

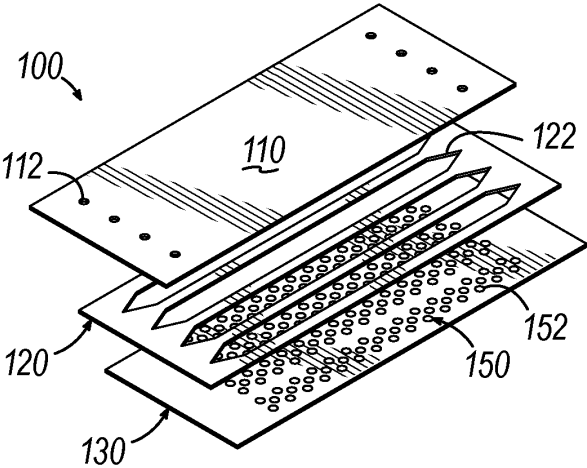


FIG. 1A

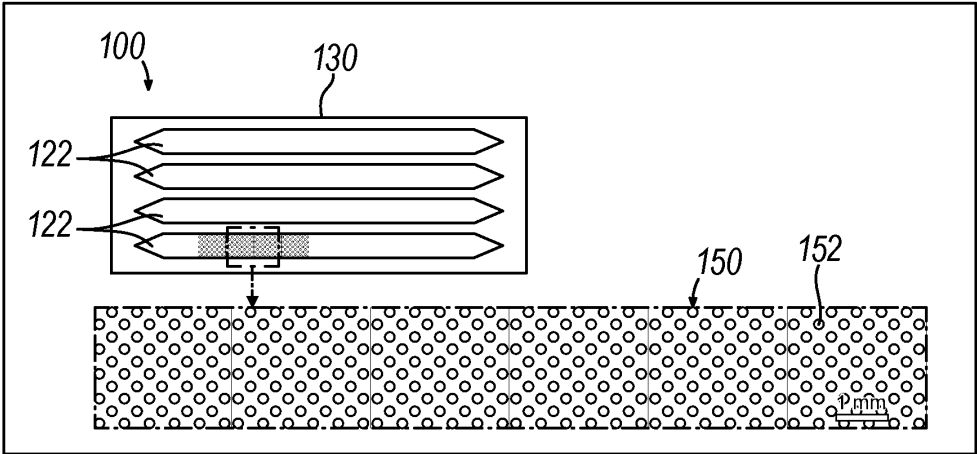


FIG. 1B

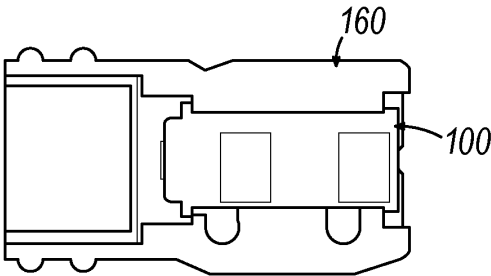


FIG. 1C

2/31

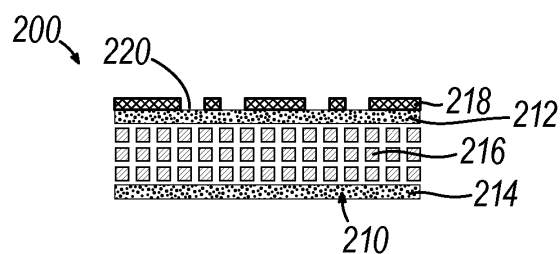


FIG. 2A

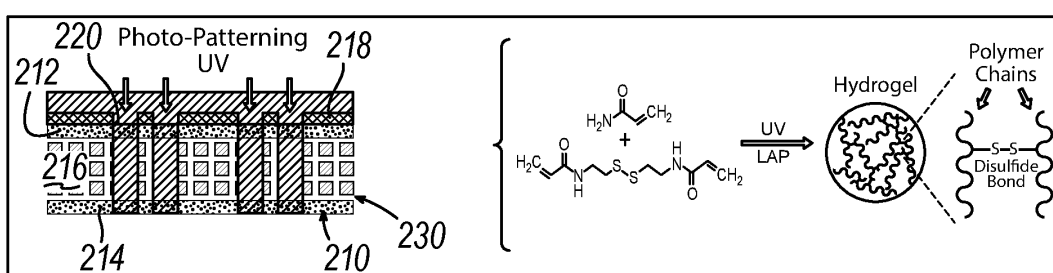


FIG. 2B

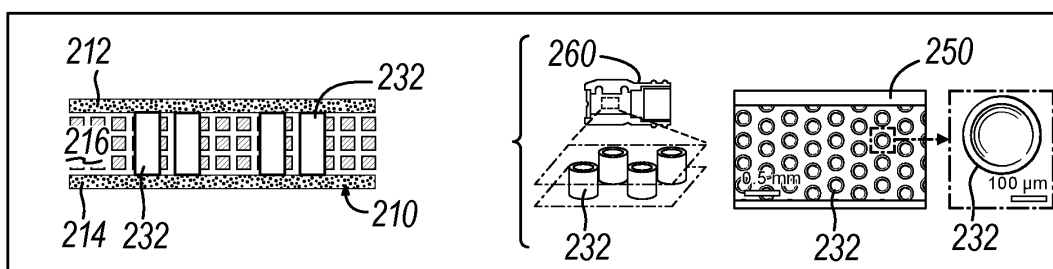


FIG. 2C

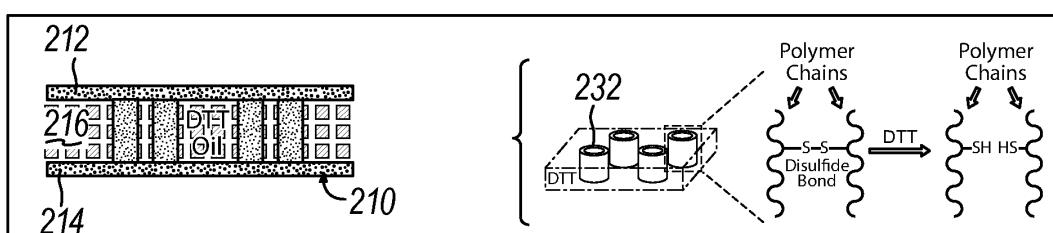


FIG. 2D

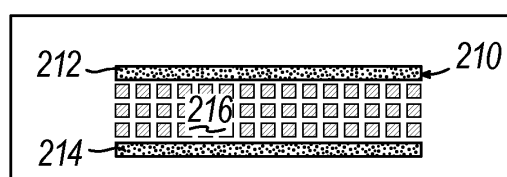


FIG. 2E

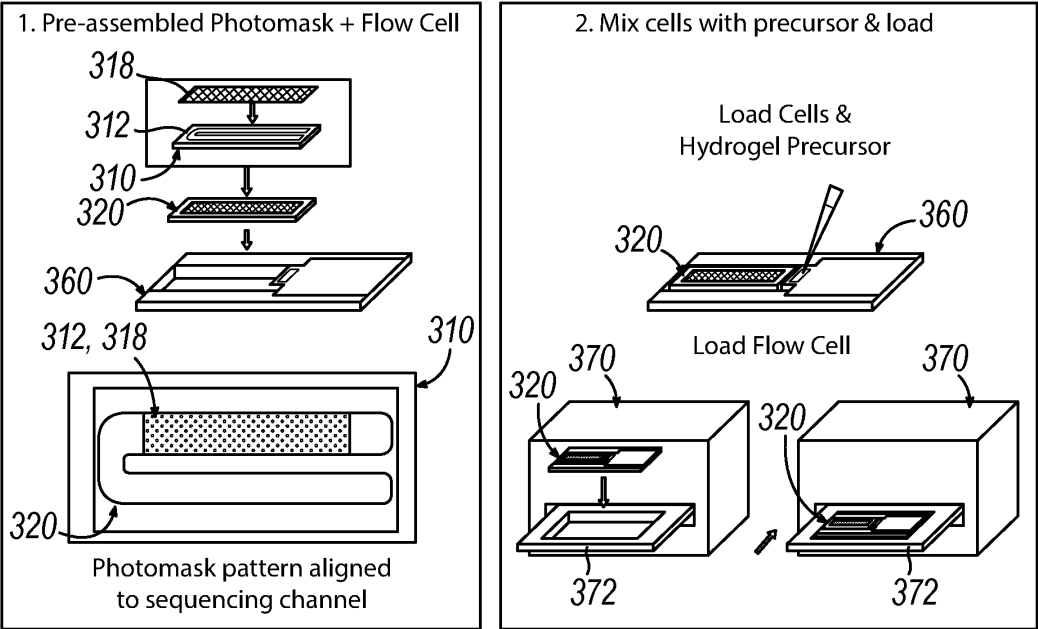


FIG. 3A

FIG. 3B

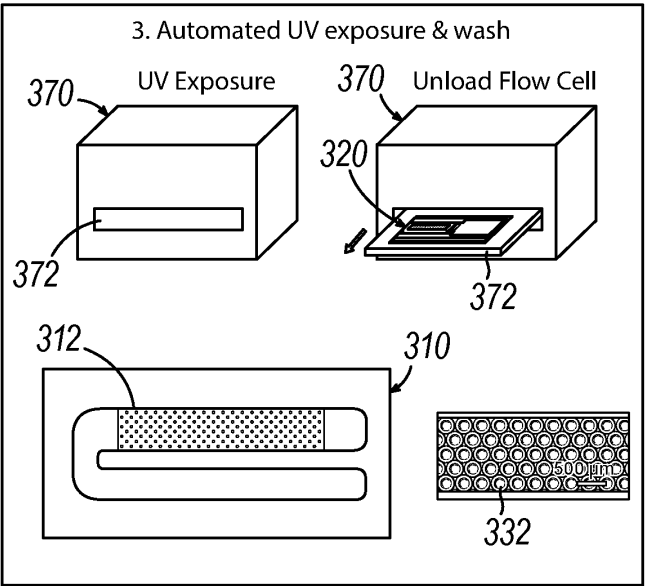


FIG. 3C

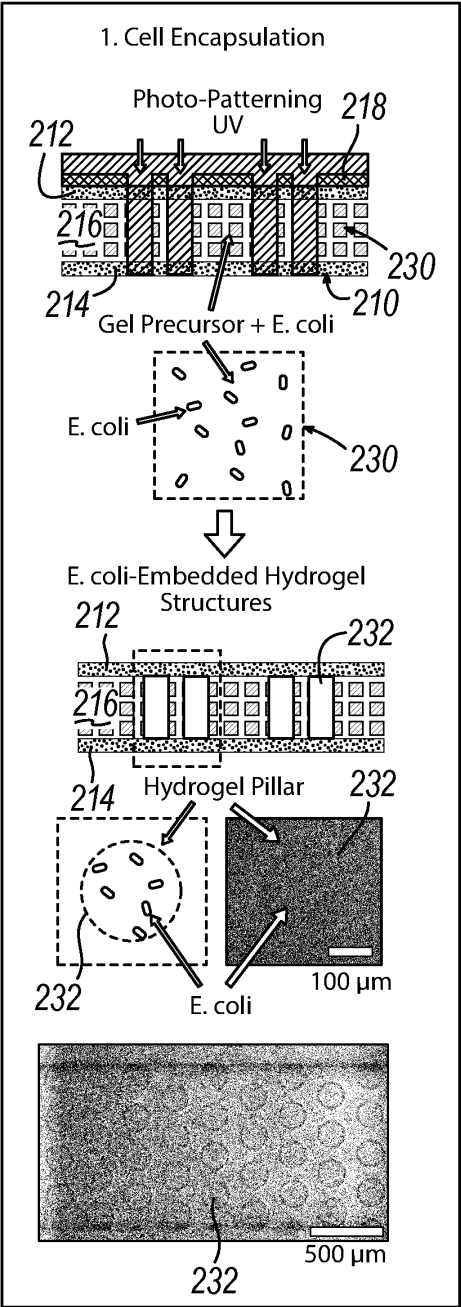


FIG. 4A

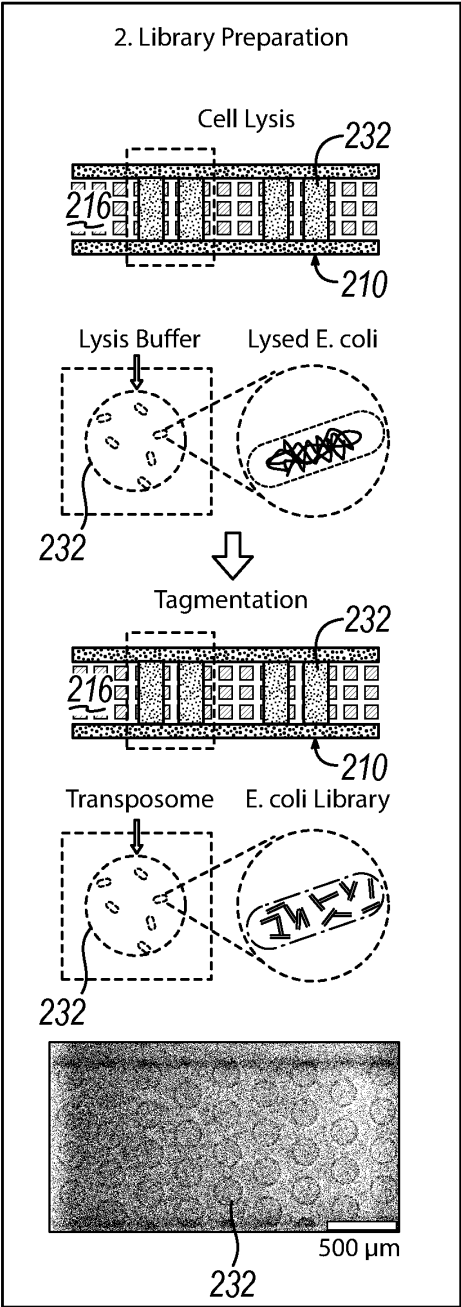


FIG. 4B

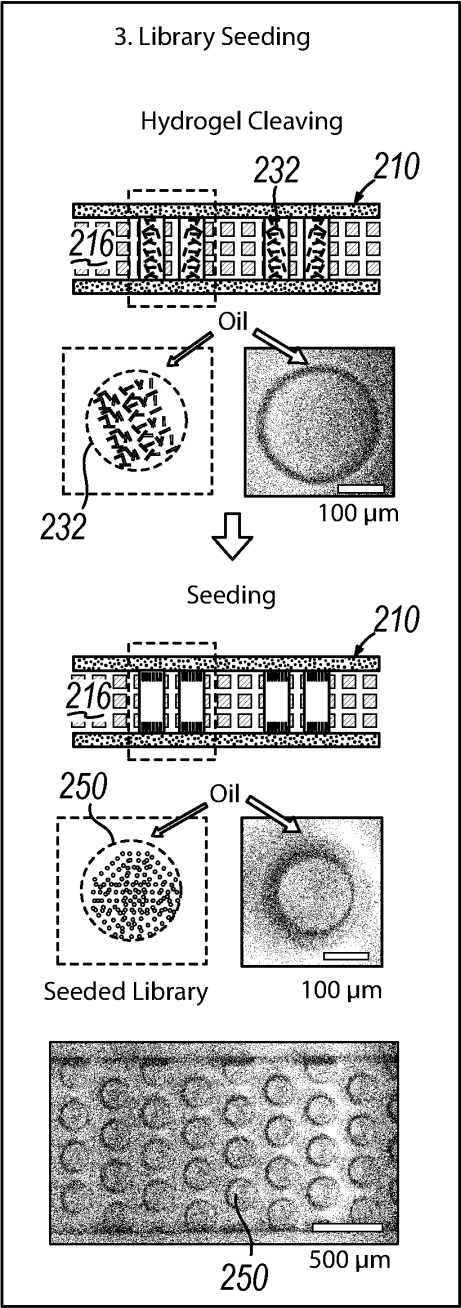


FIG. 4C

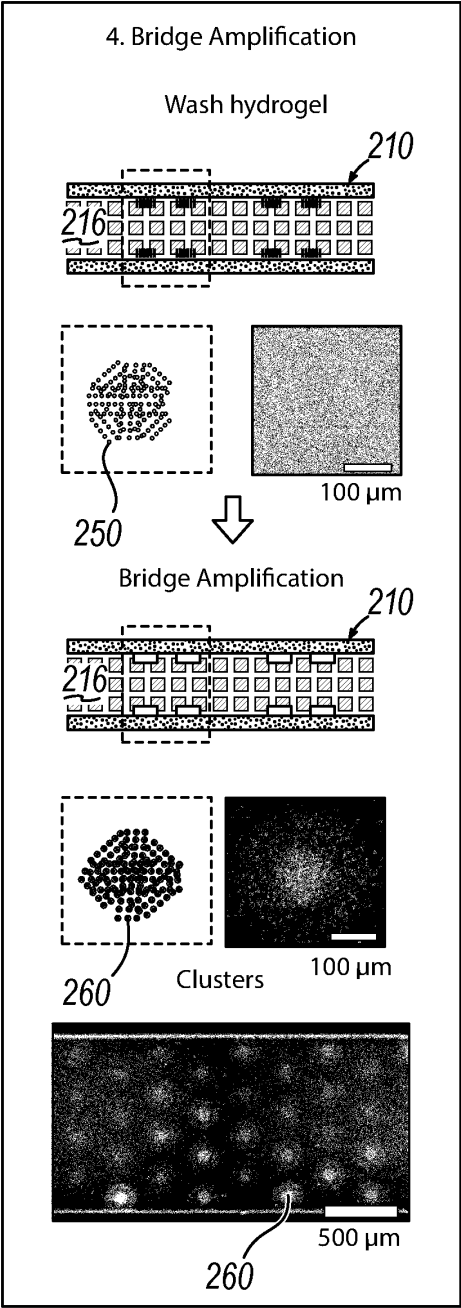


FIG. 4D

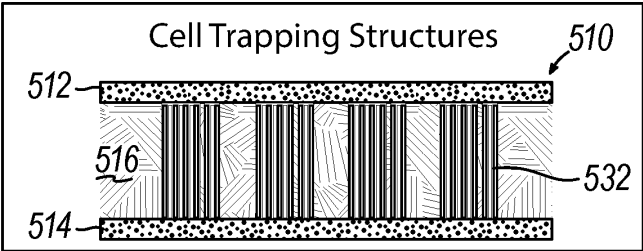


FIG. 5A

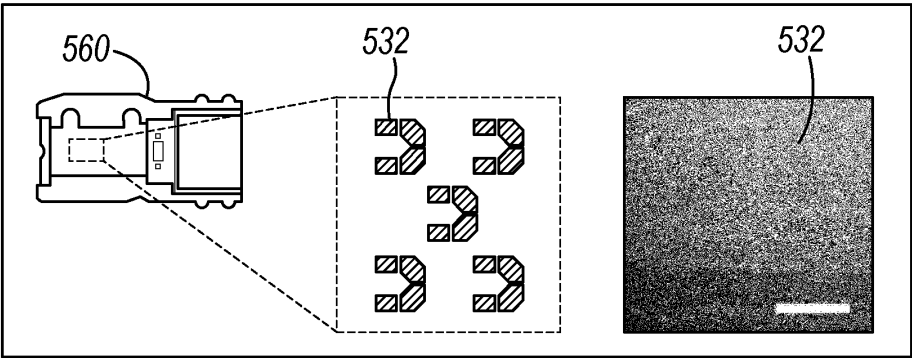


FIG. 5B

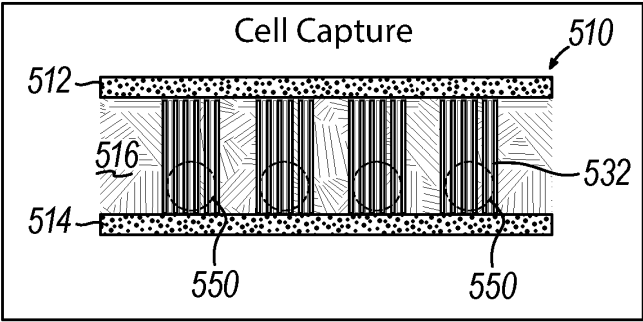


FIG. 5C

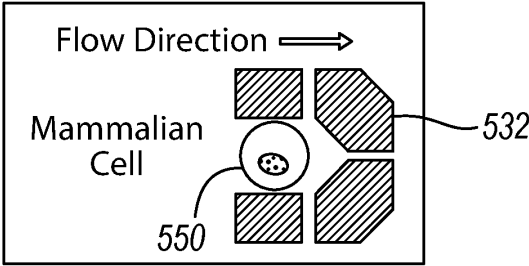


FIG. 5D

7/31

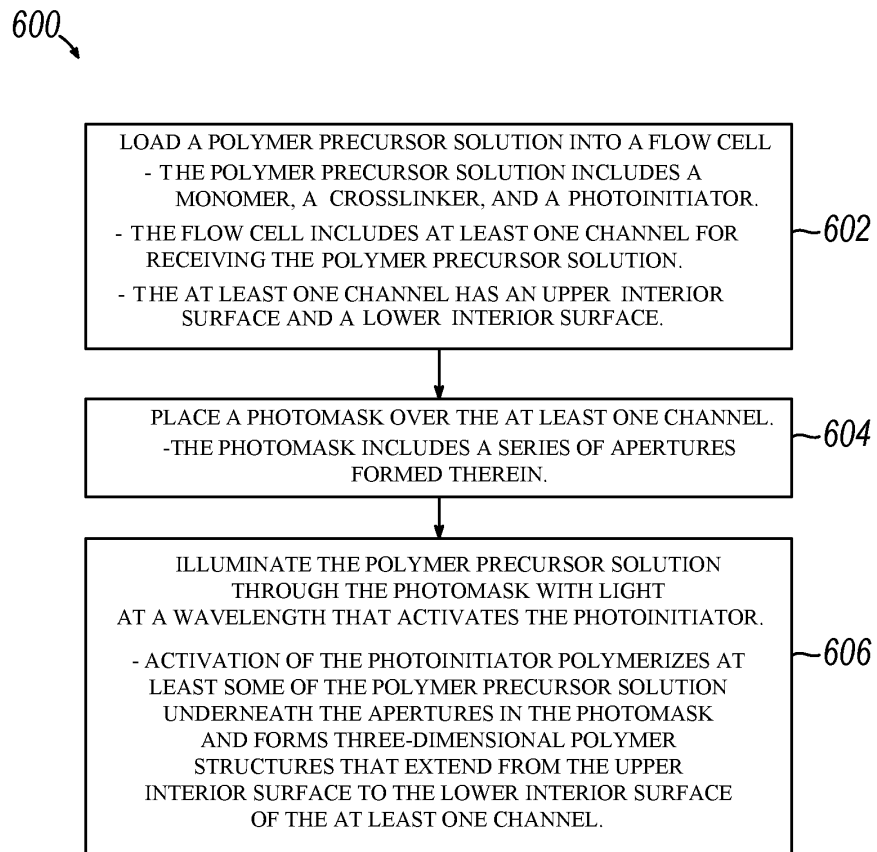
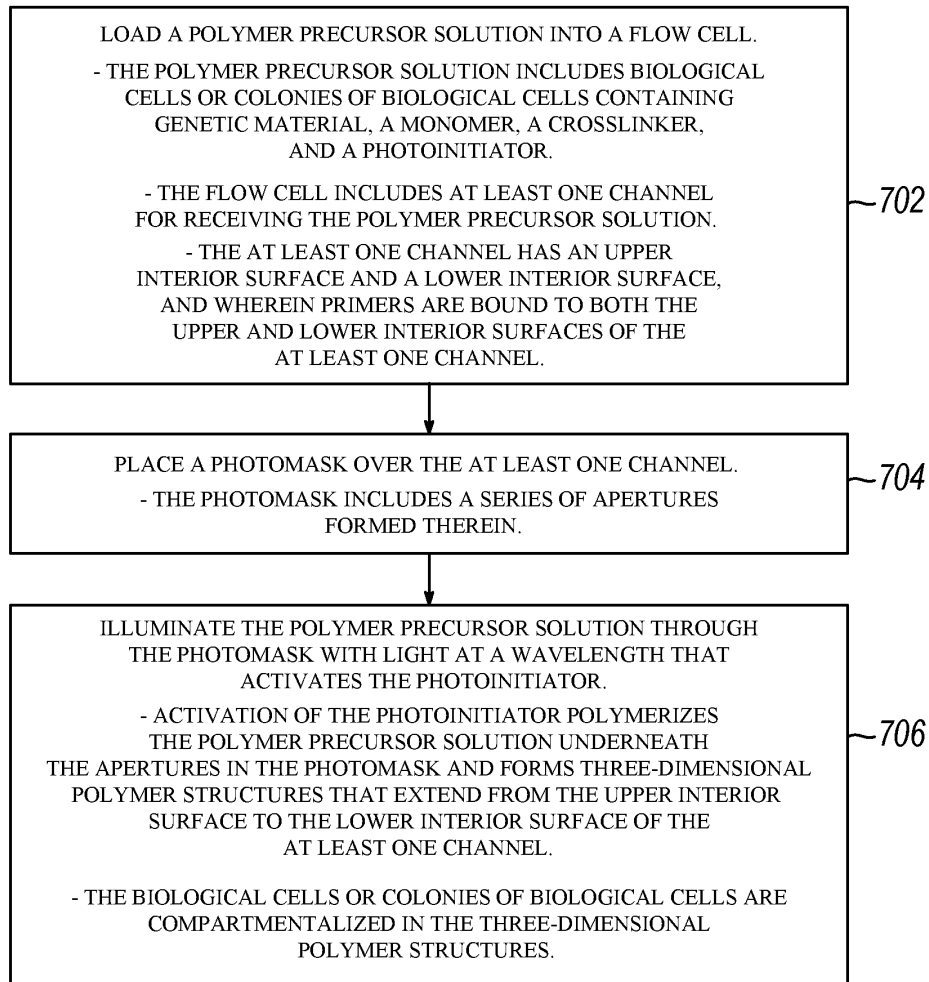


FIG. 6

700 ↘

8/31

**FIG. 7**

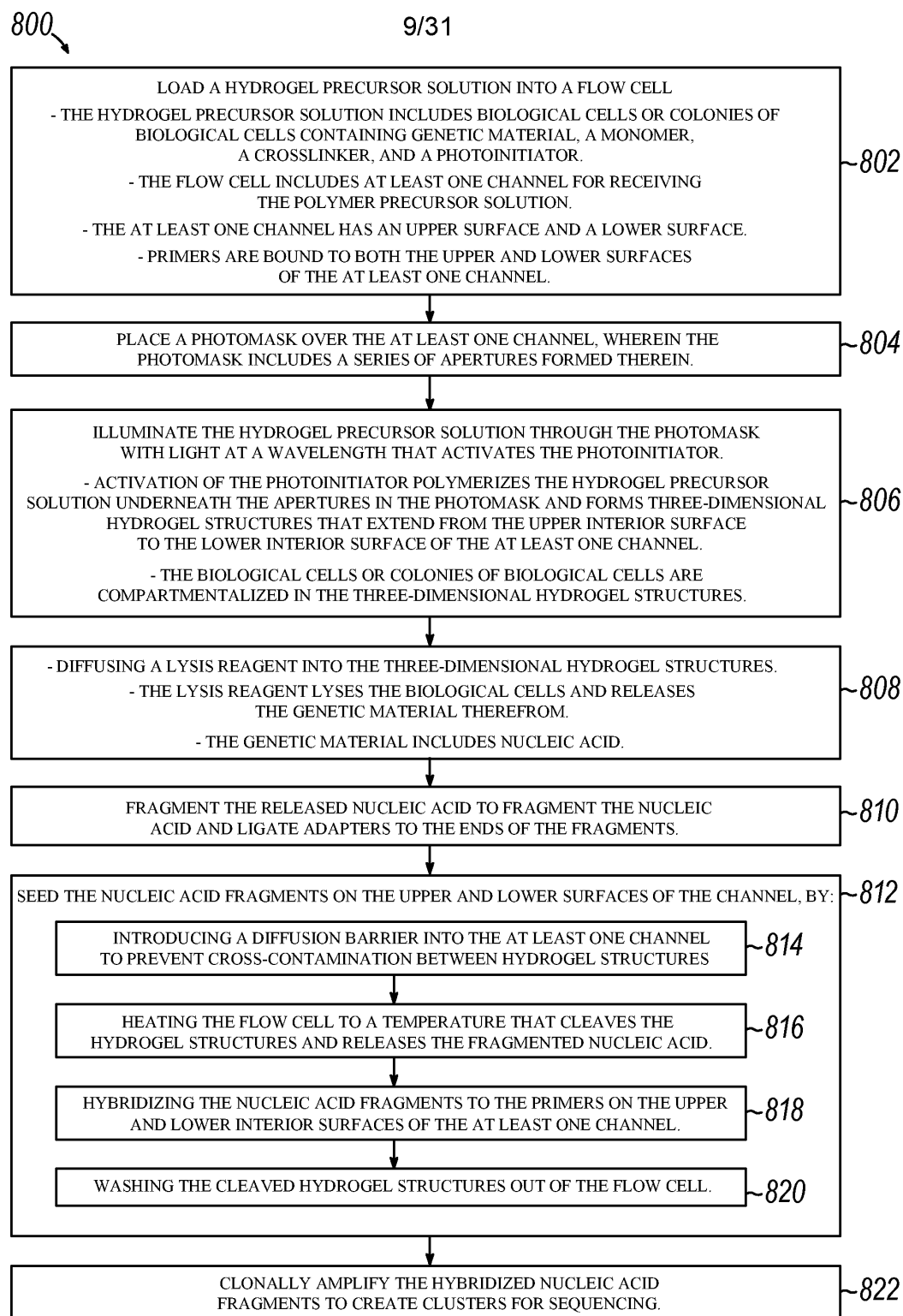


FIG. 8

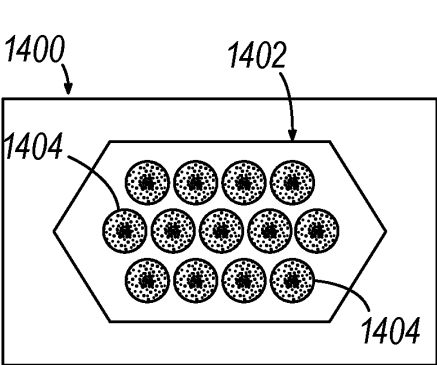


FIG. 9A

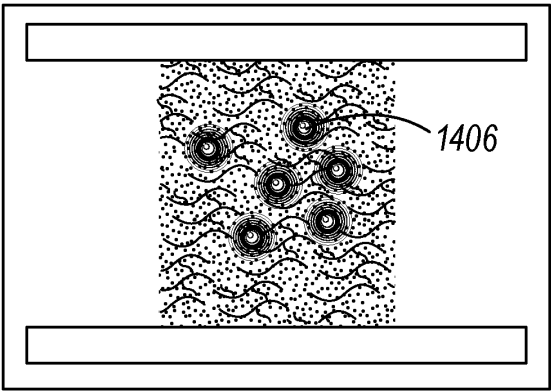


FIG. 9B

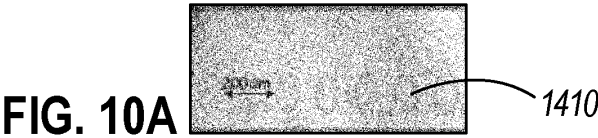
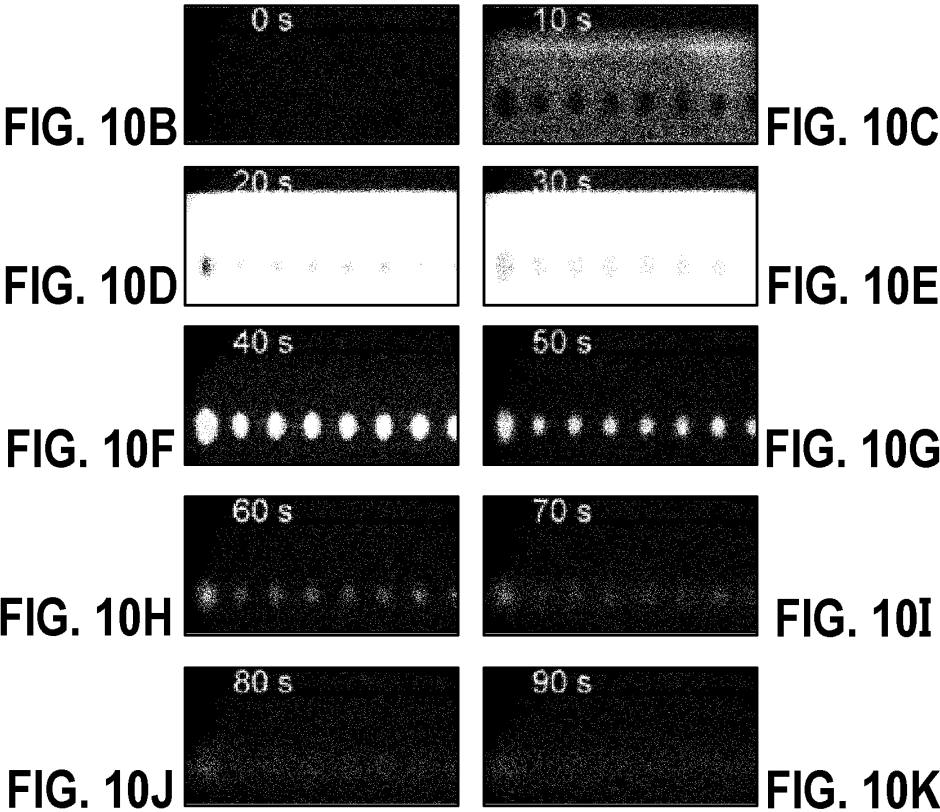


FIG. 10A



11/31

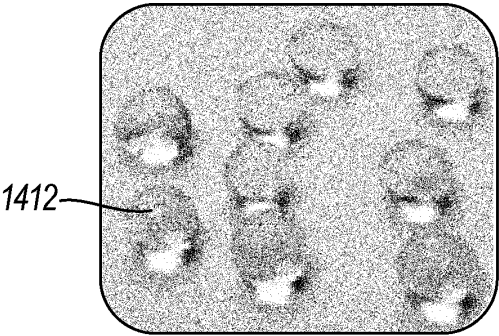


FIG. 11A

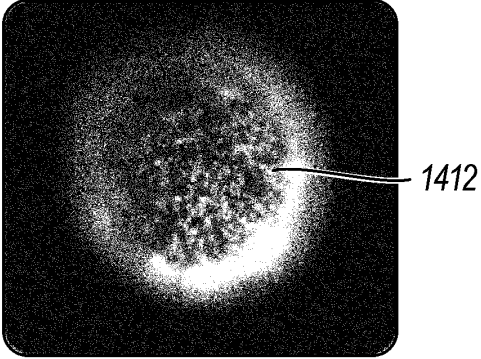


FIG. 11B

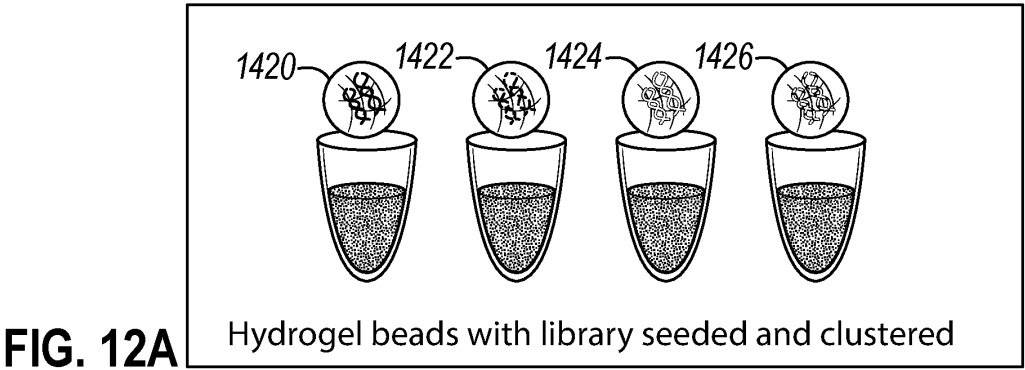


FIG. 12A

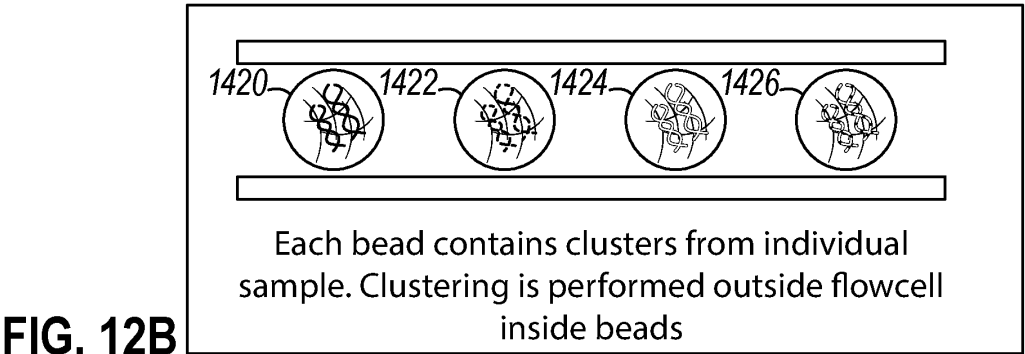


FIG. 12B

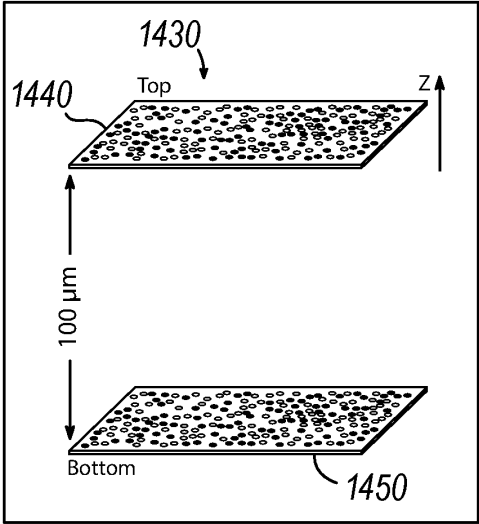


FIG. 13A

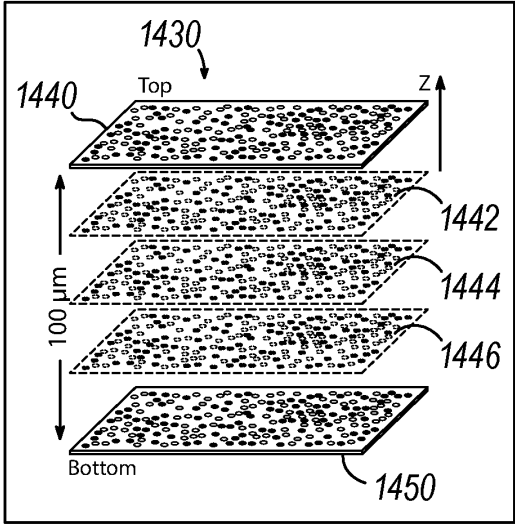


FIG. 13B

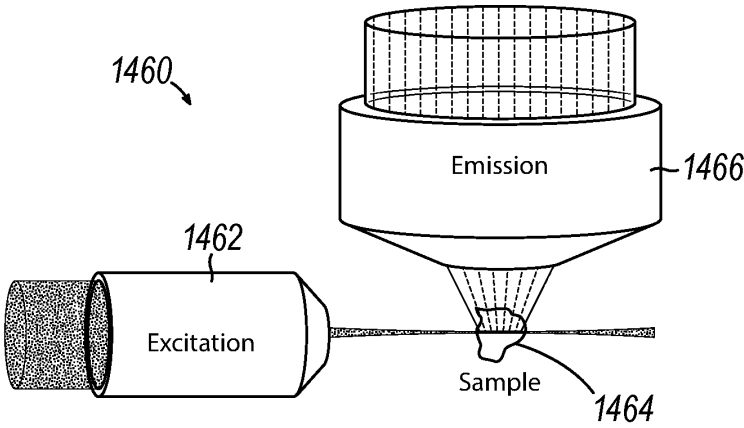


FIG. 14

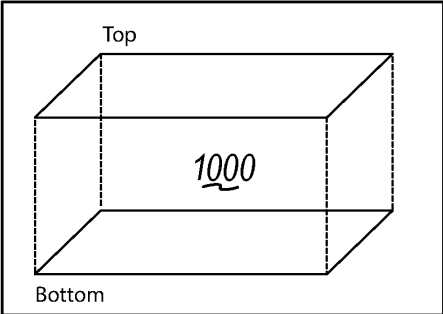


FIG. 15

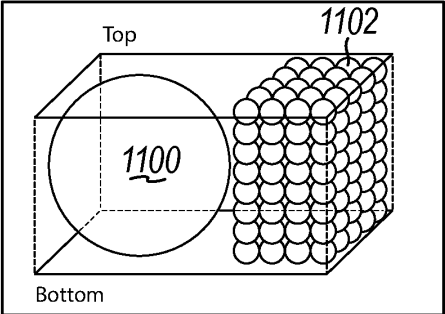


FIG. 16

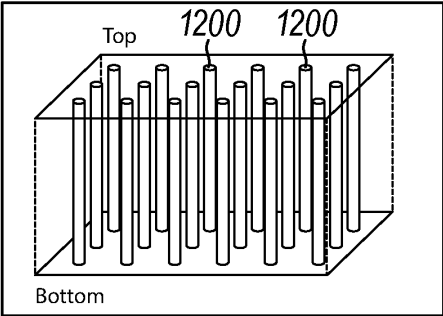


FIG. 17

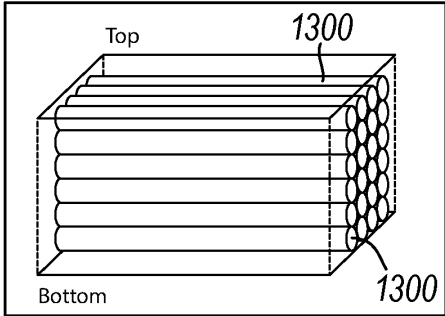


FIG. 18

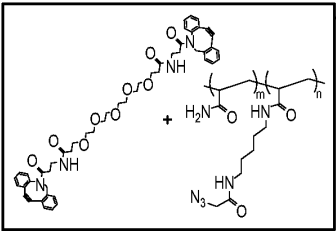


FIG. 19A

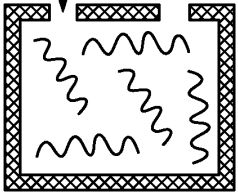


FIG. 19B

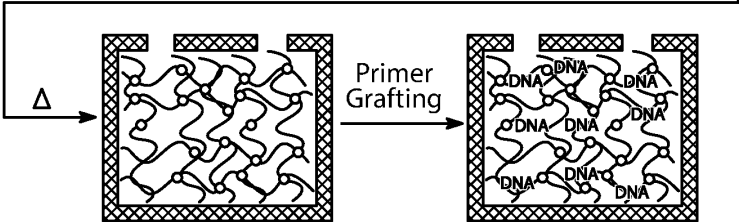
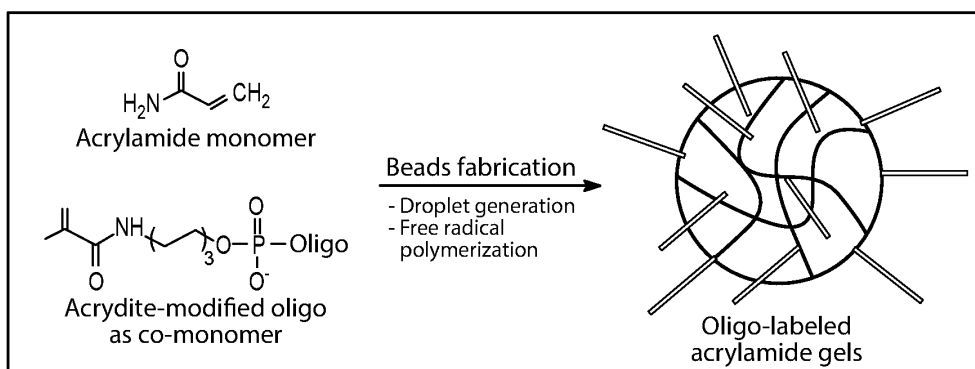
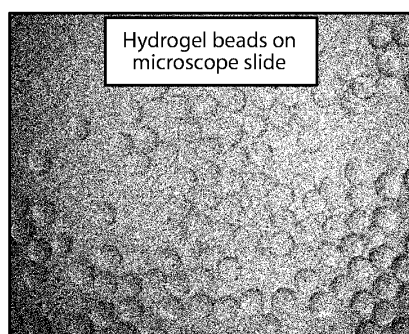
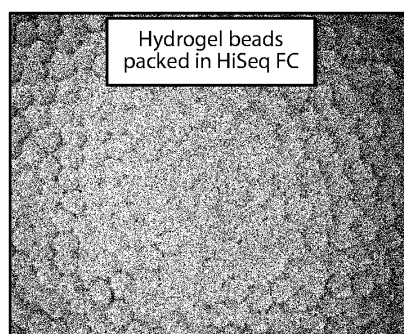
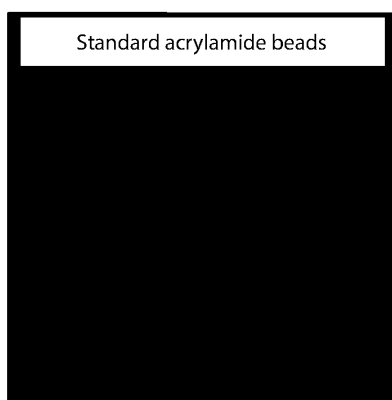
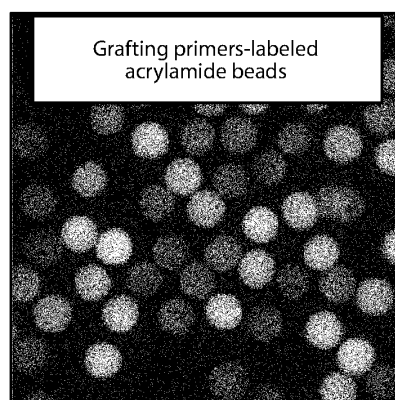
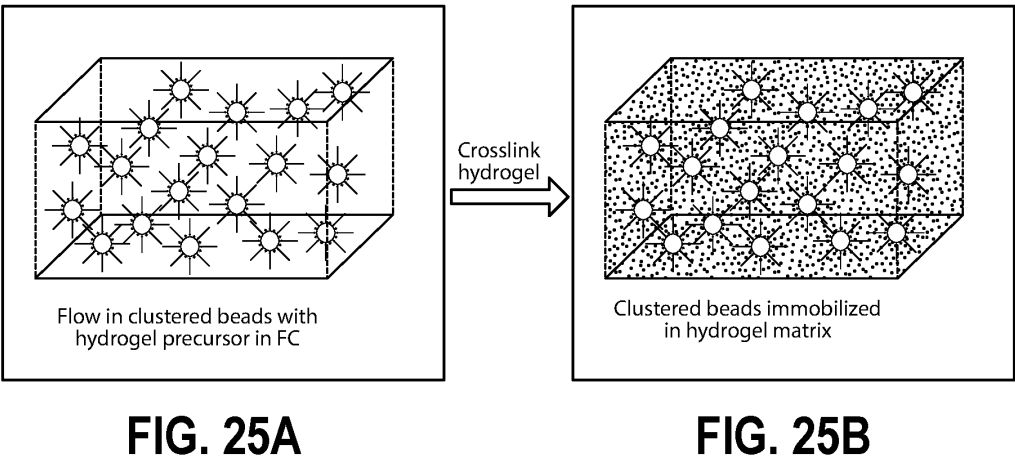
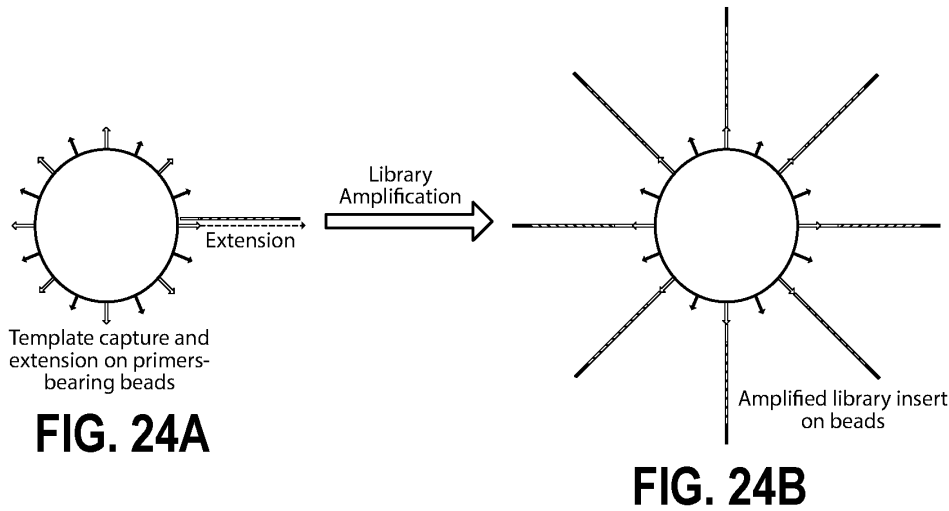
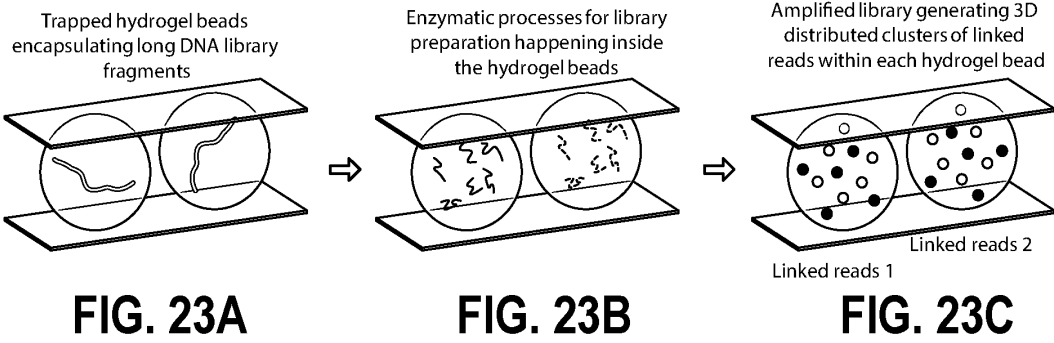


FIG. 19C

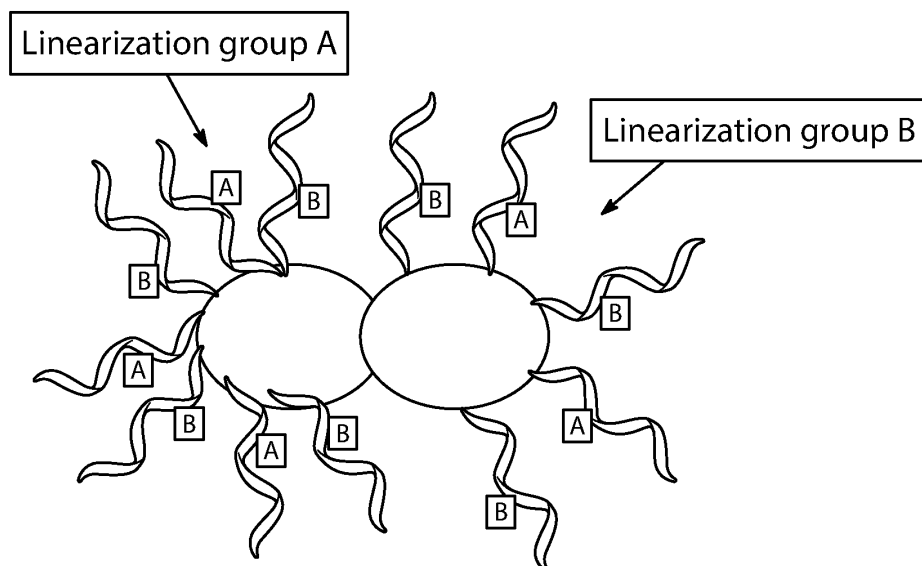
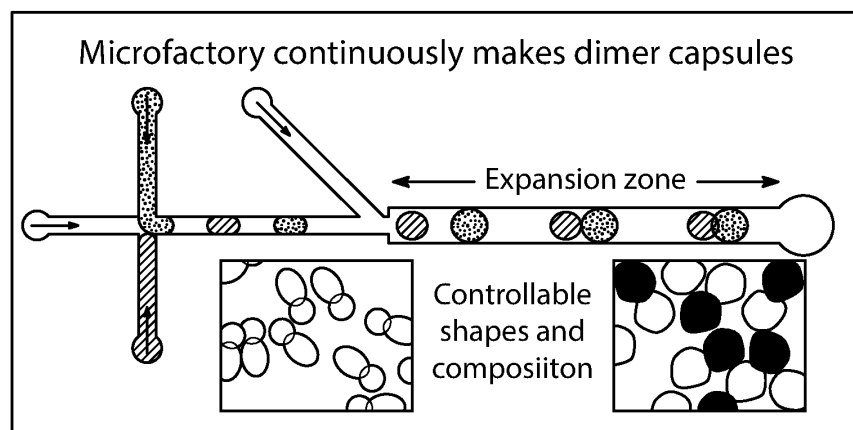
FIG. 19D

14/31

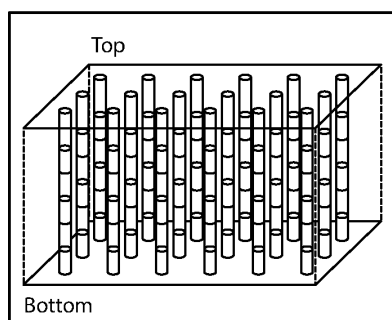
**FIG. 20****FIG. 21A****FIG. 21B****FIG. 22A****FIG. 22B**



16/31

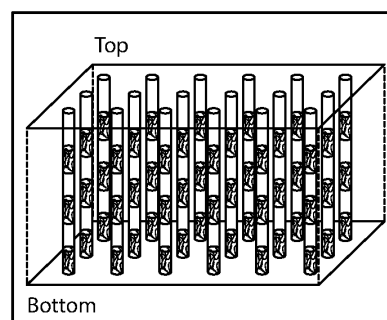
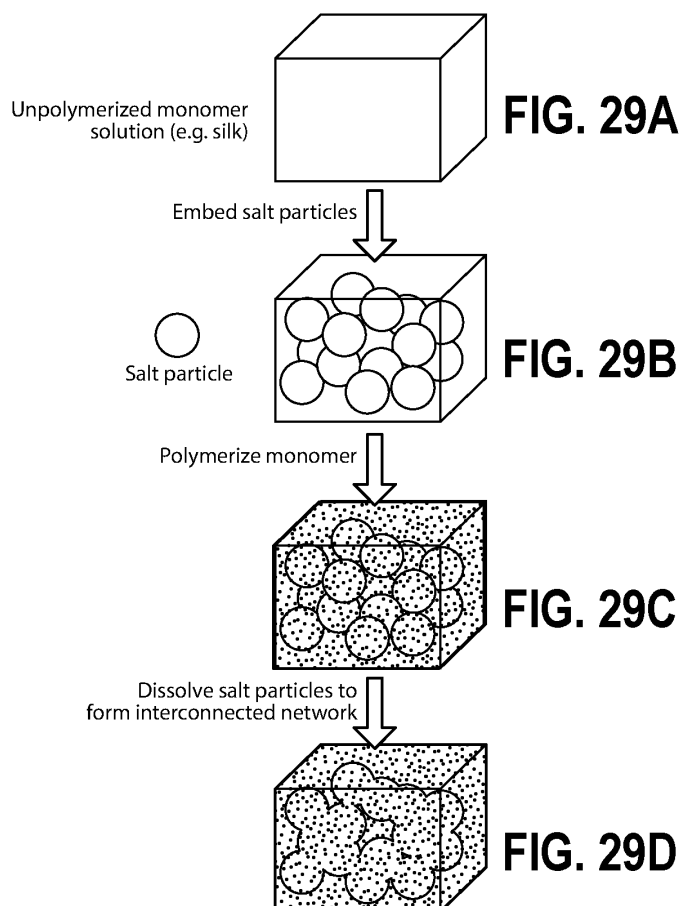
**FIG. 26****FIG. 27**

17/31

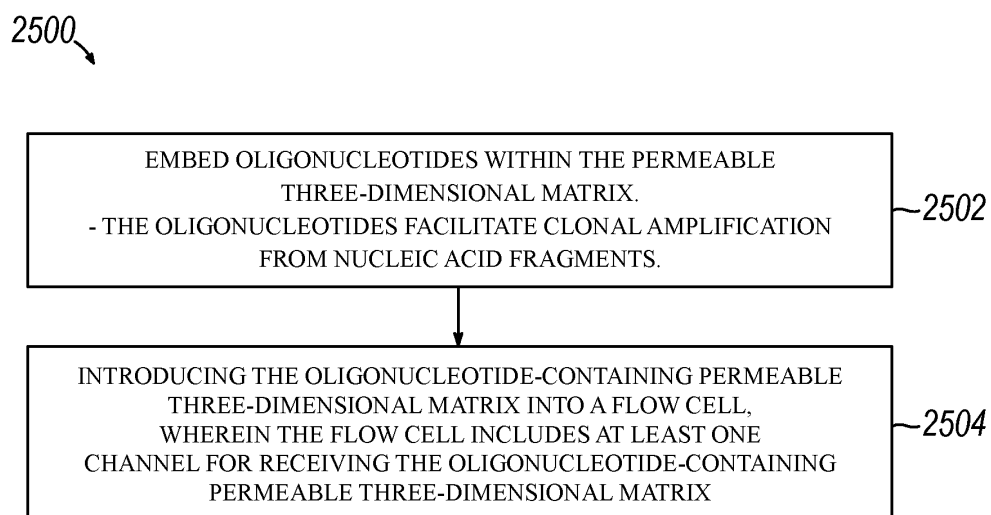
**FIG. 28A**

Selective
Functionalization

→

**FIG. 28B**

18/31

**FIG. 30**

19/31

2600

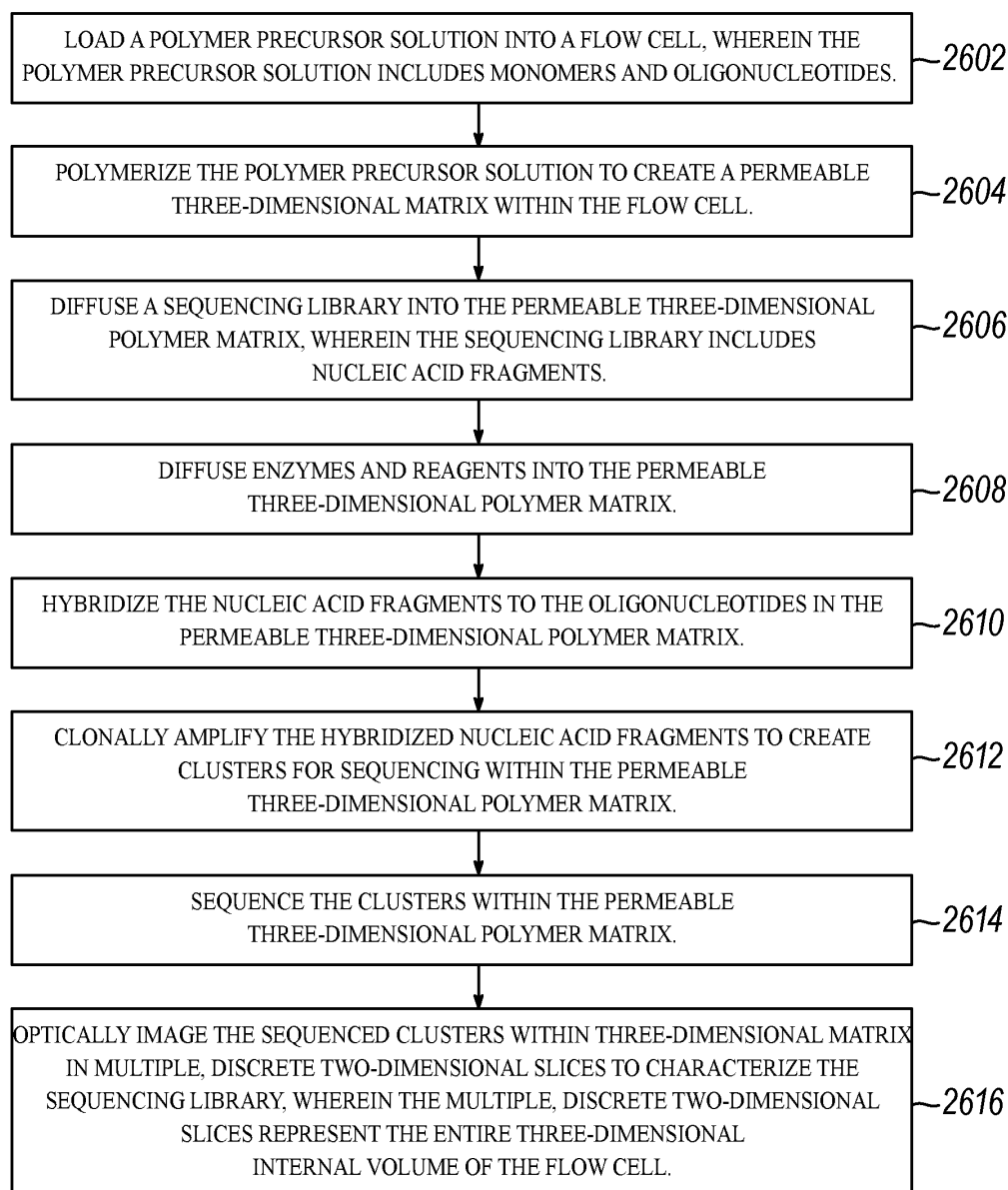


FIG. 31

20/31

2700

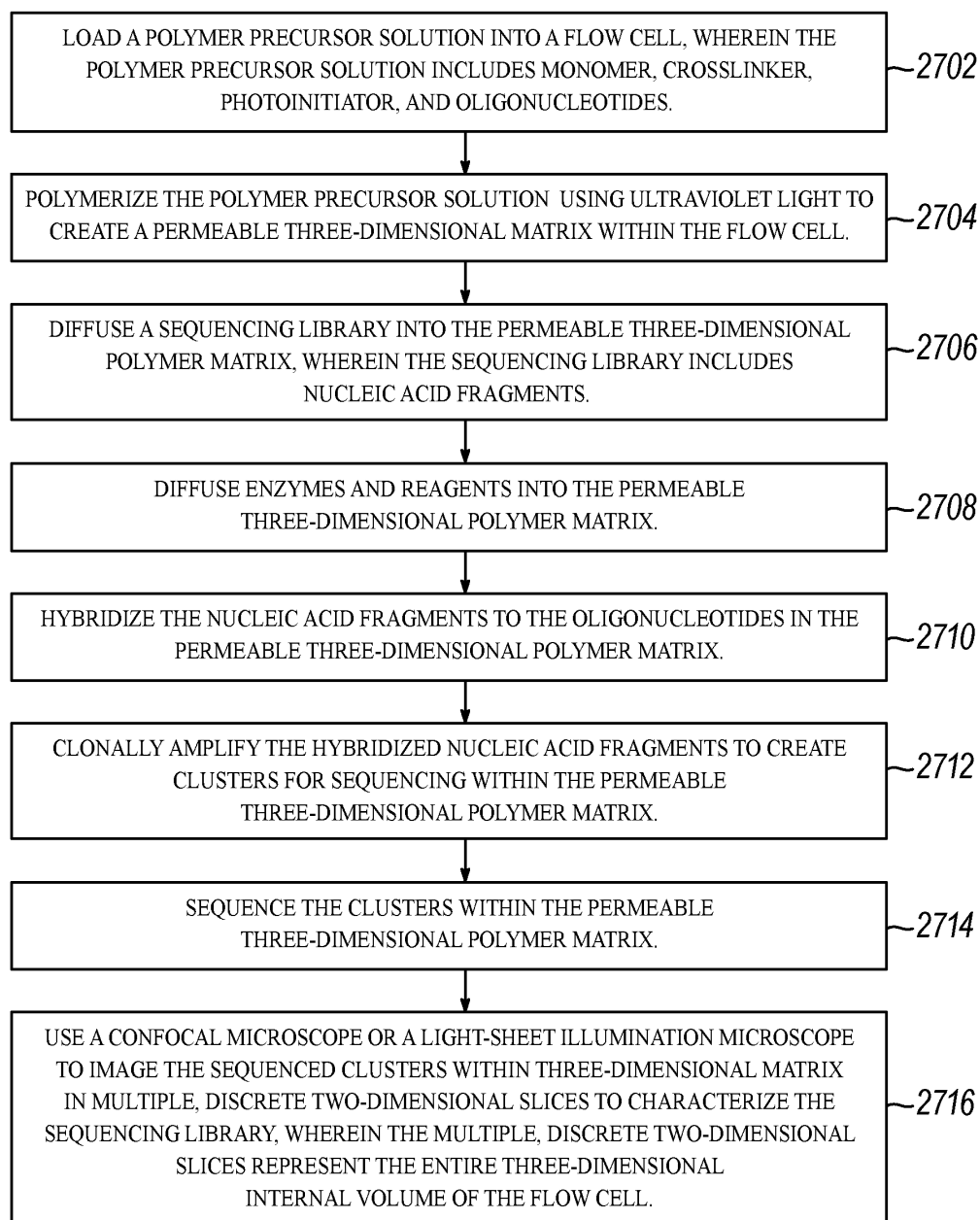


FIG. 32

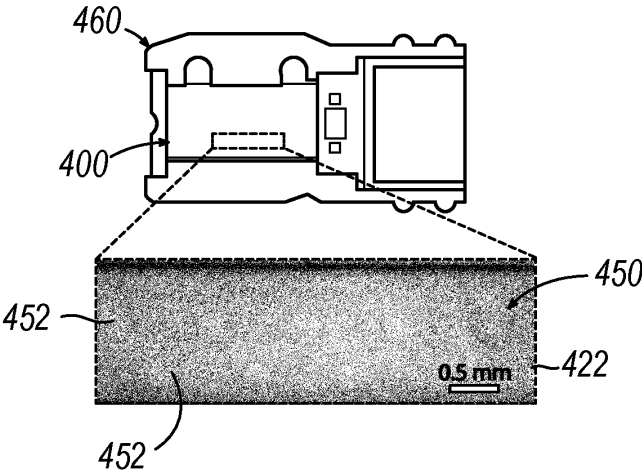


FIG. 33

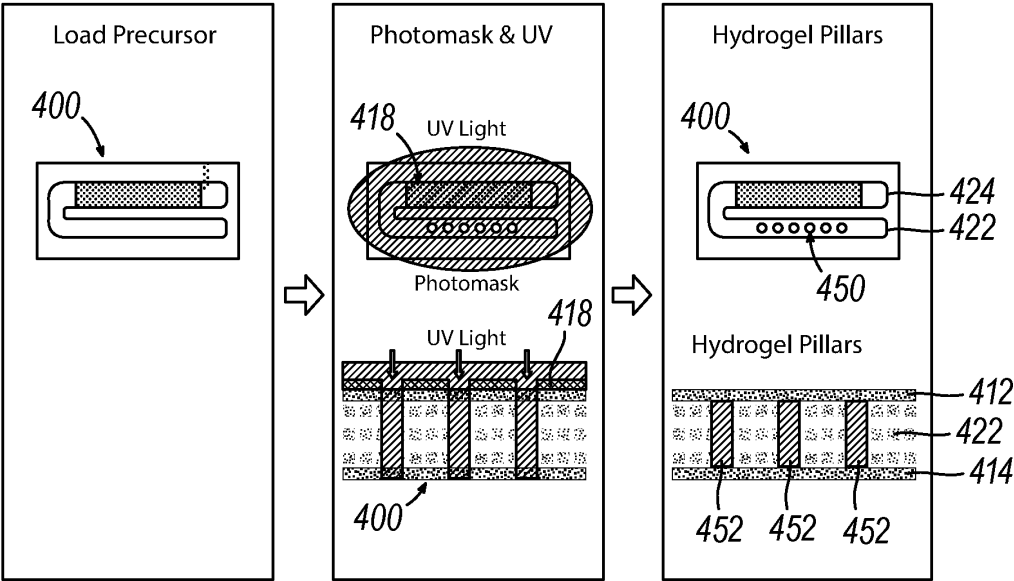


FIG. 34A

FIG. 34B

FIG. 34C

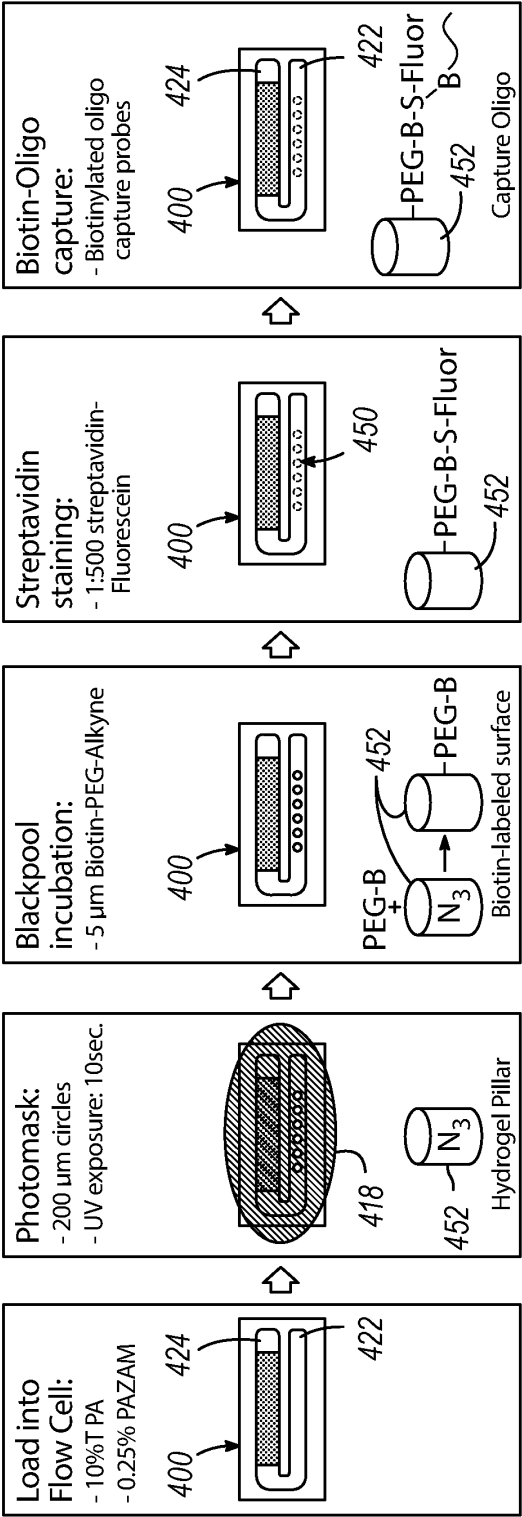


FIG. 35E

FIG. 35D

FIG. 35C

FIG. 35B

23/31

Bright Field 4X

Control
PA/PAZAM

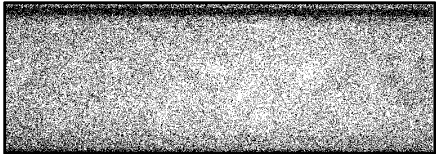


FIG. 36A

PA/PAZAM
+ Blackpool

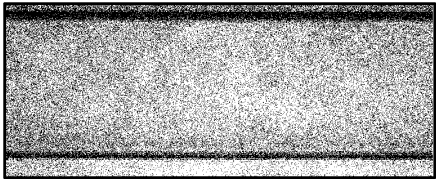


FIG. 36B

488nm 4X, Strep-Fluor. 5min R.T.

Control
PA/PAZAM

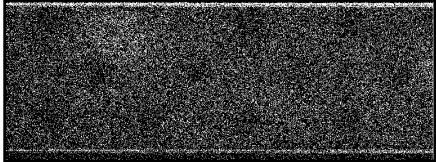


FIG. 36C

PA/PAZAM
+ Blackpool

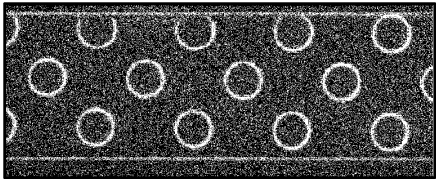


FIG. 36D

488nm 4X, Strep-Fluor. 10min 40°C

Control
PA/PAZAM

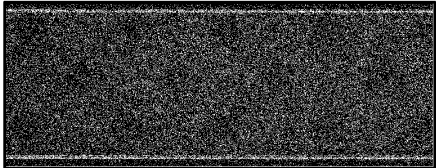


FIG. 36E

PA/PAZAM
+ Blackpool

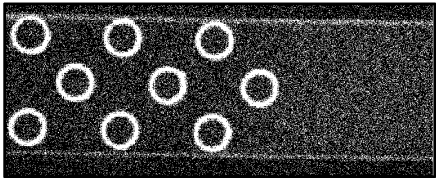
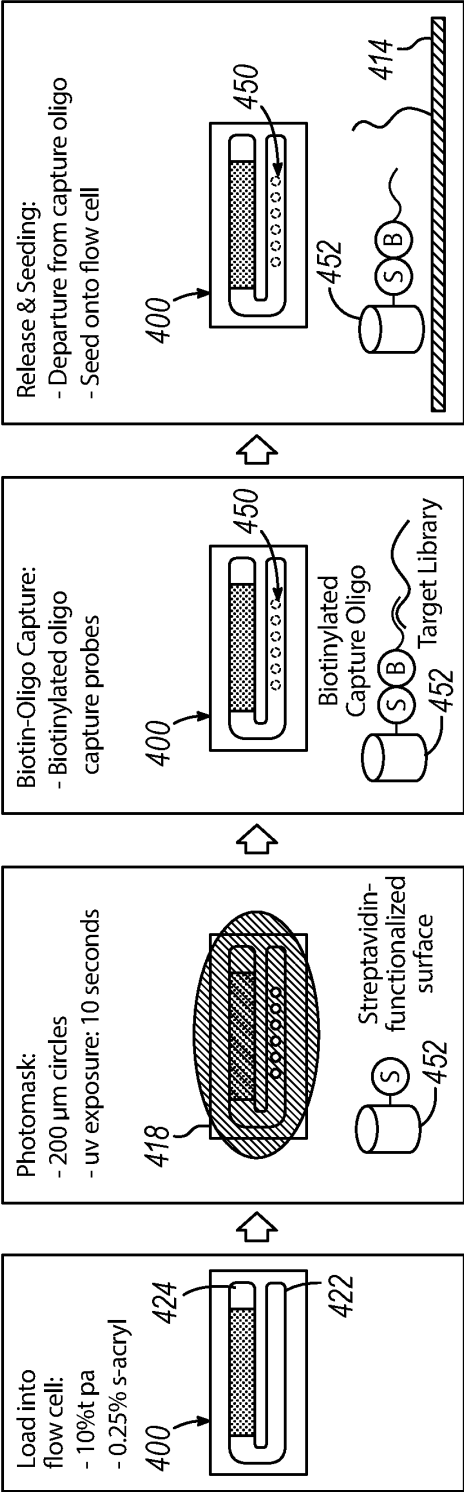
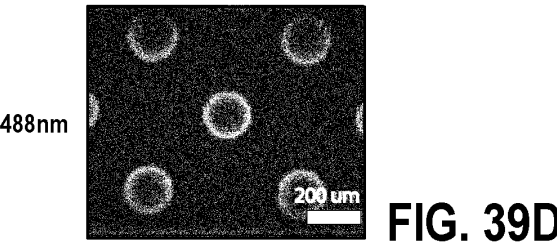
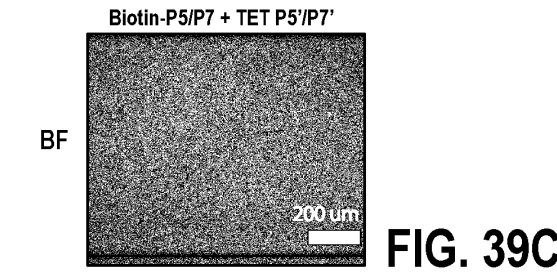
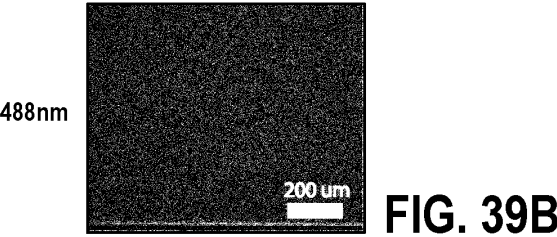
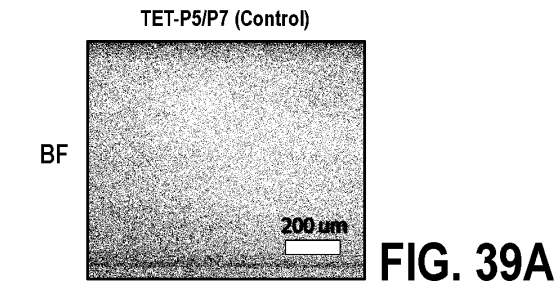


FIG. 36F





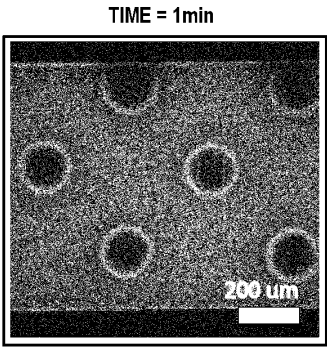


FIG. 40A

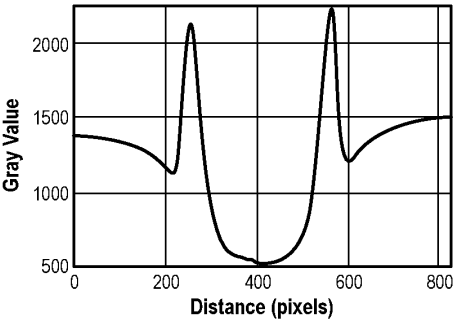


FIG. 40B

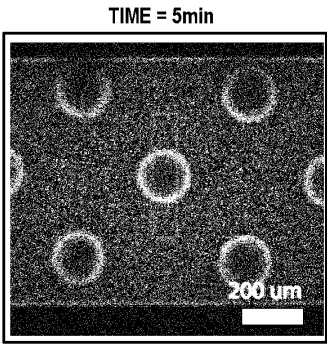


FIG. 40C

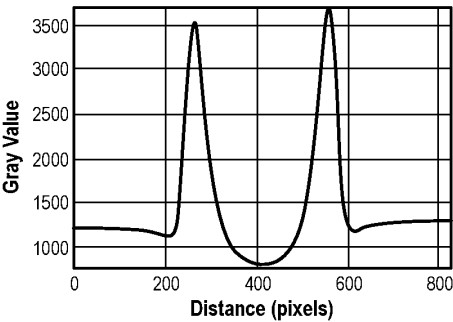


FIG. 40D

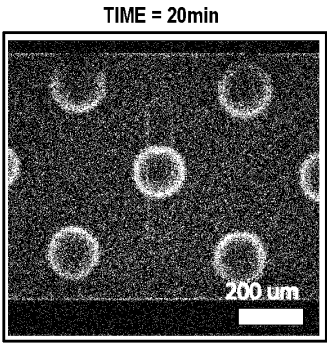


FIG. 40E

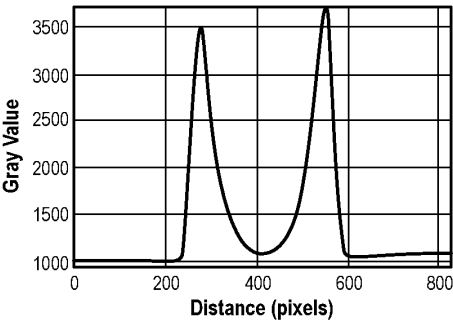


FIG. 40F

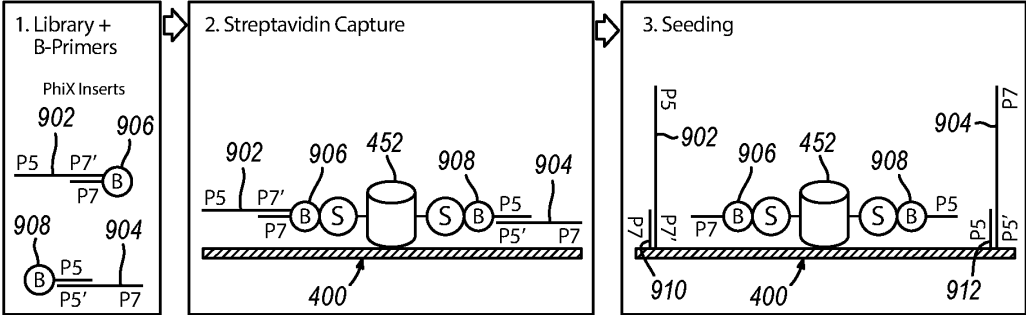
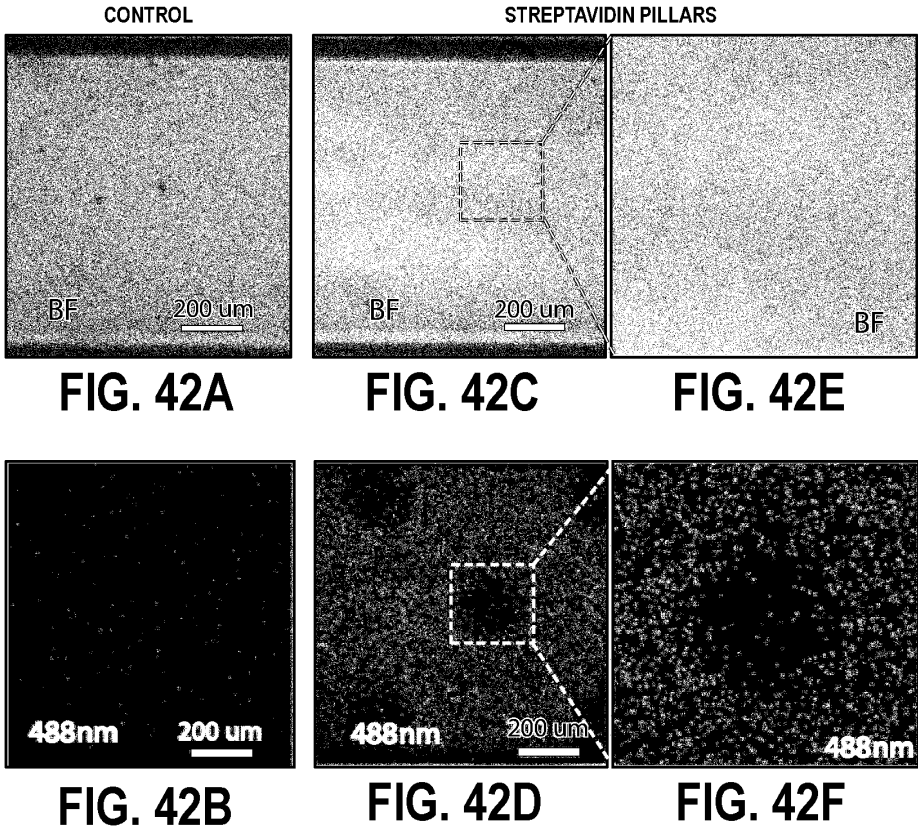


FIG. 41A

FIG. 41B

FIG. 41C



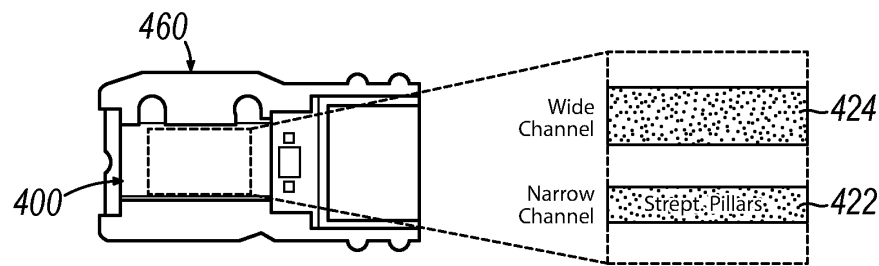


FIG. 43A

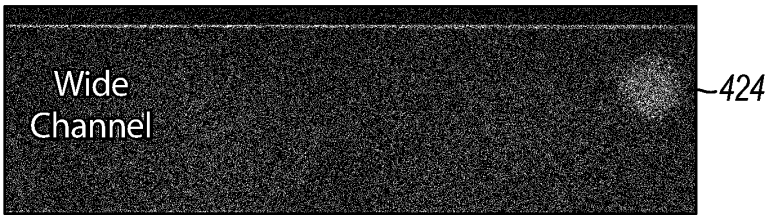


FIG. 43B

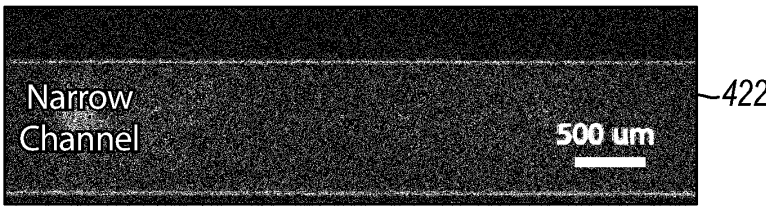
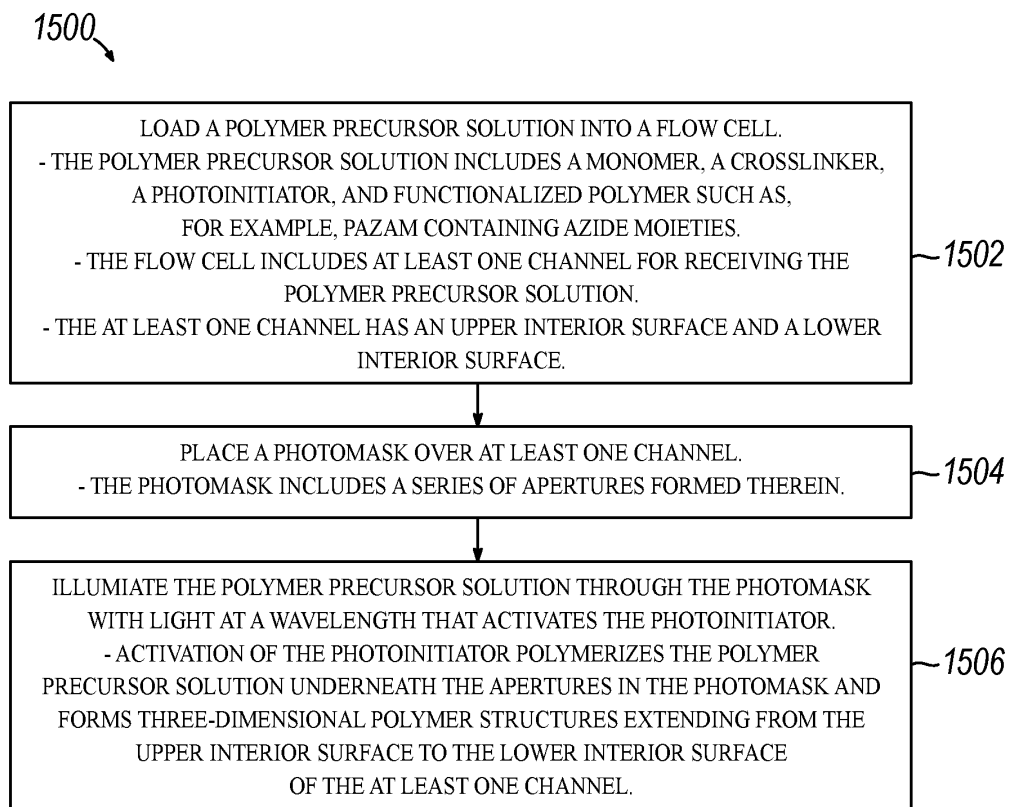


FIG. 43C

29/31

**FIG. 44**

30/31

1600

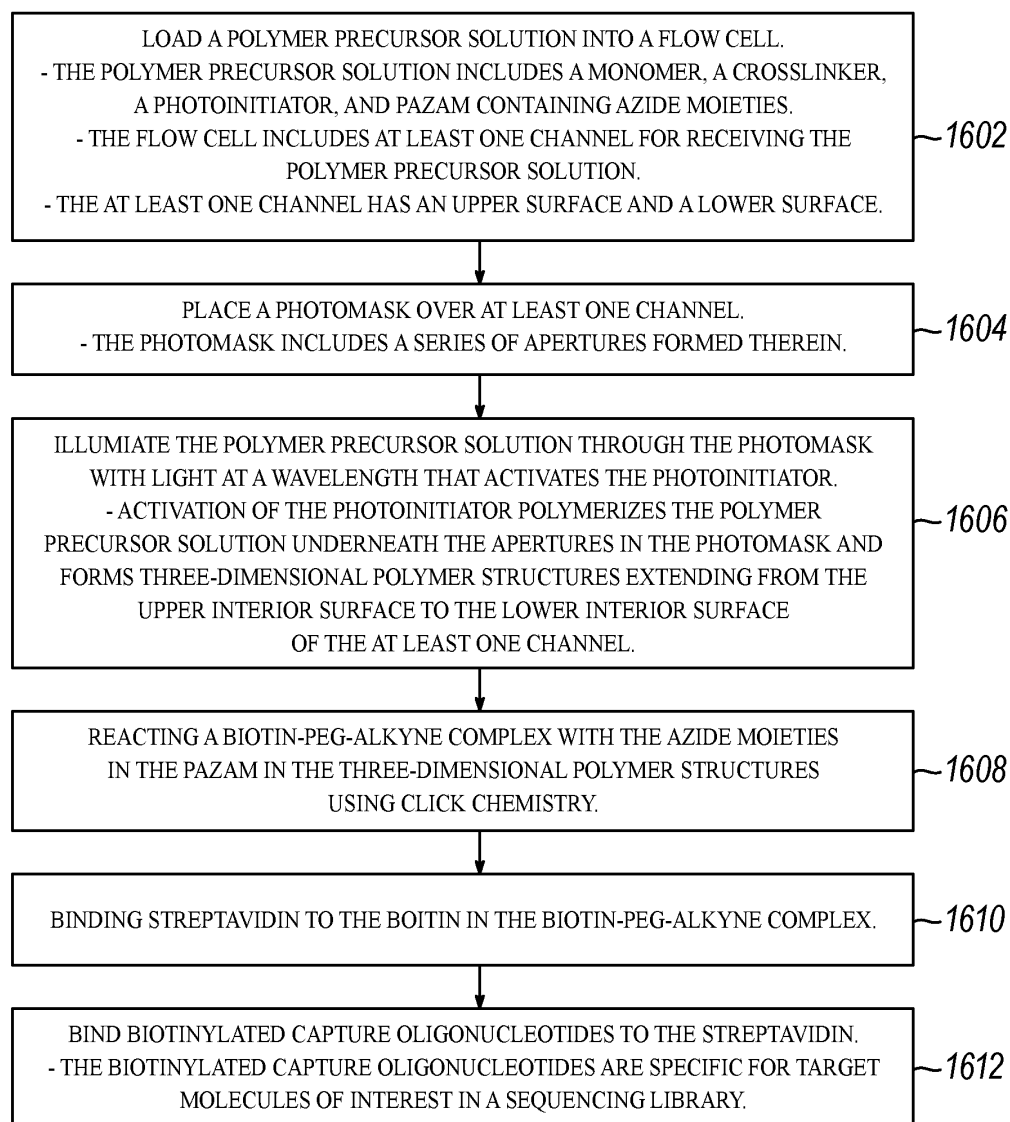


FIG. 45

31/31

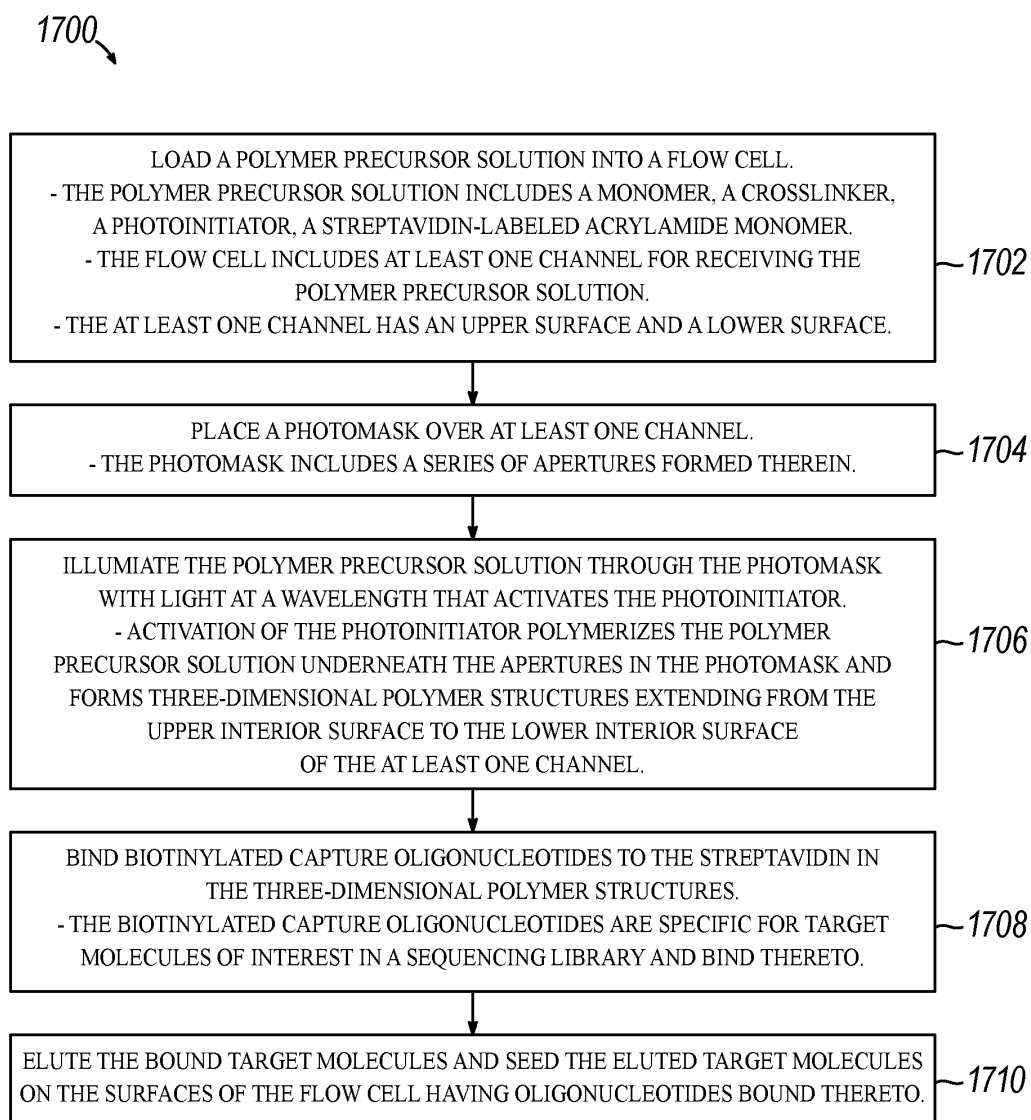


FIG. 46