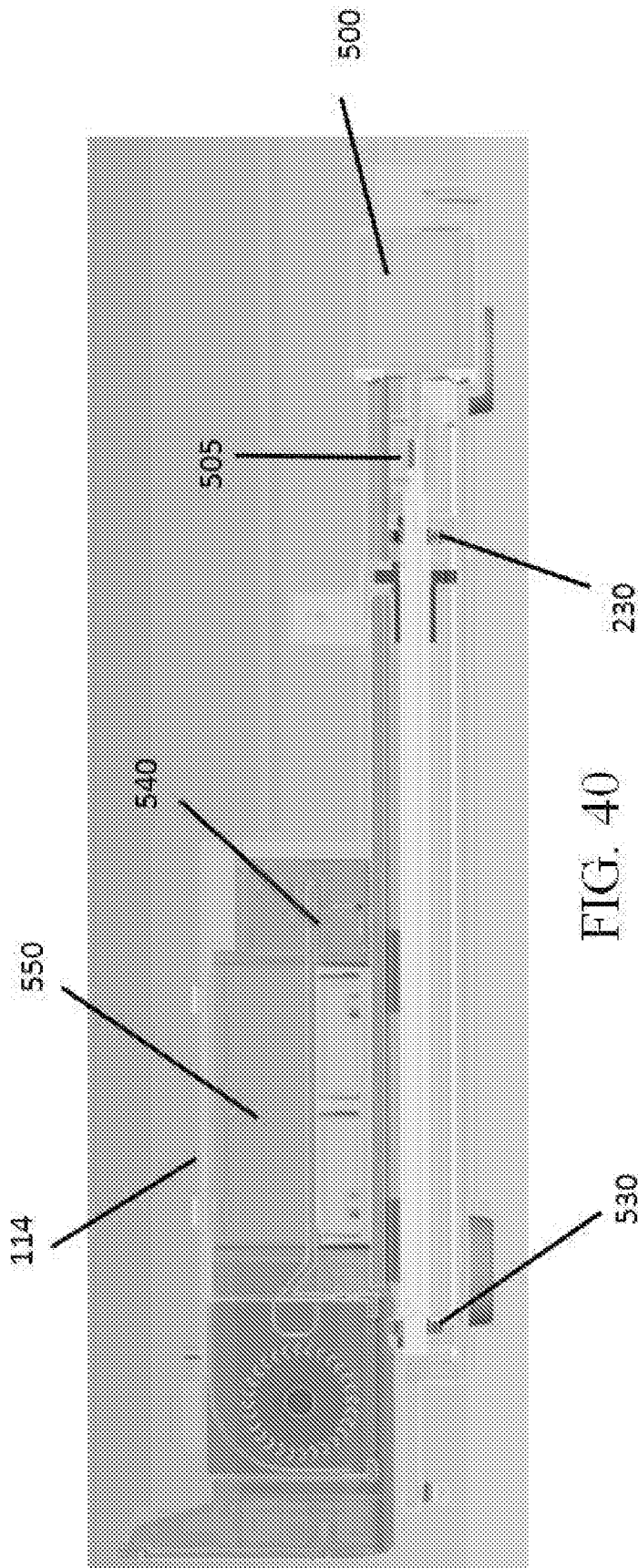


FIG. 39



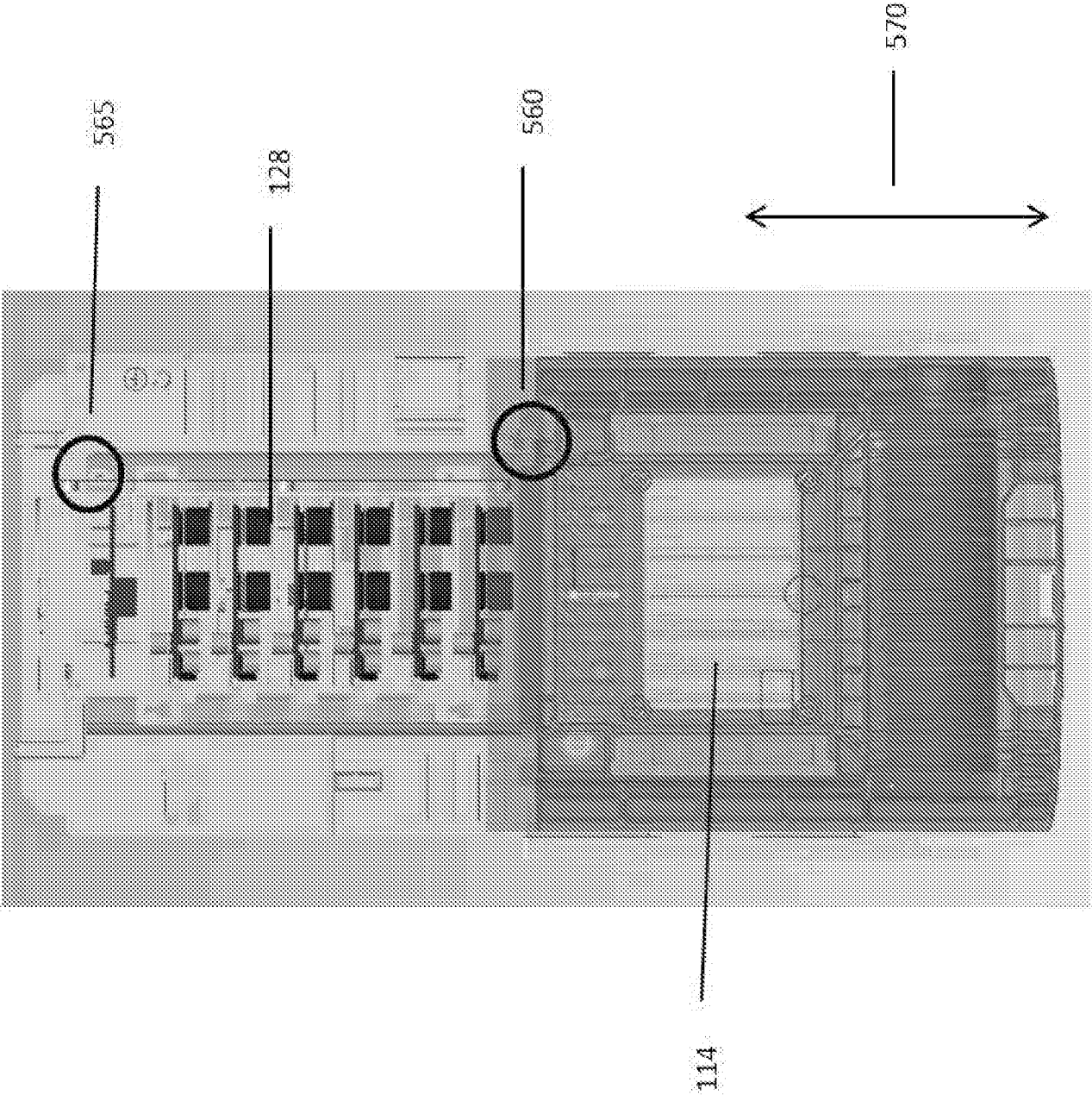


FIG. 41A

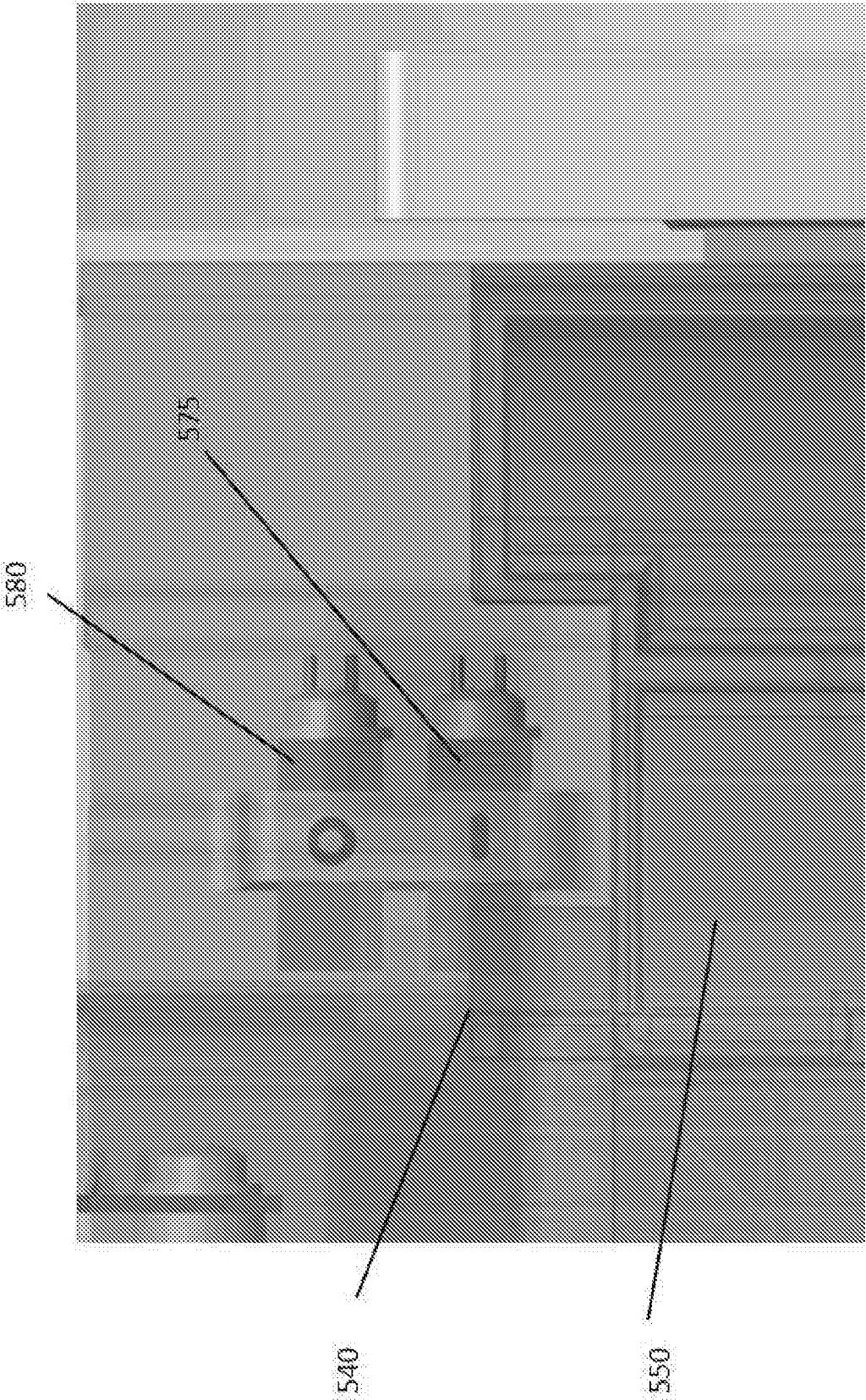


FIG. 41B

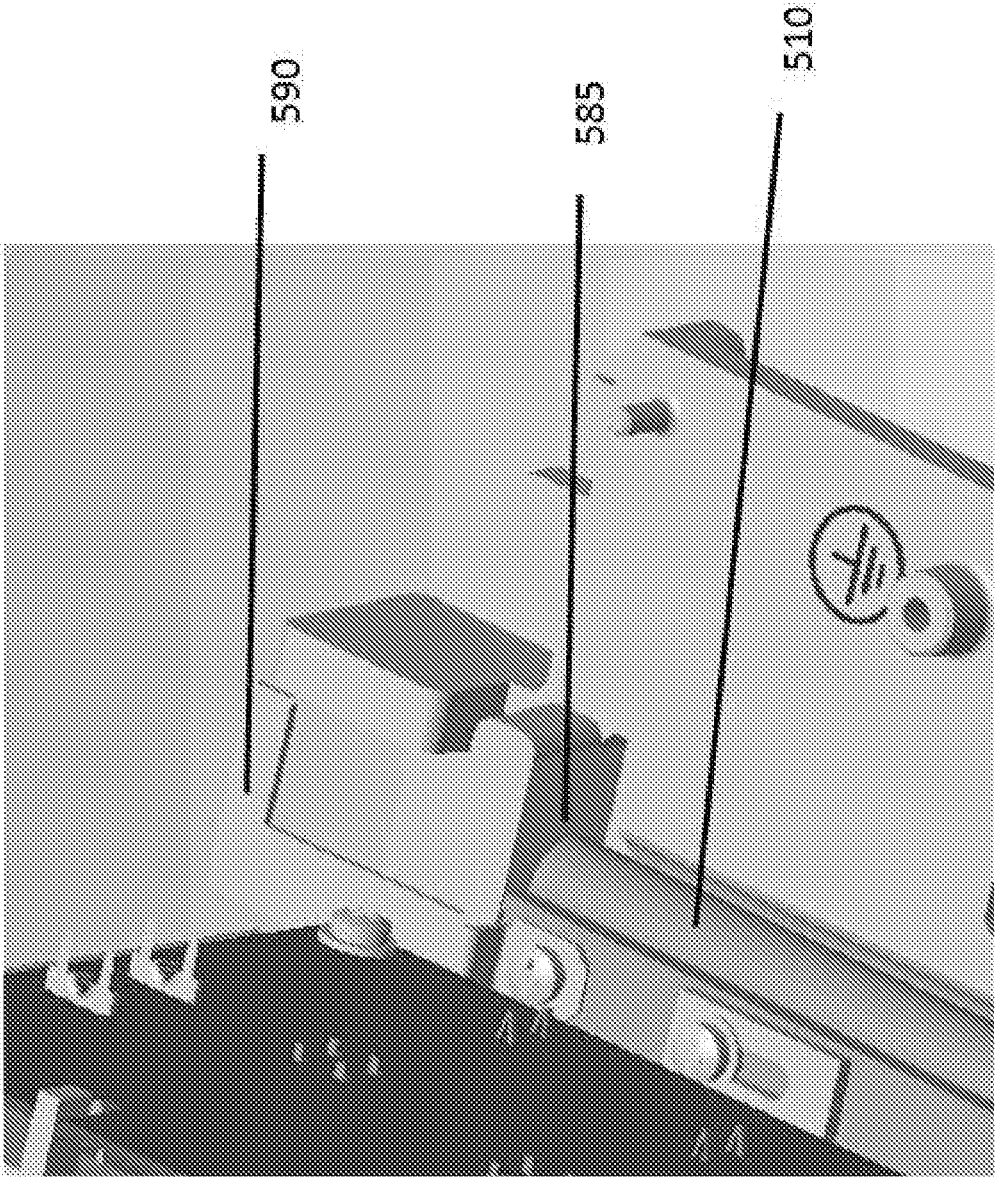


FIG. 41C

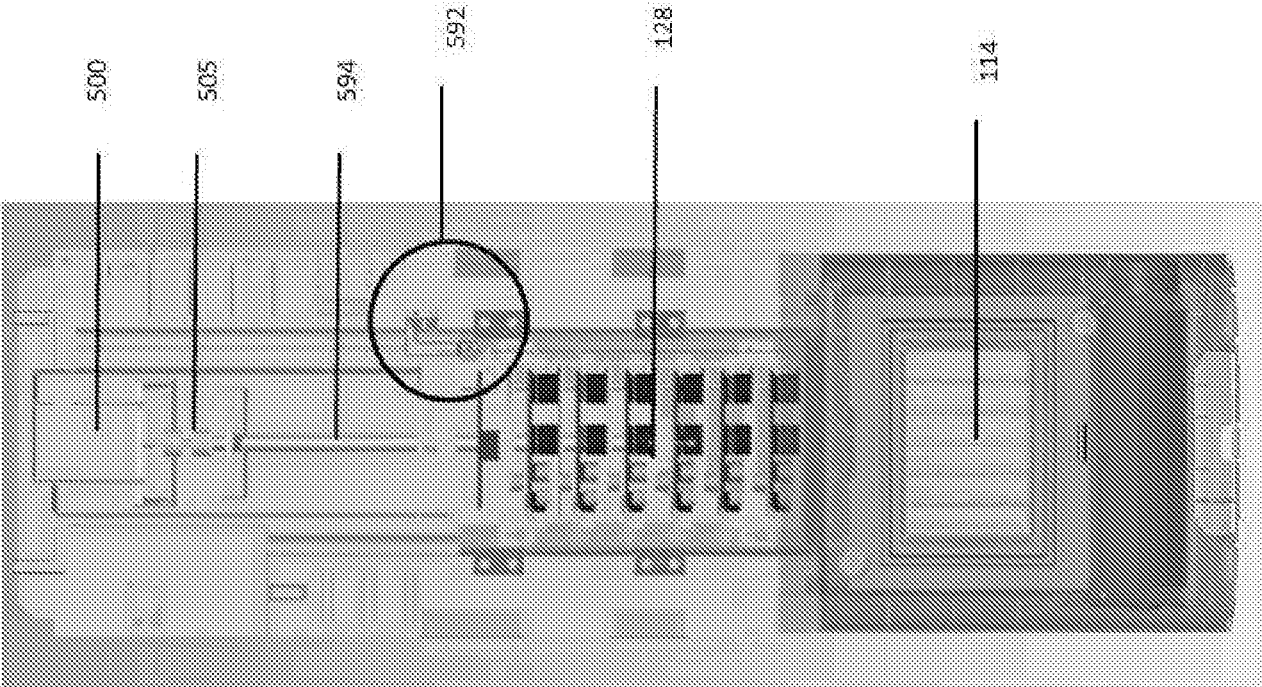


FIG. 42A

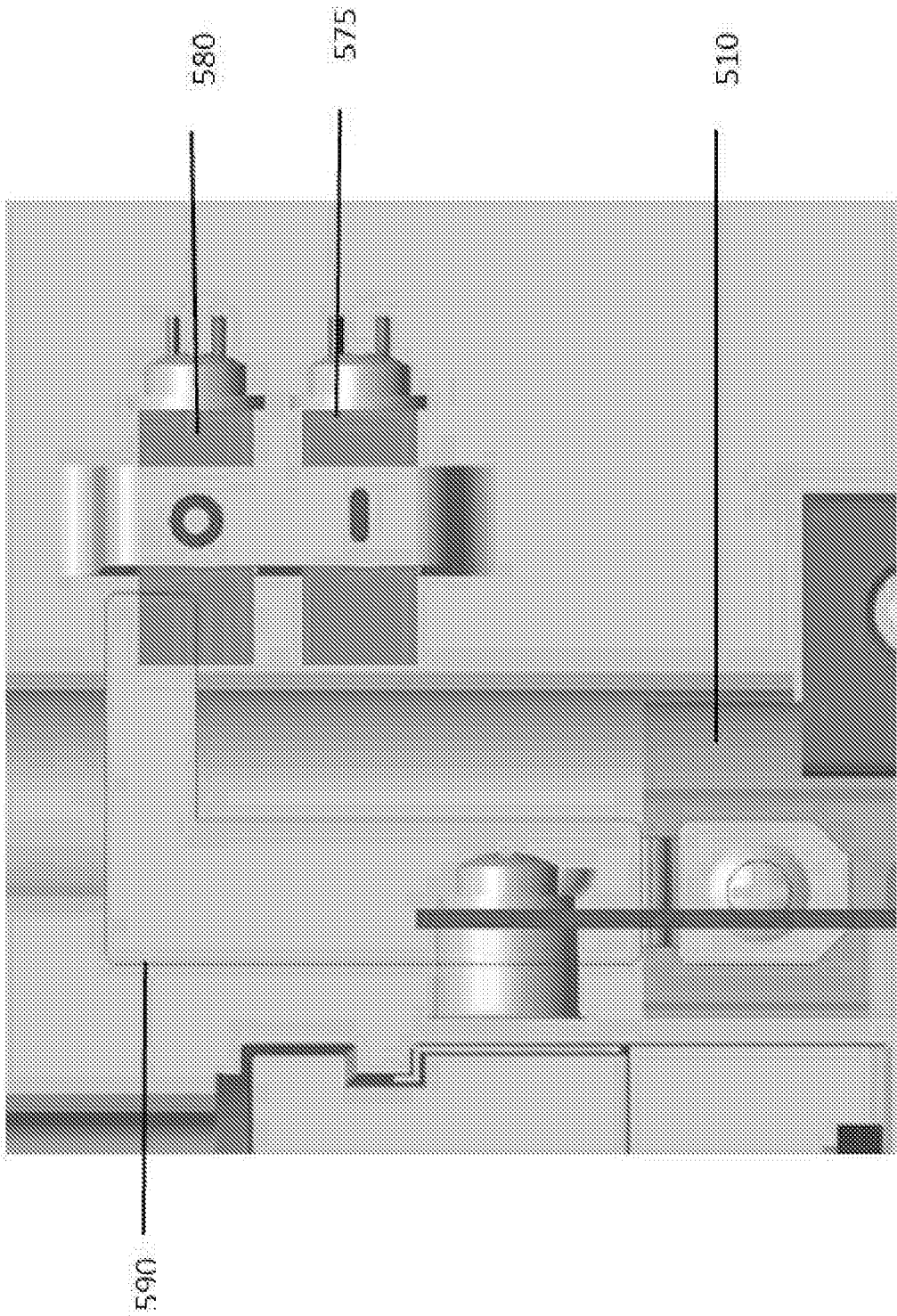


FIG. 42B

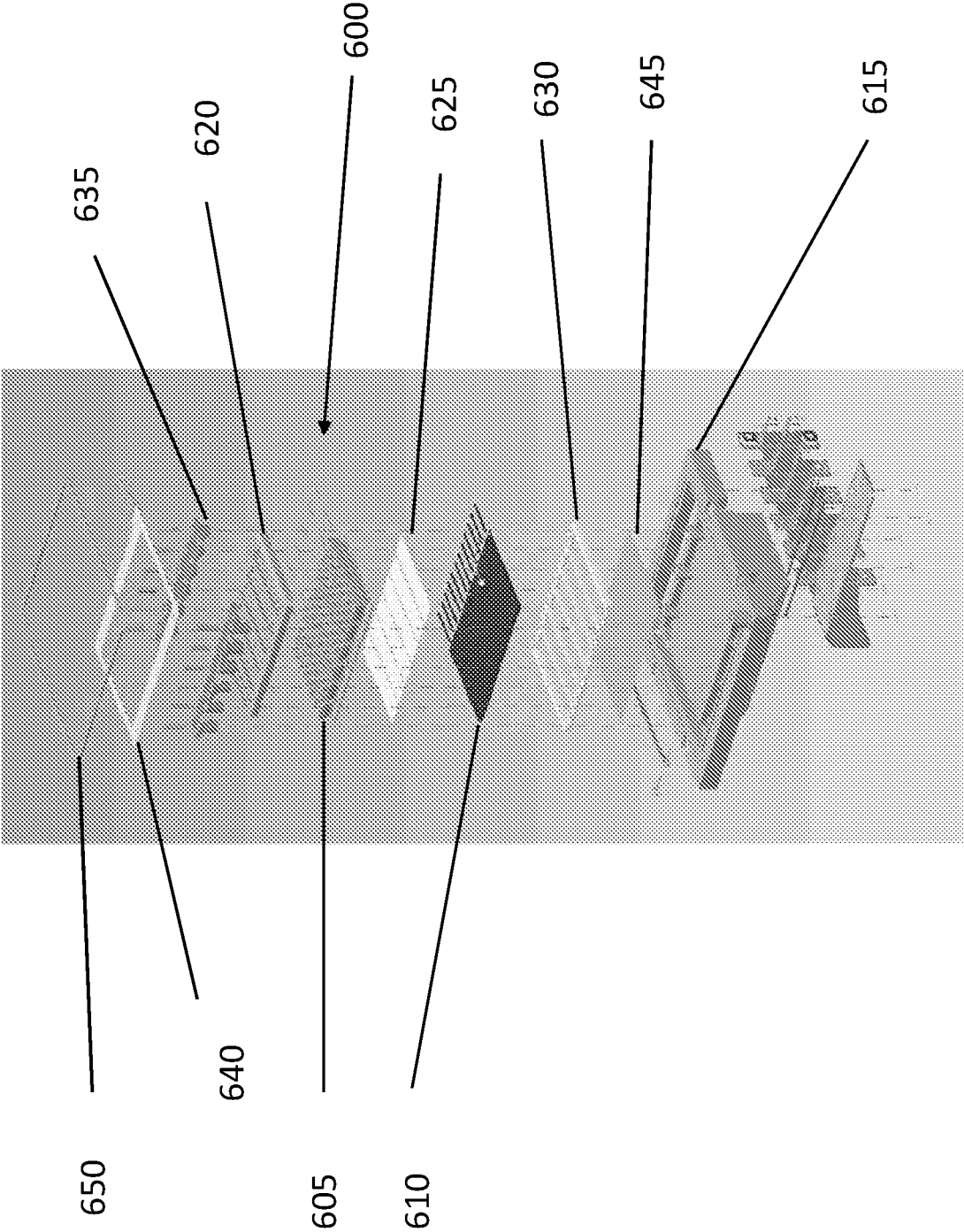
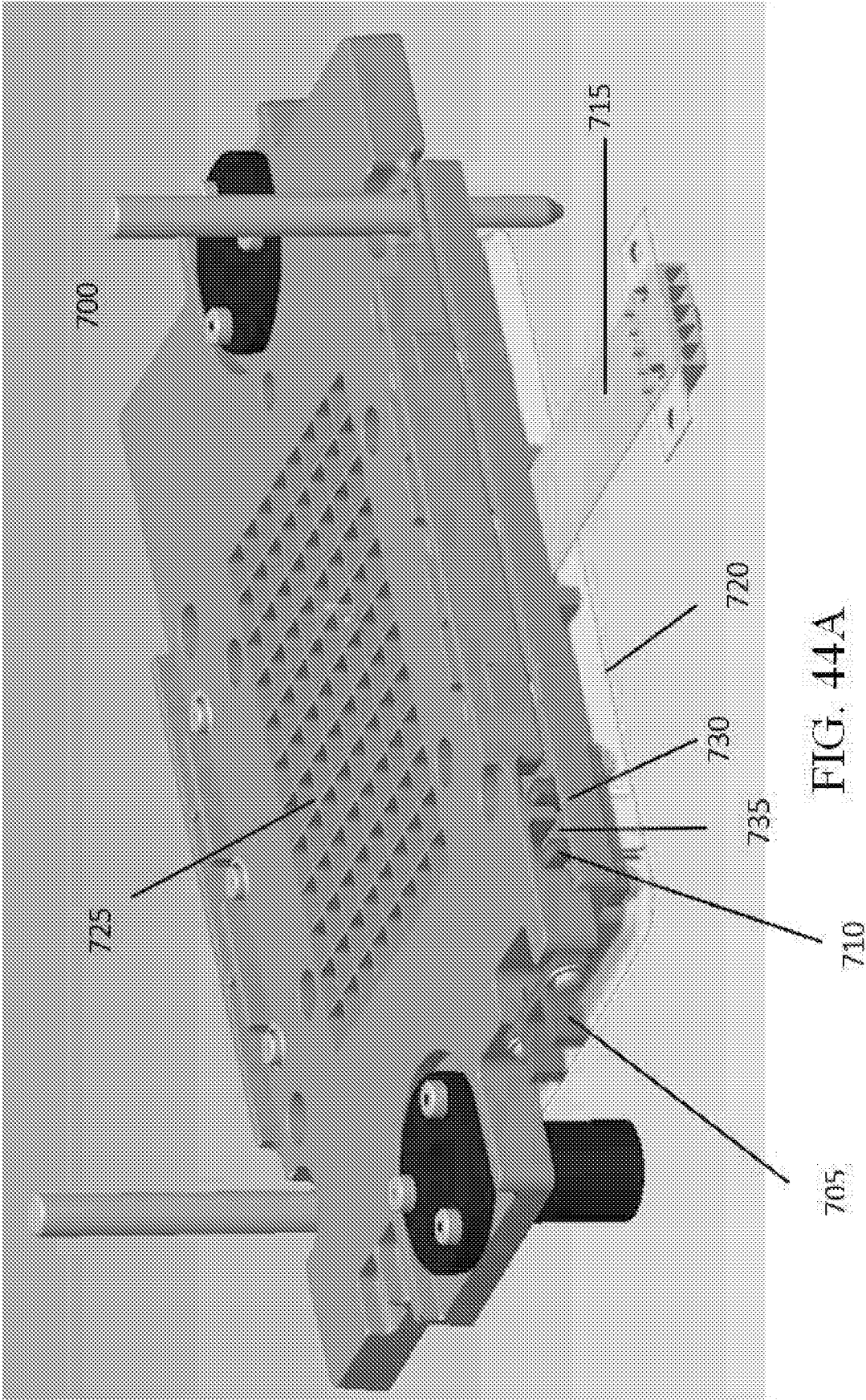


FIG. 43



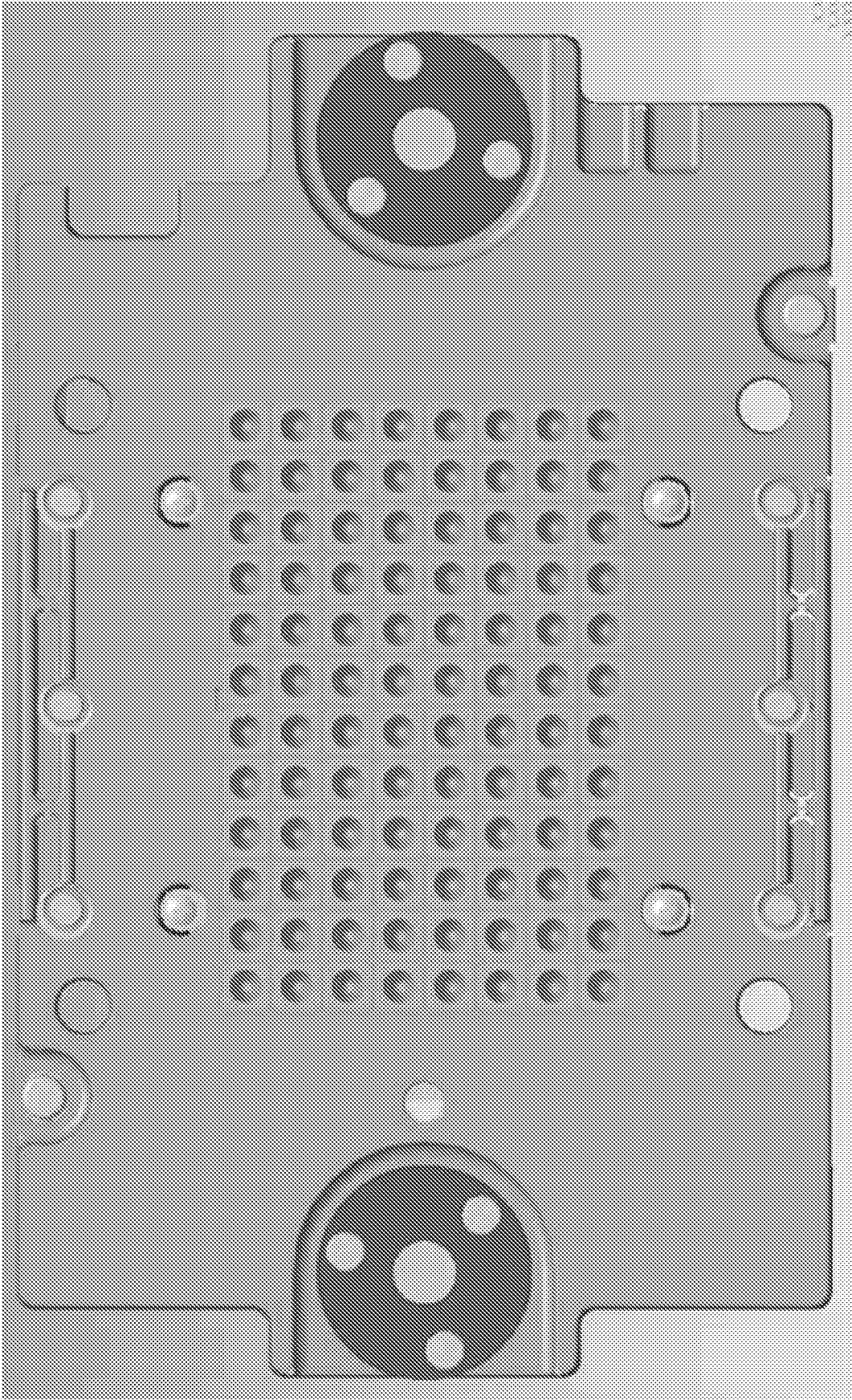


FIG. 44B

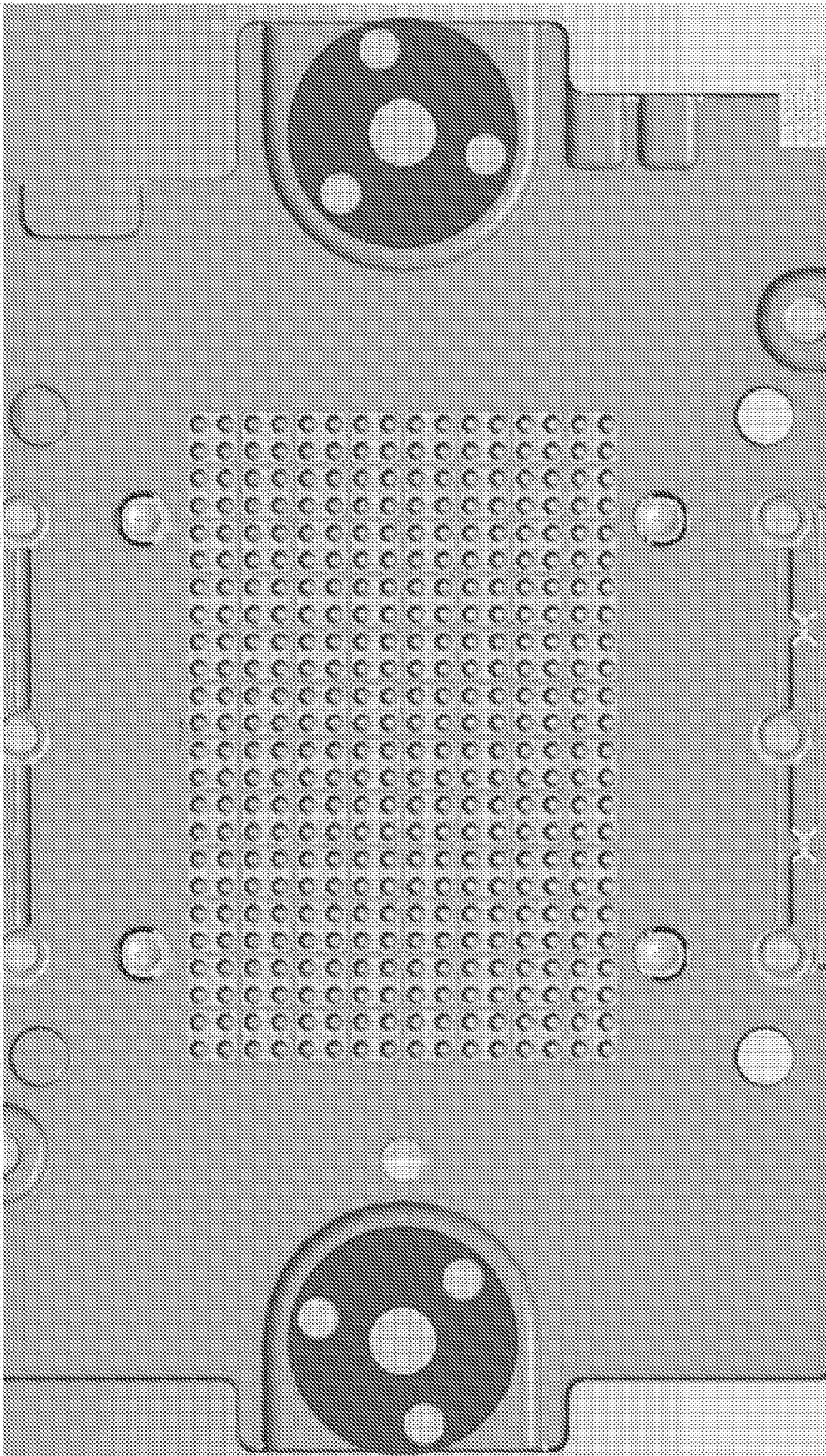
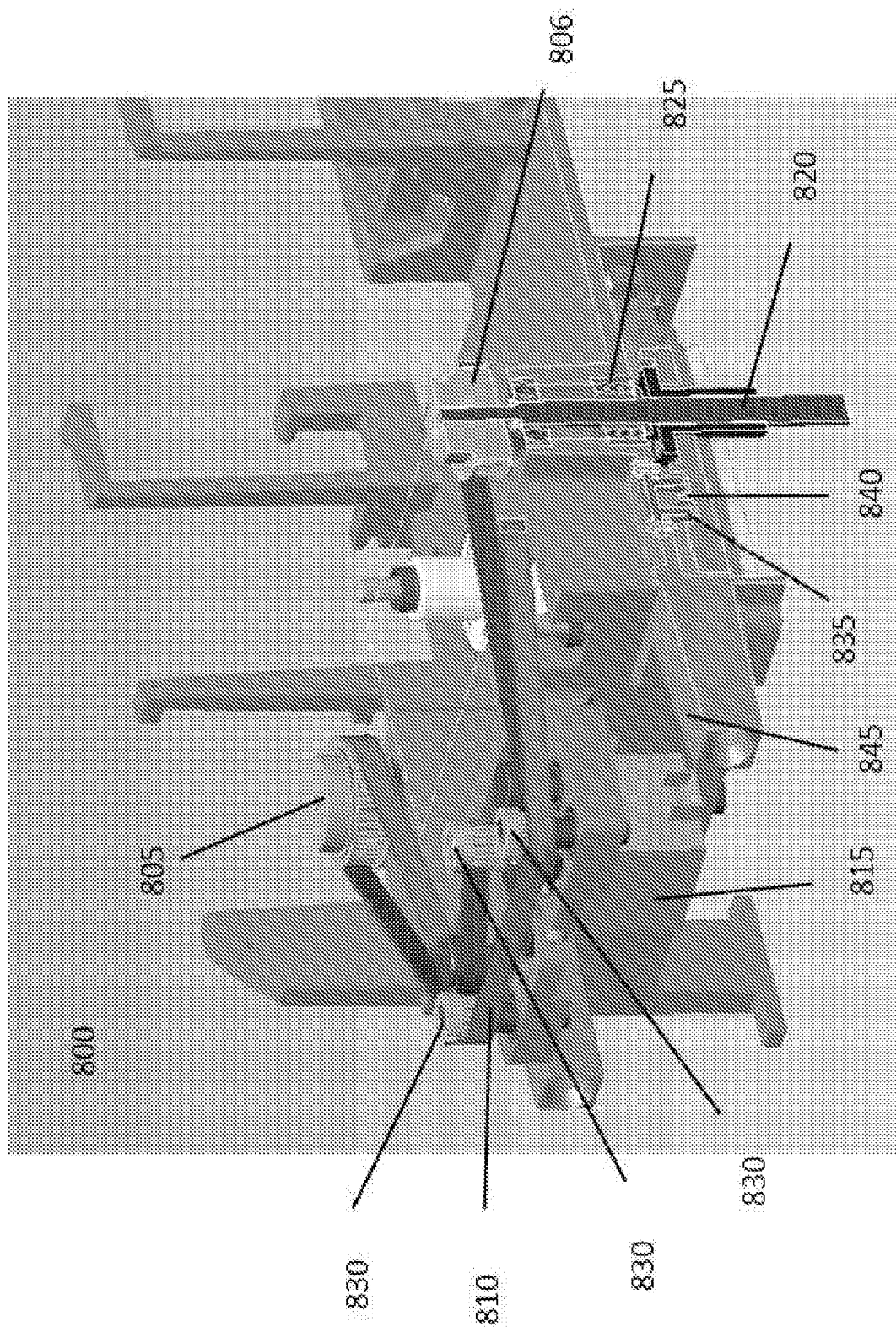


FIG. 44C



SHI