

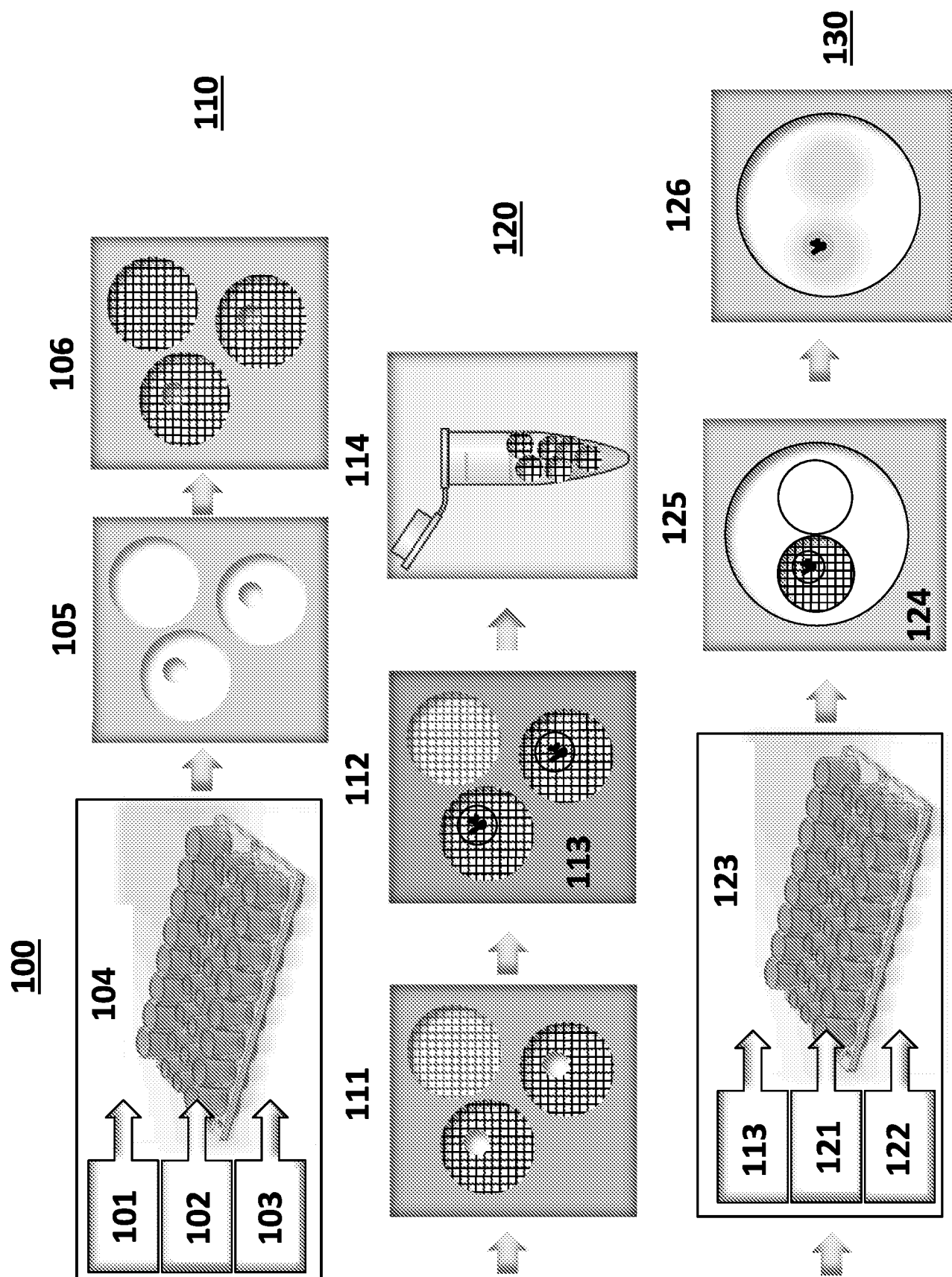


FIG. 1A

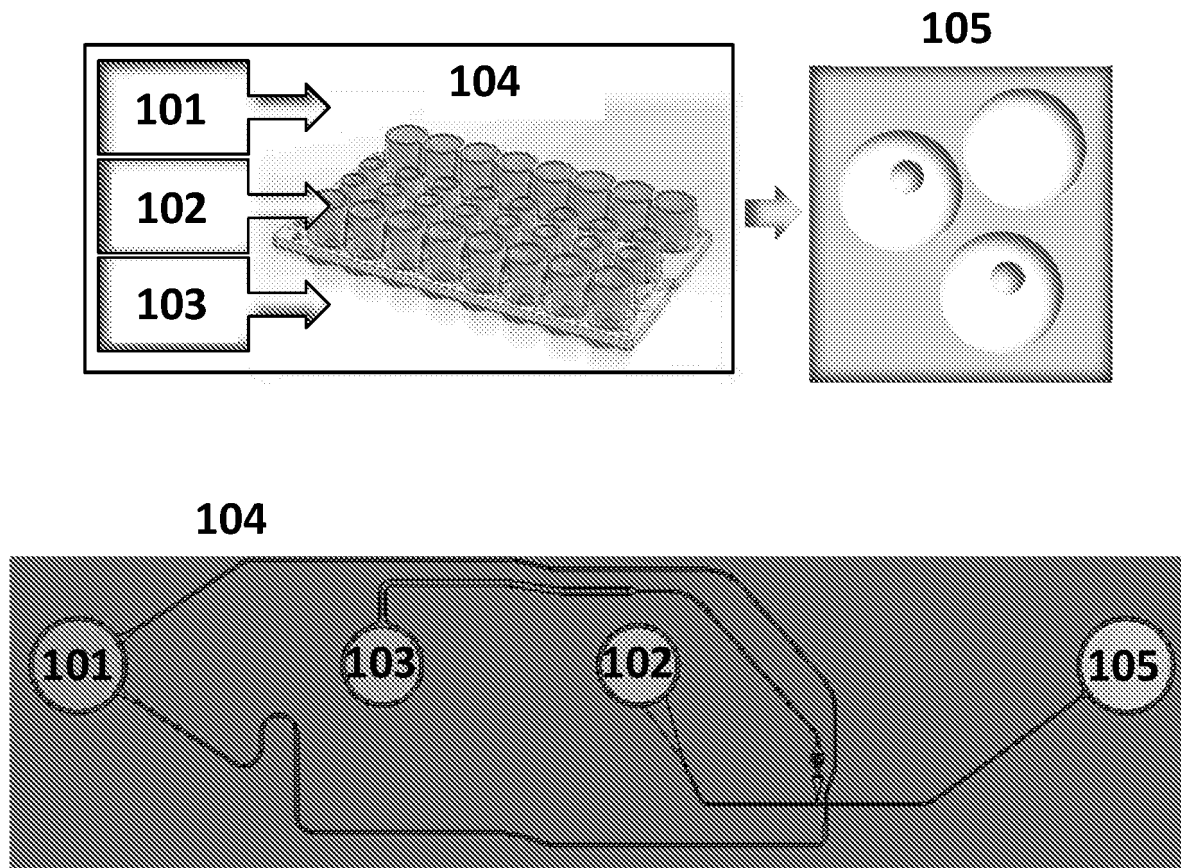


FIG. 1B

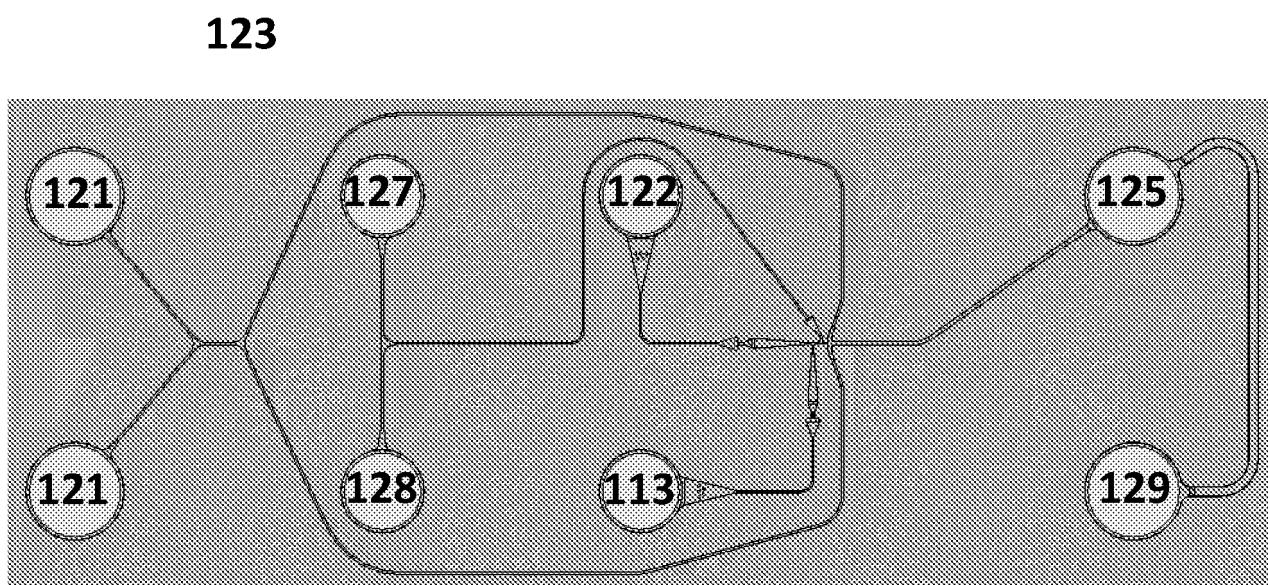
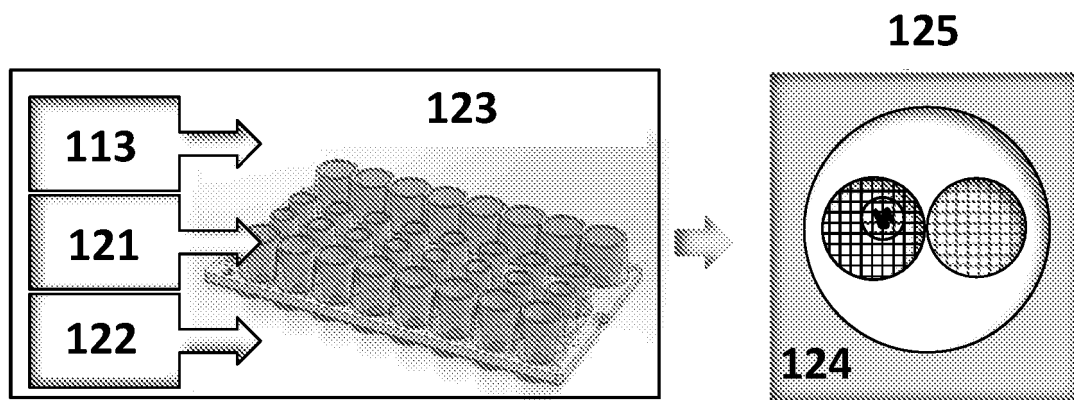


FIG. 1C

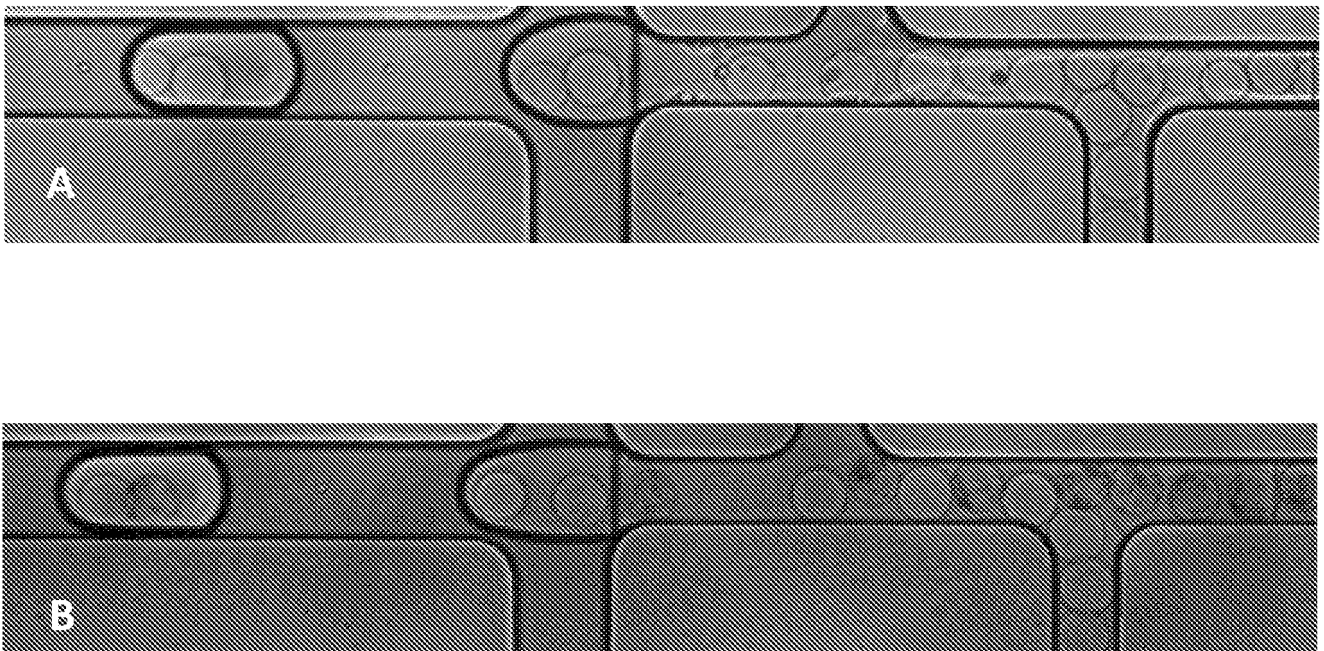


FIG. 1D

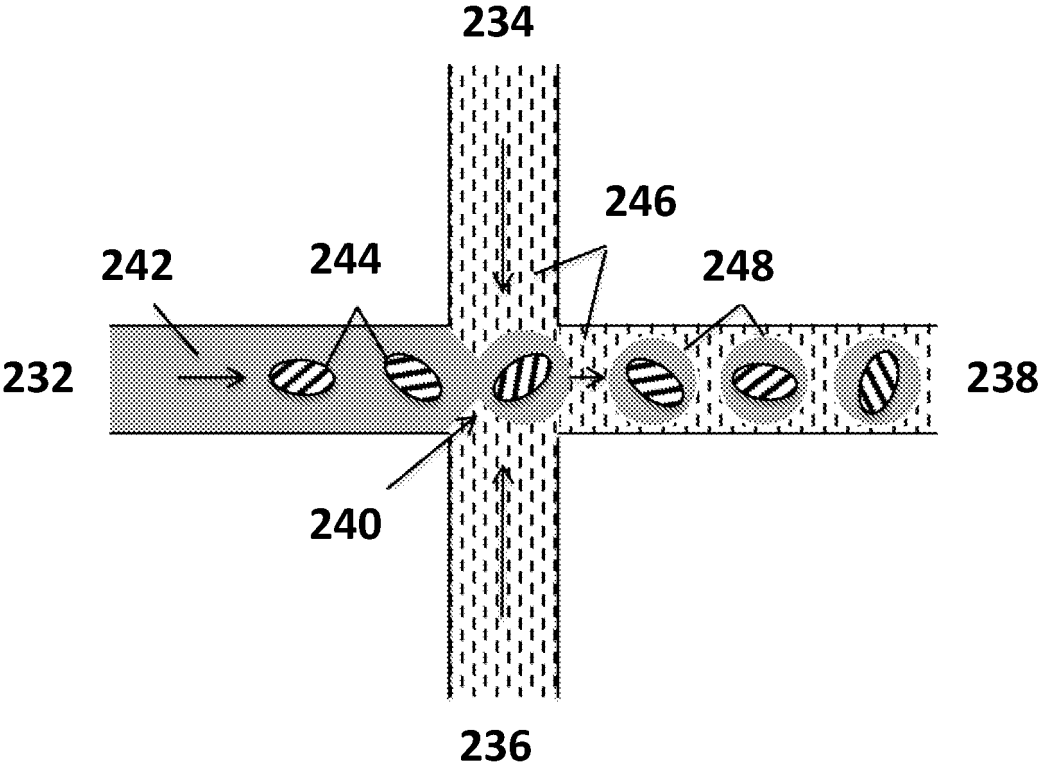


FIG. 2

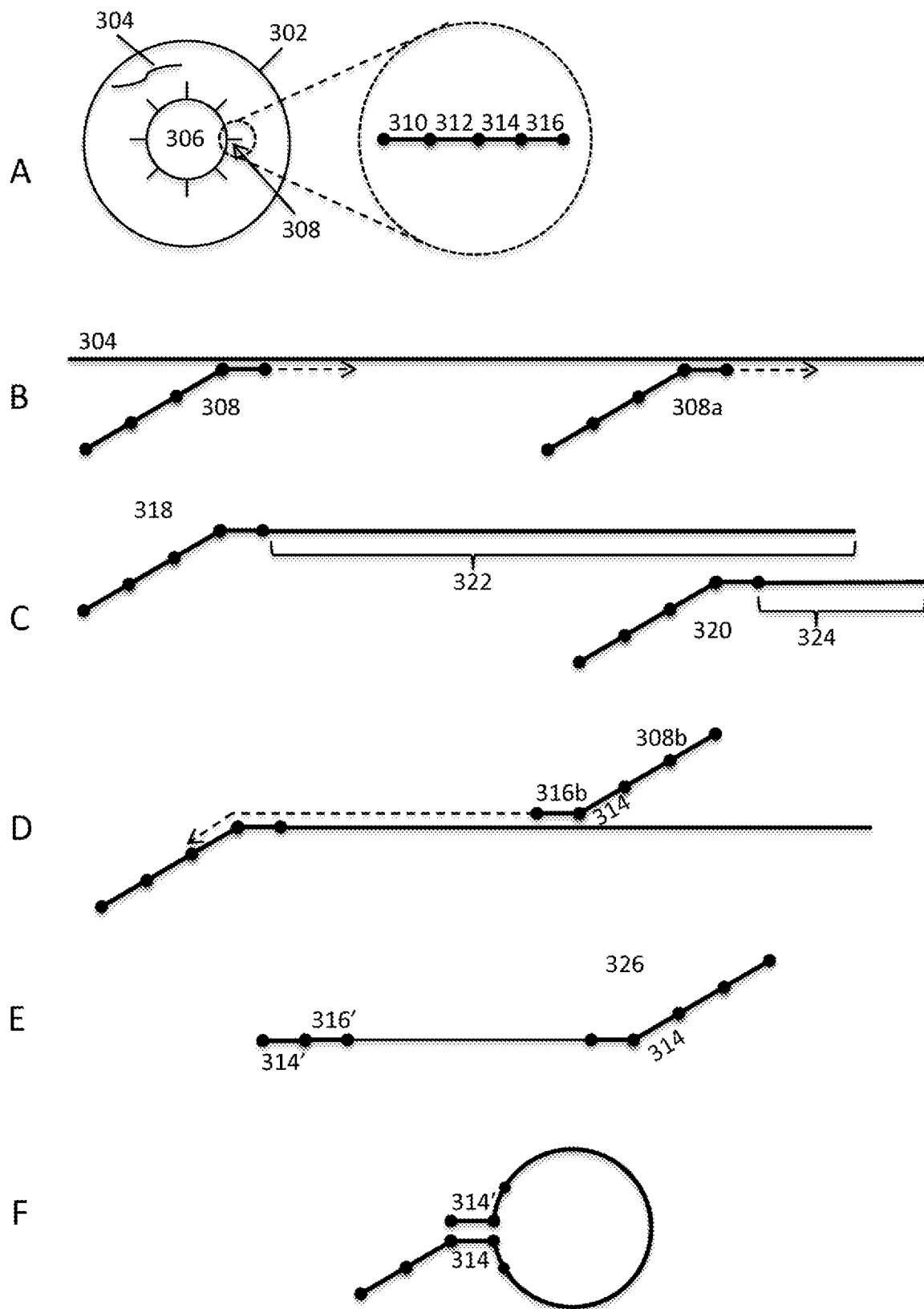


FIG. 3

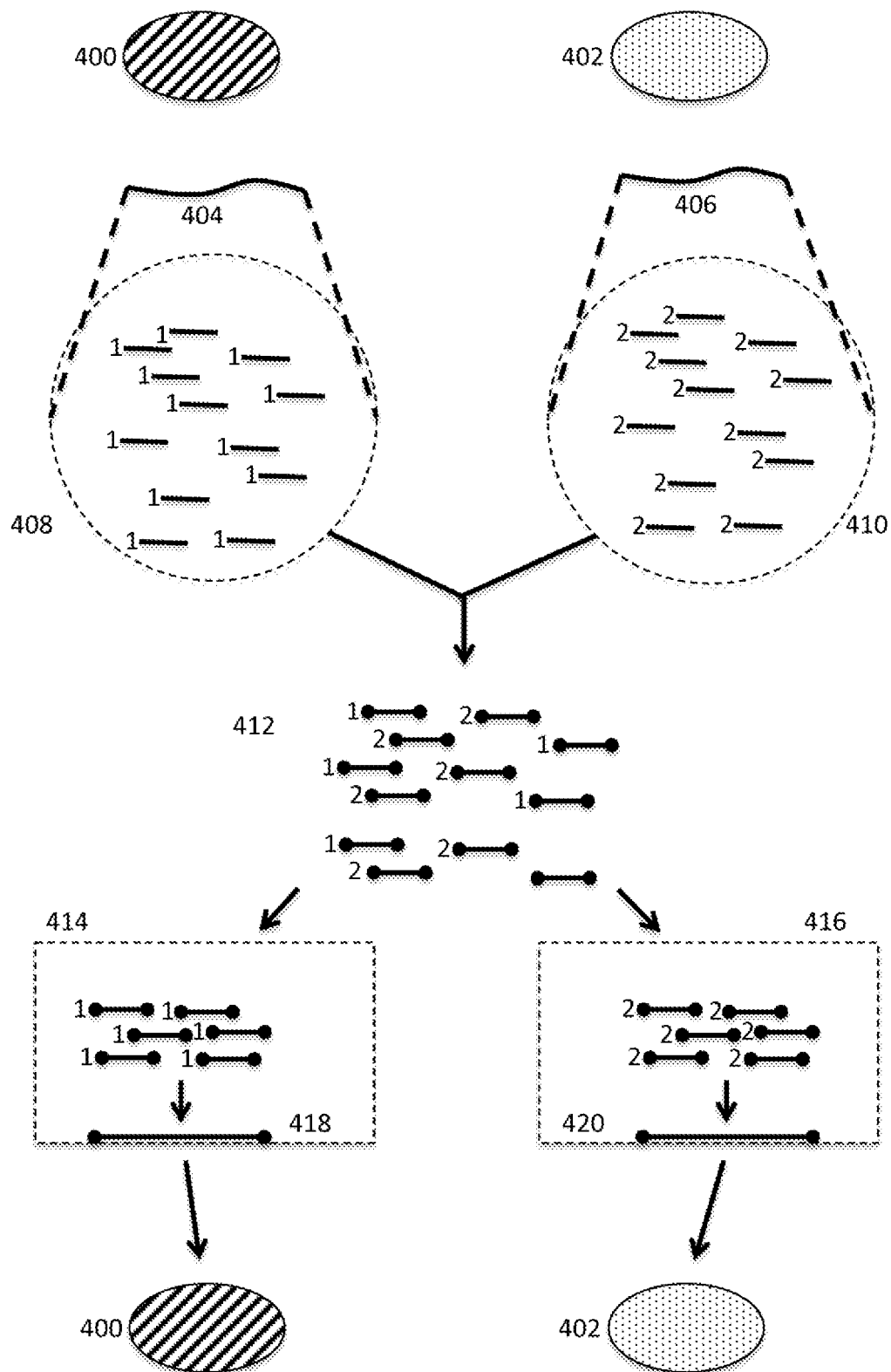


FIG. 4

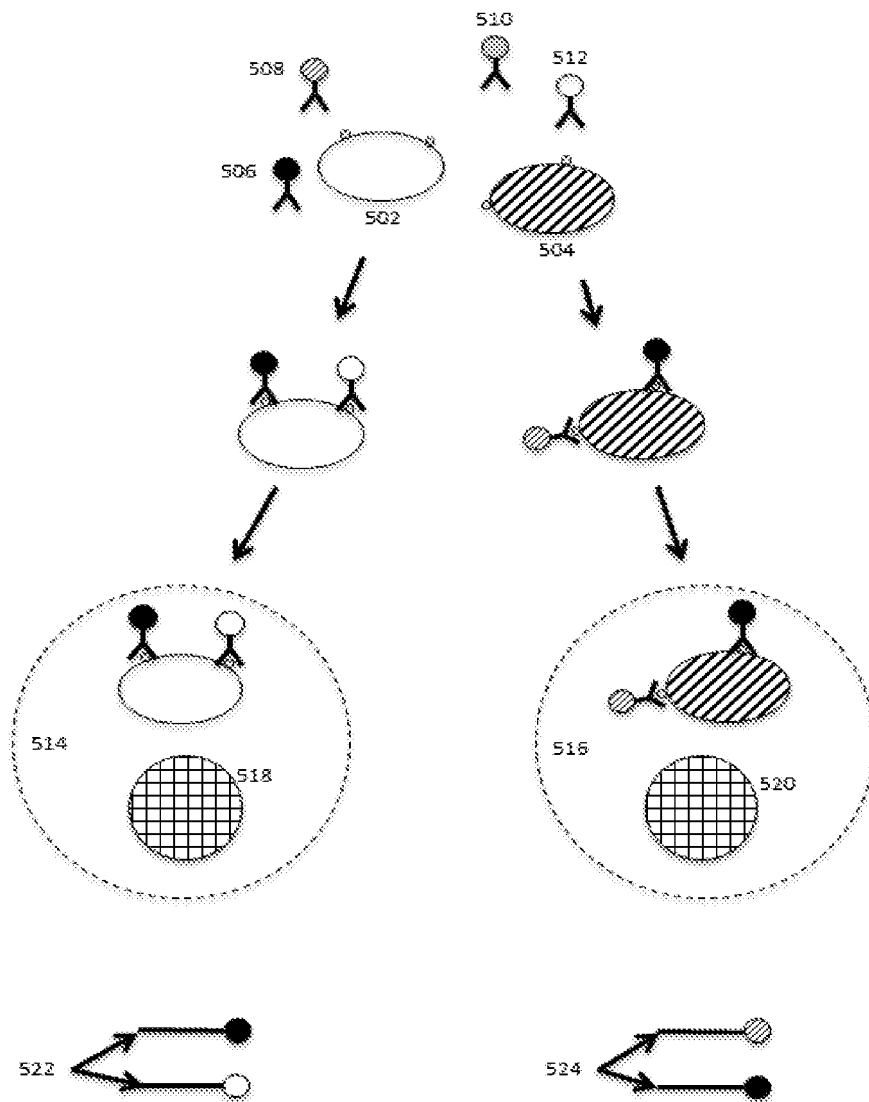


FIG. 5

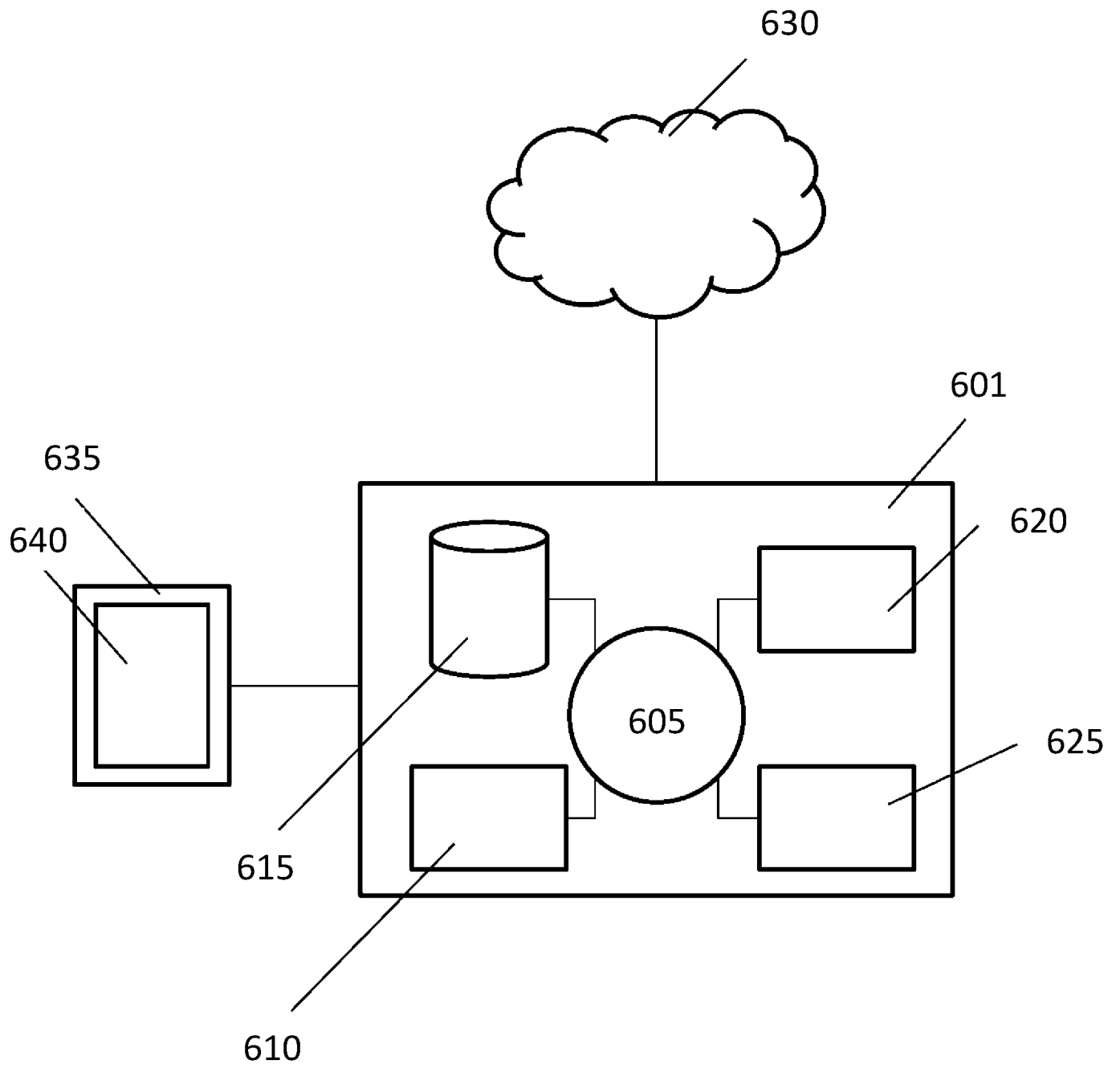


FIG. 6

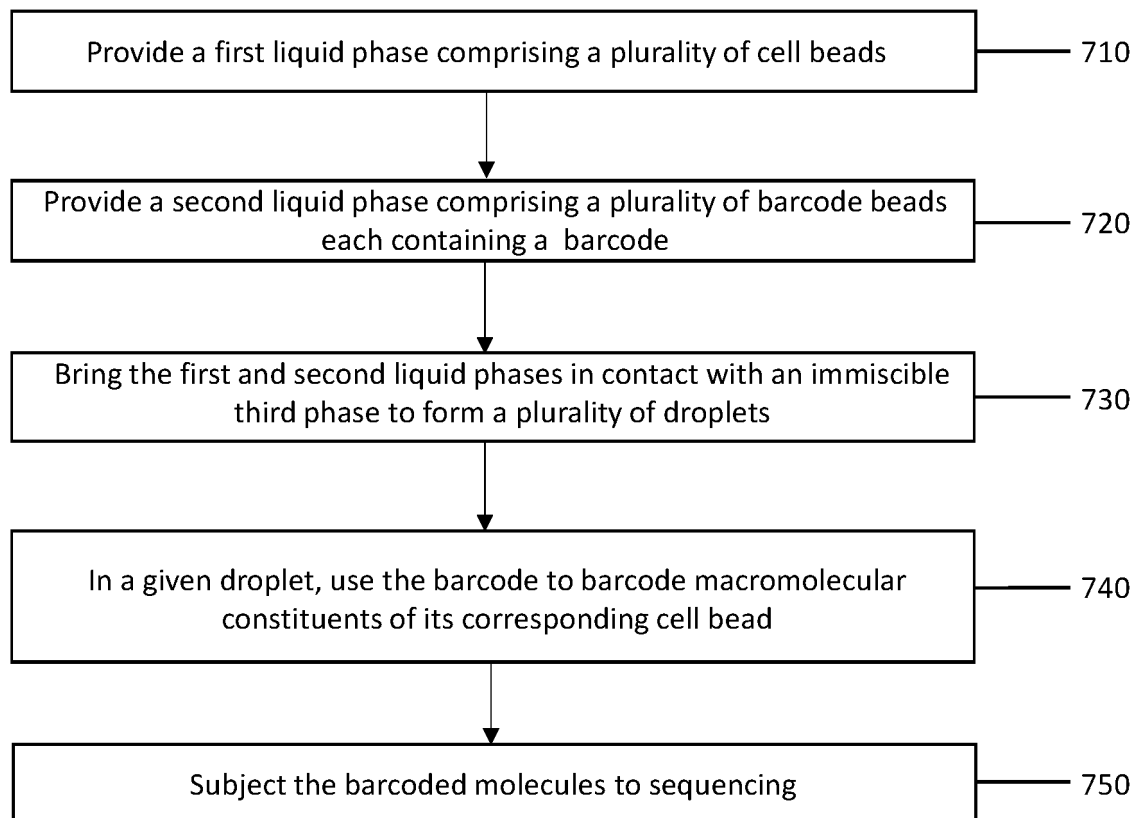
700

FIG. 7

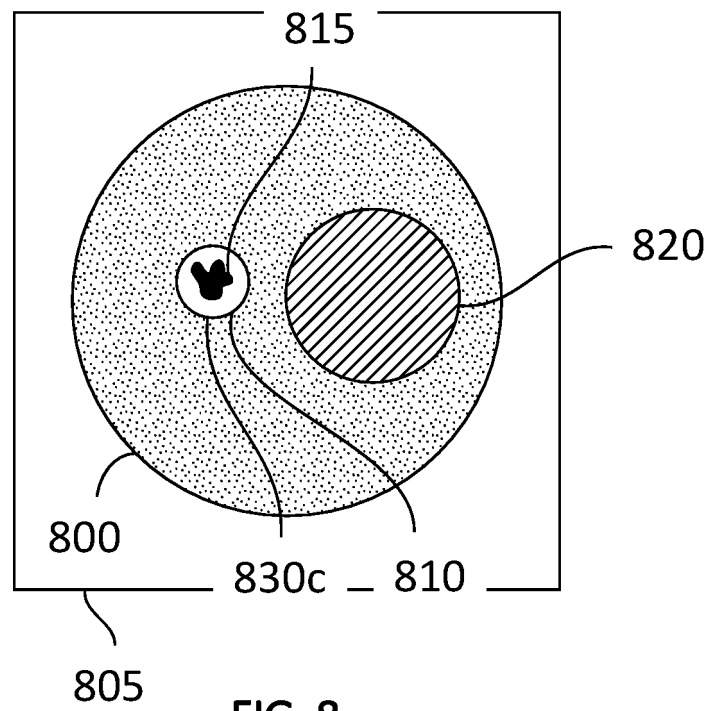


FIG. 8

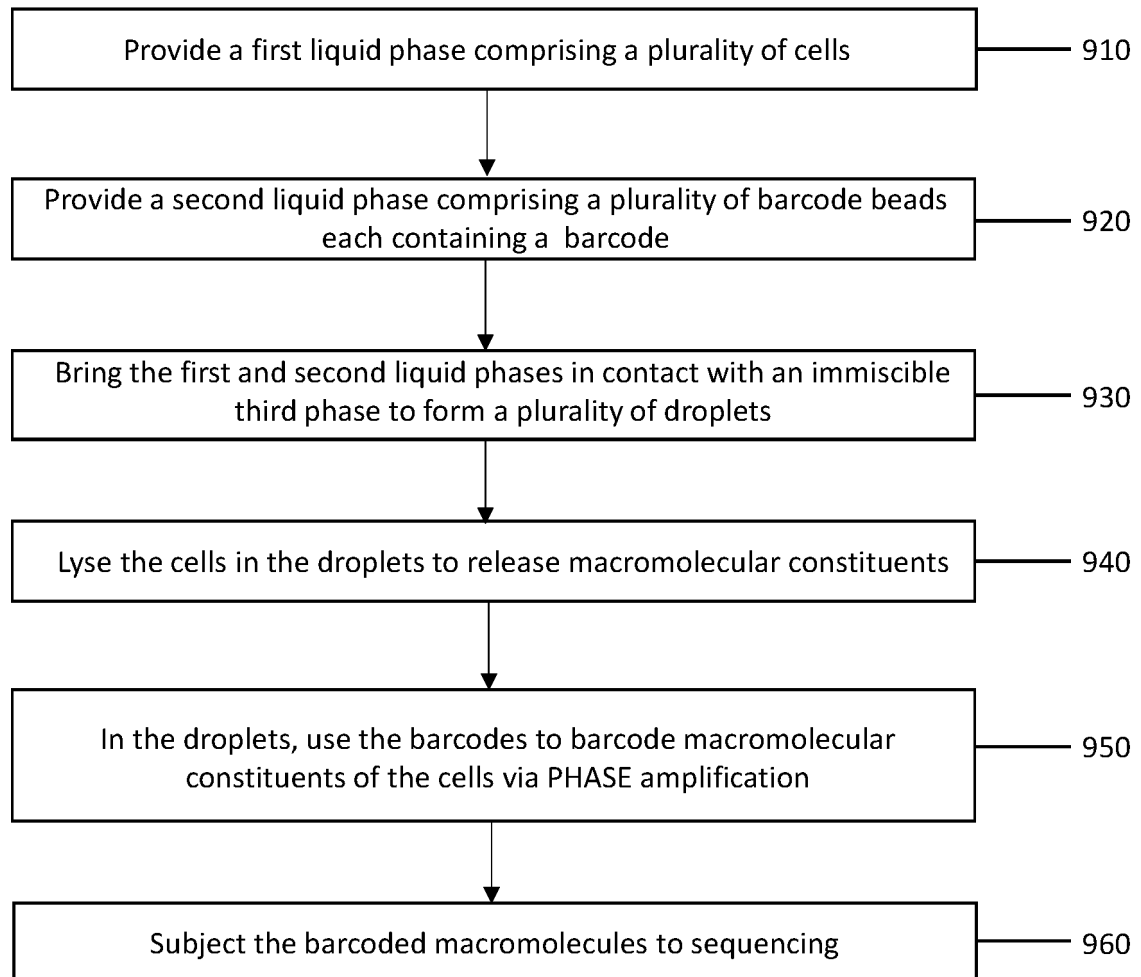
900

FIG. 9

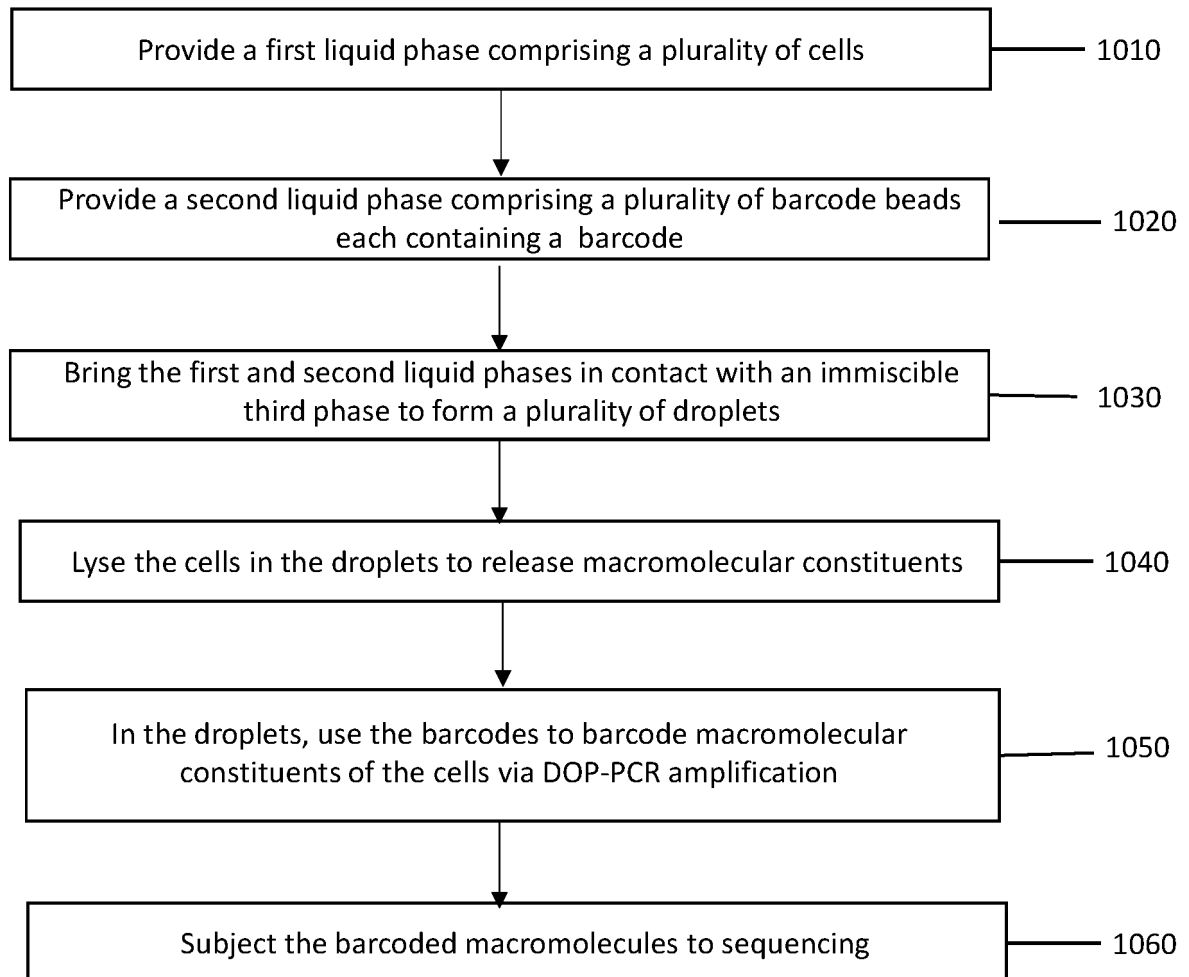
1000

FIG. 10

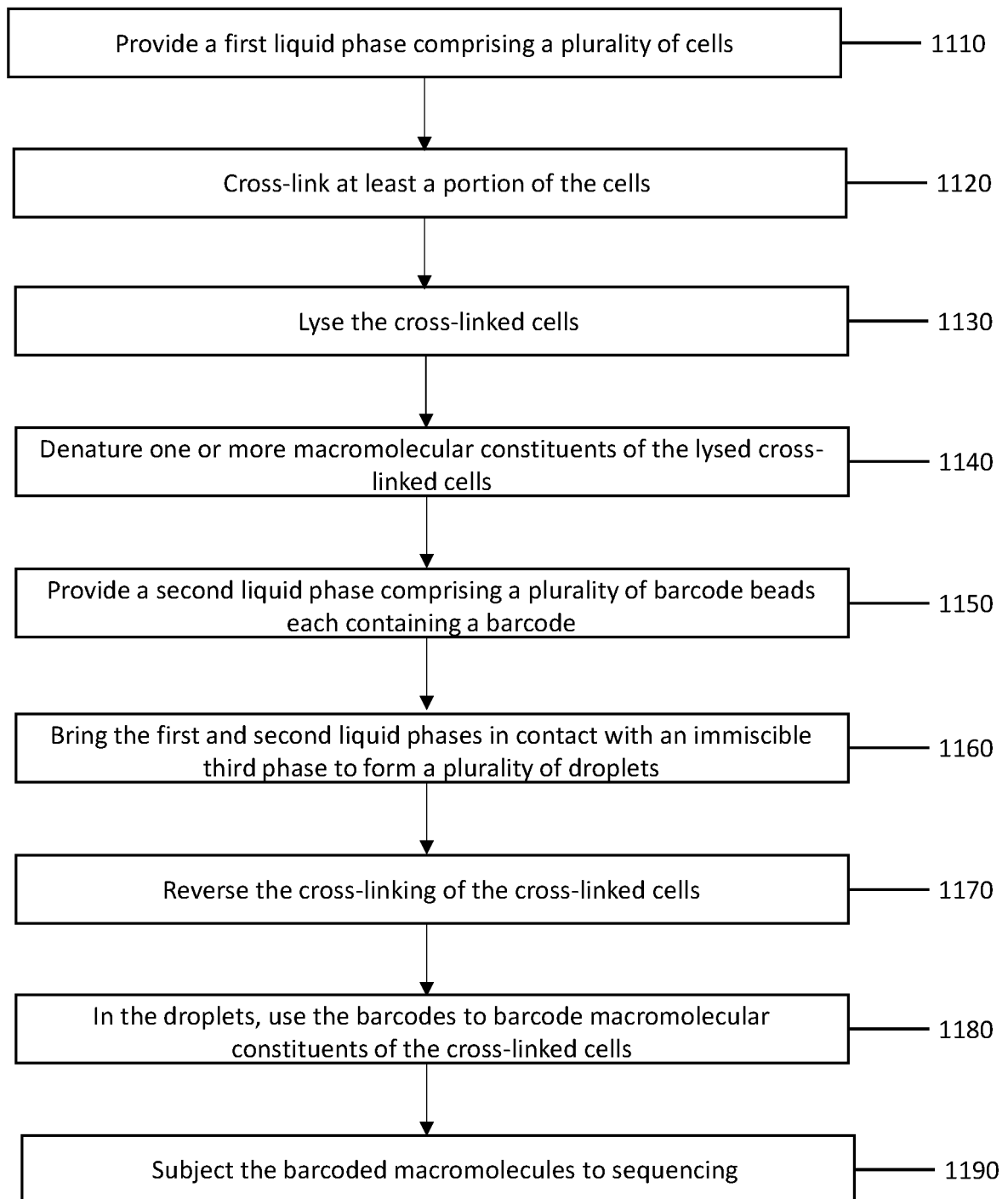
1100

FIG. 11

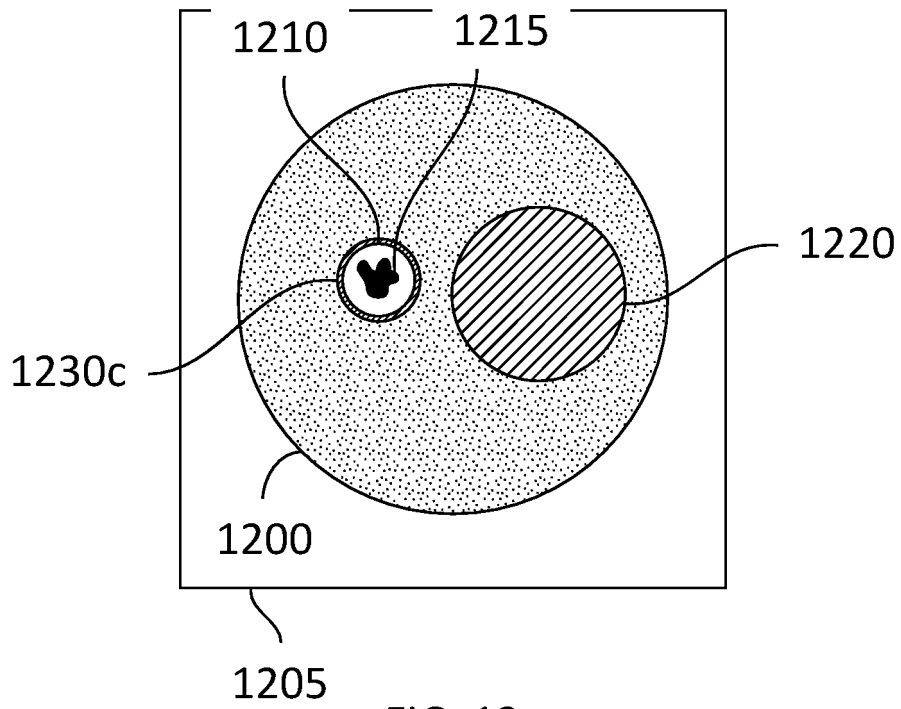


FIG. 12

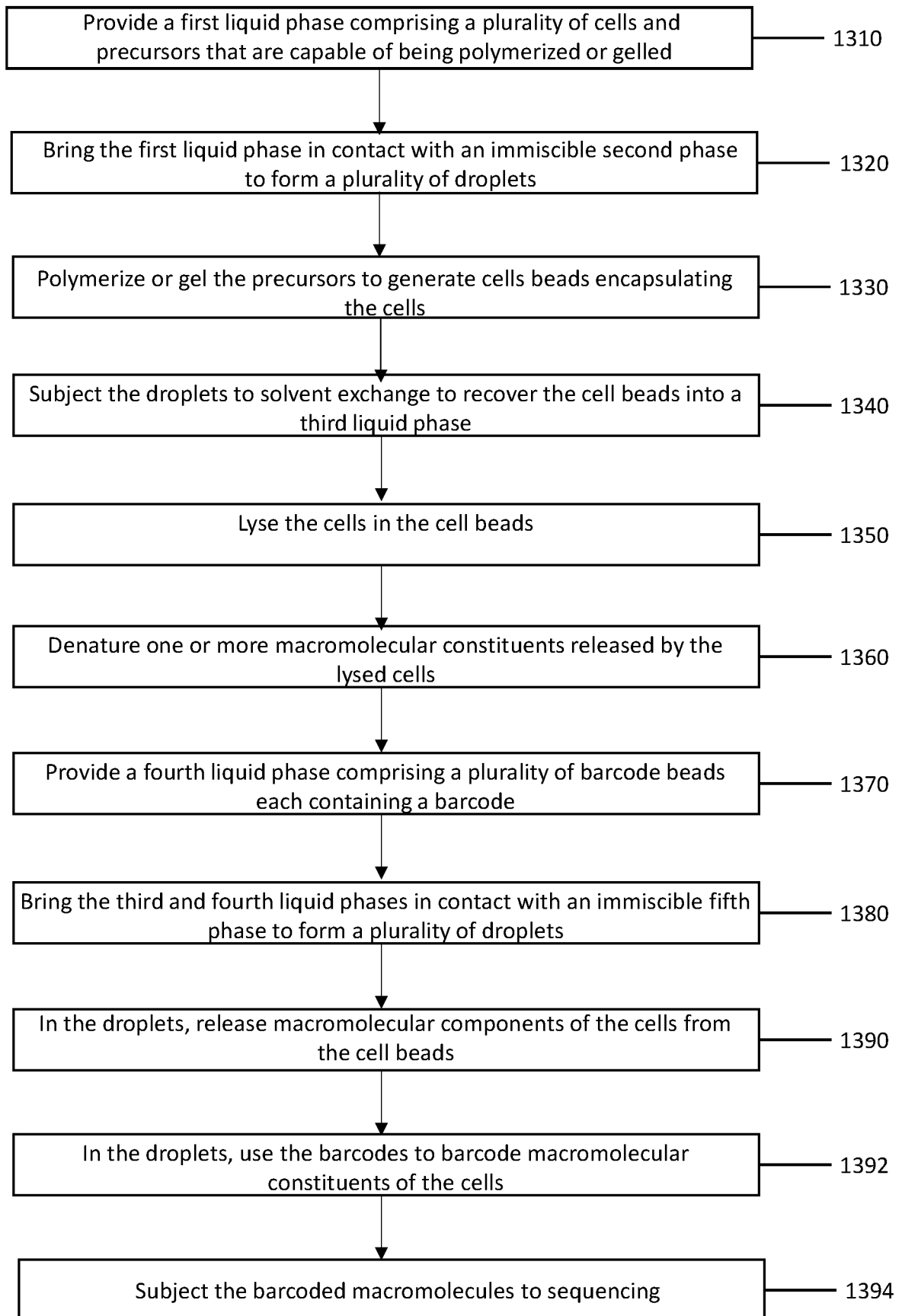
1300

FIG. 13

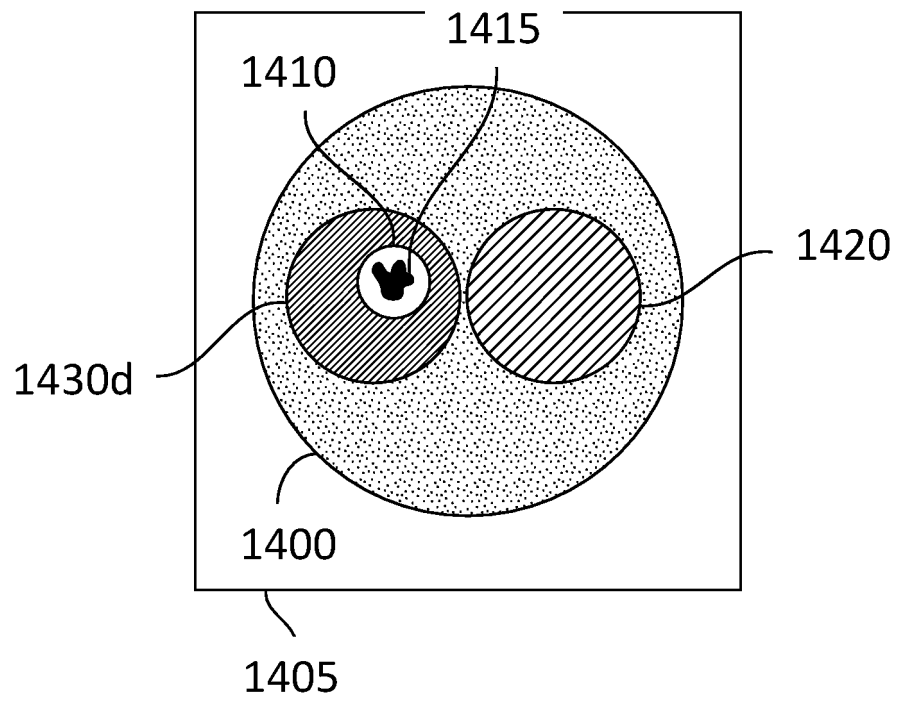


FIG. 14

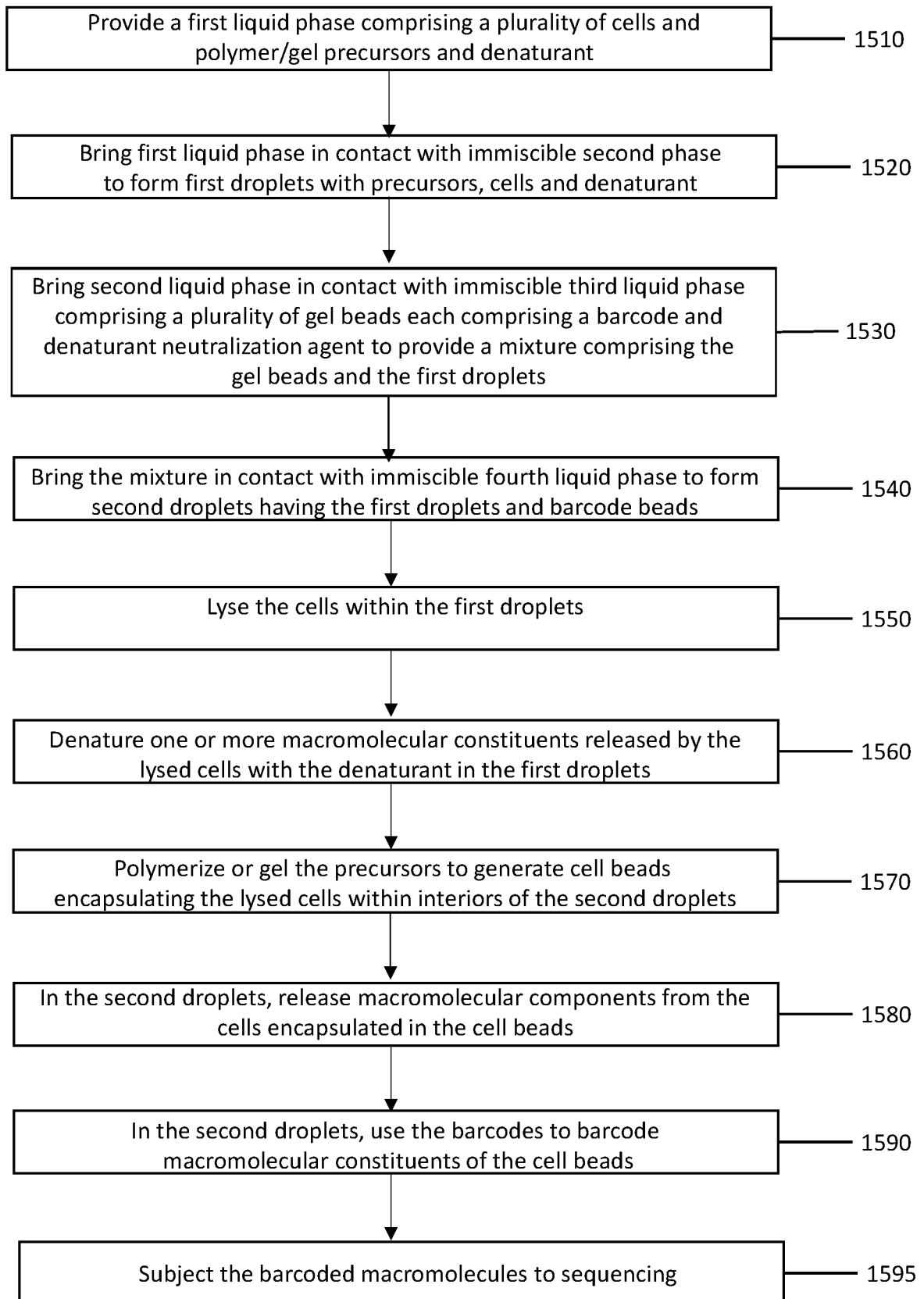
1500

FIG. 15

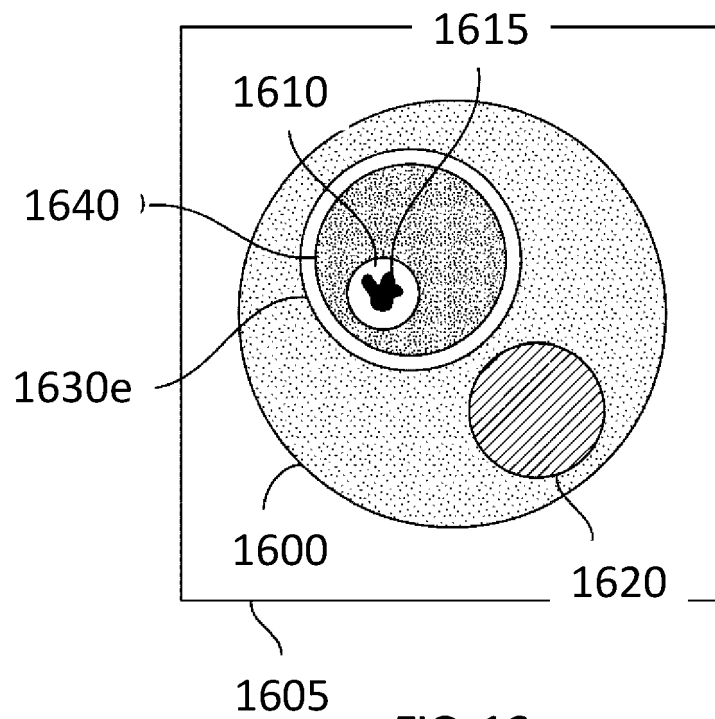


FIG. 16

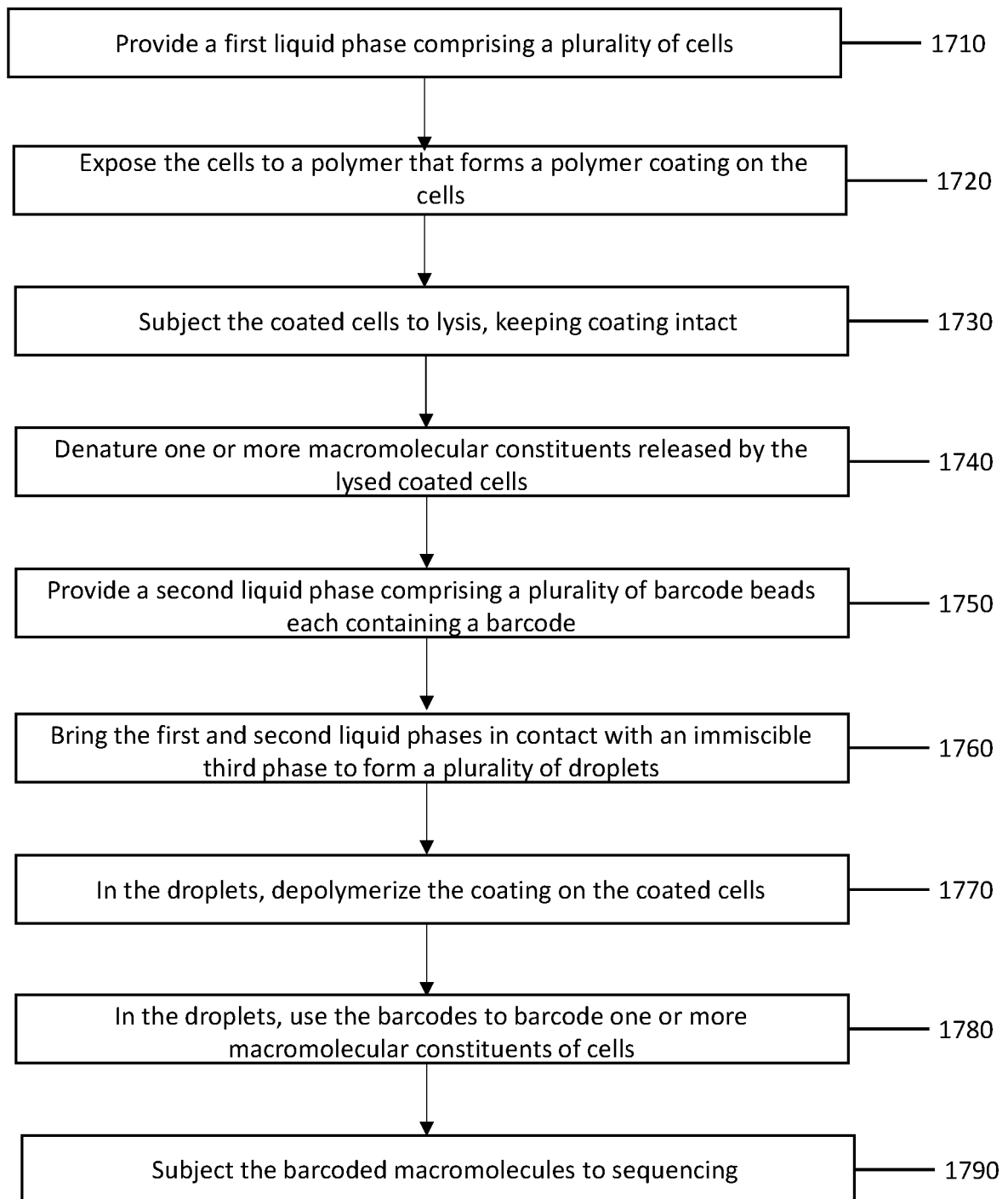
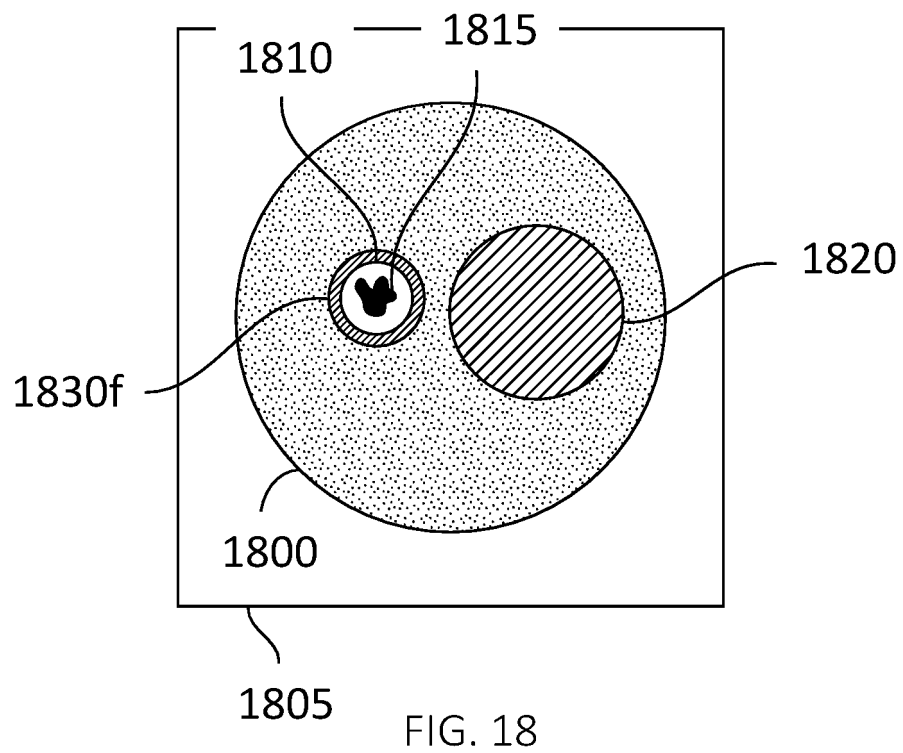
1700

FIG. 17



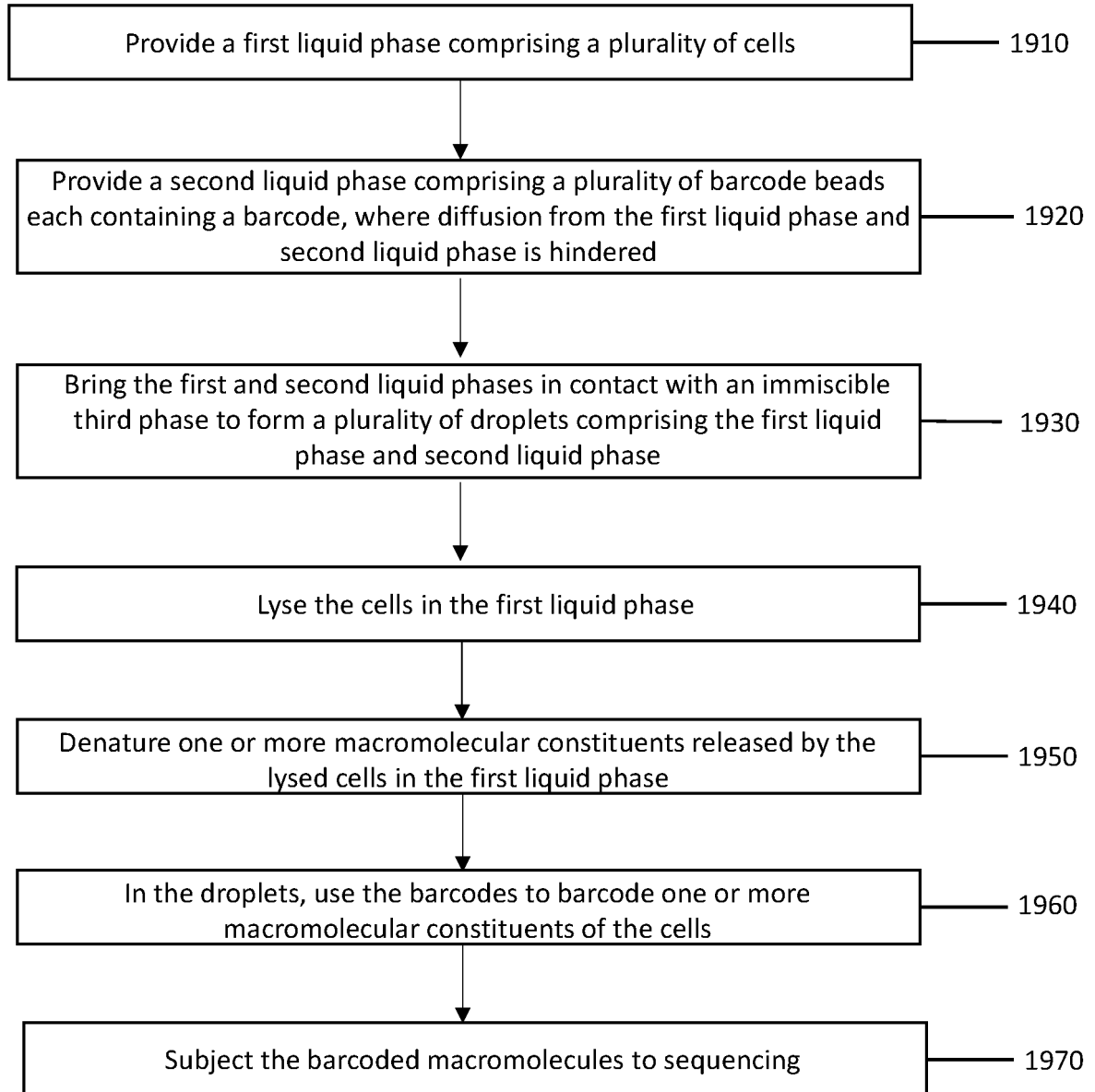
1900

FIG. 19

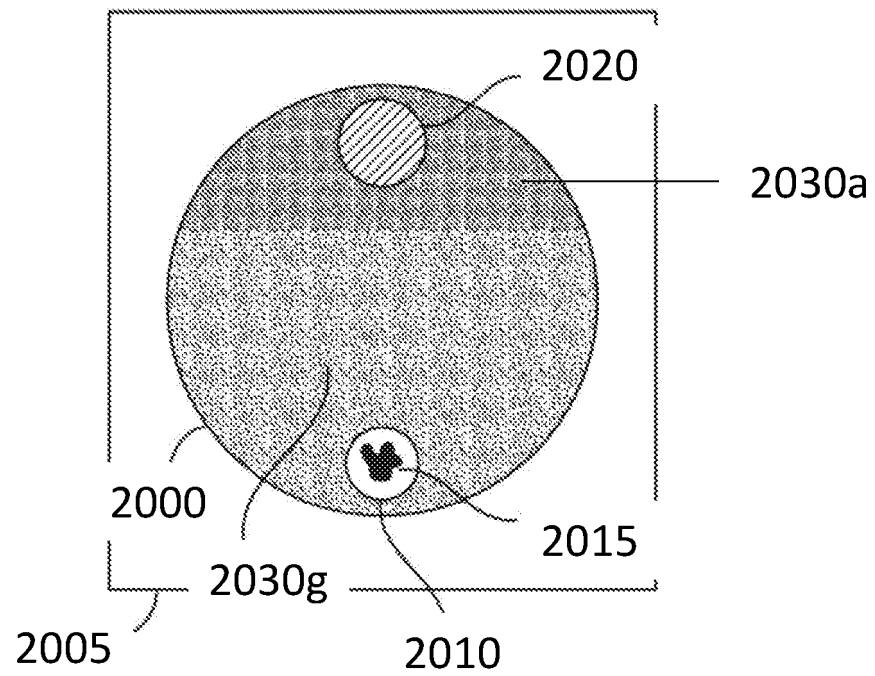


FIG. 20

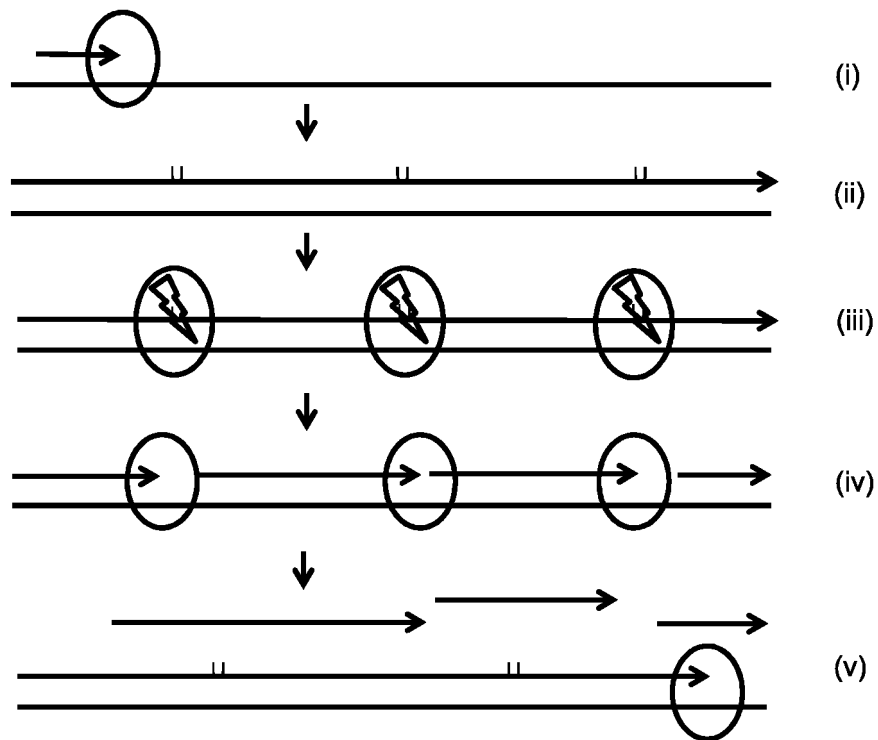


FIG. 21

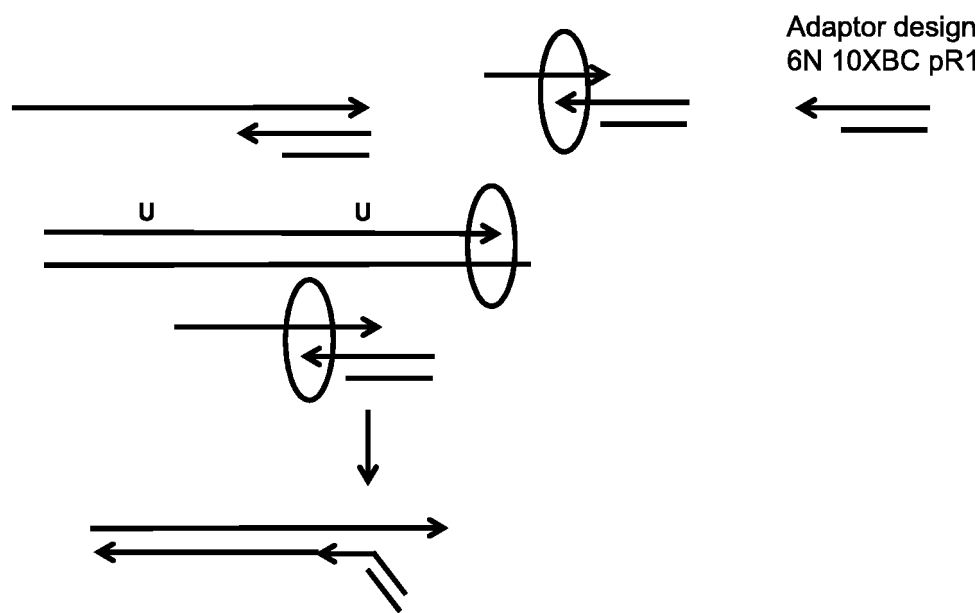


FIG. 22A

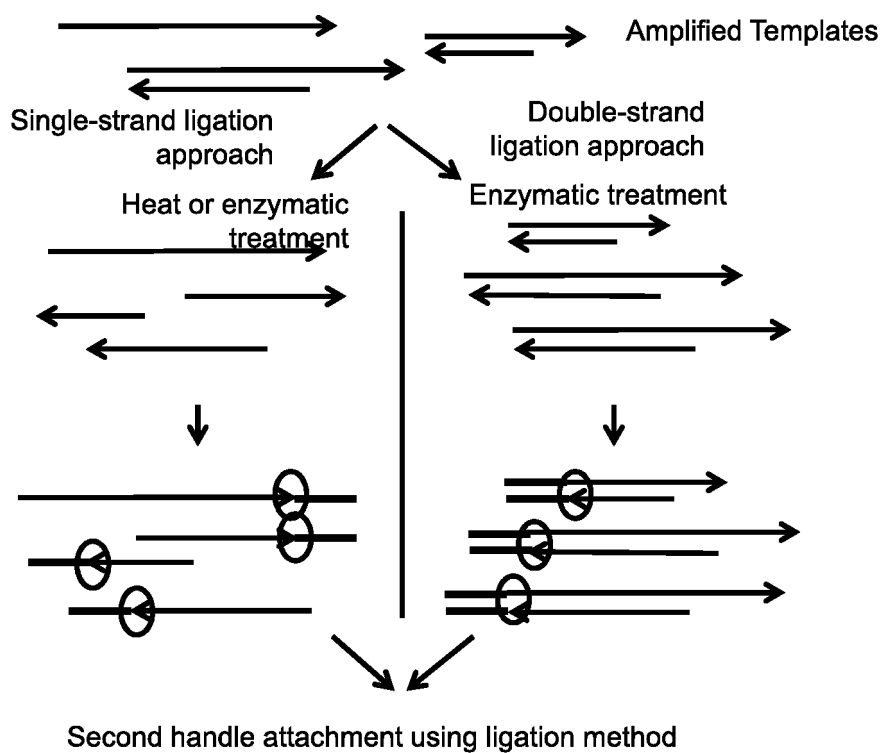


FIG. 22B

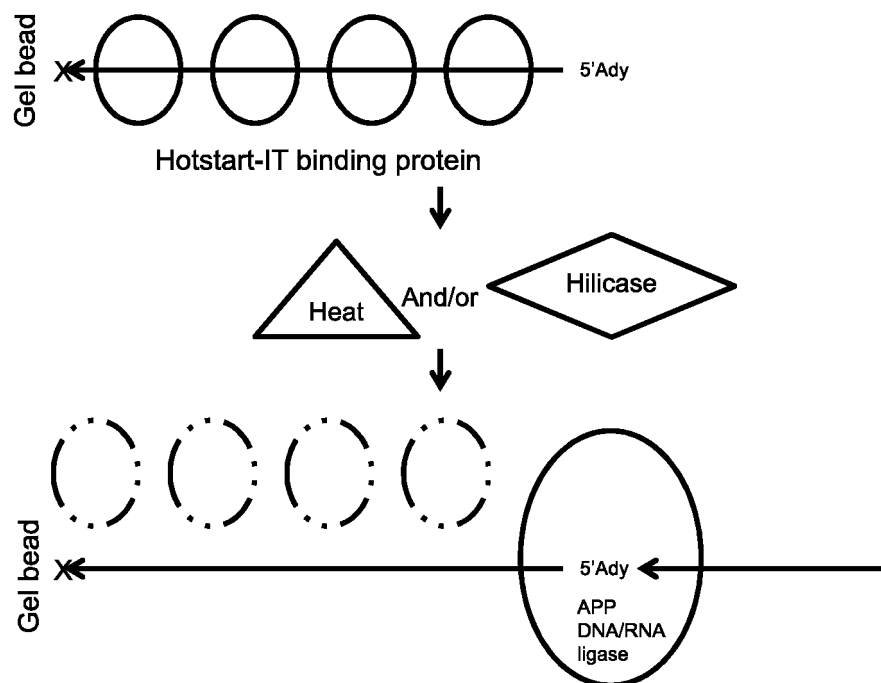


FIG. 22C

2300

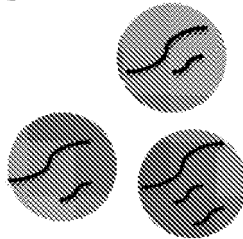
2310

Mixture of long and
short DNA segments



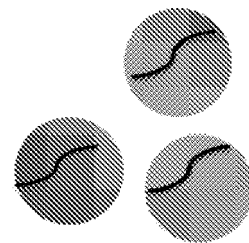
2320

Load short and long DNA
segments into cell beads



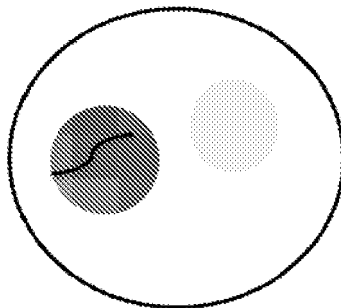
2330

Short DNA segments wash out,
leaving only long DNA



2340

Formation of droplets



2350

Nucleic acid sequencing



FIG. 23

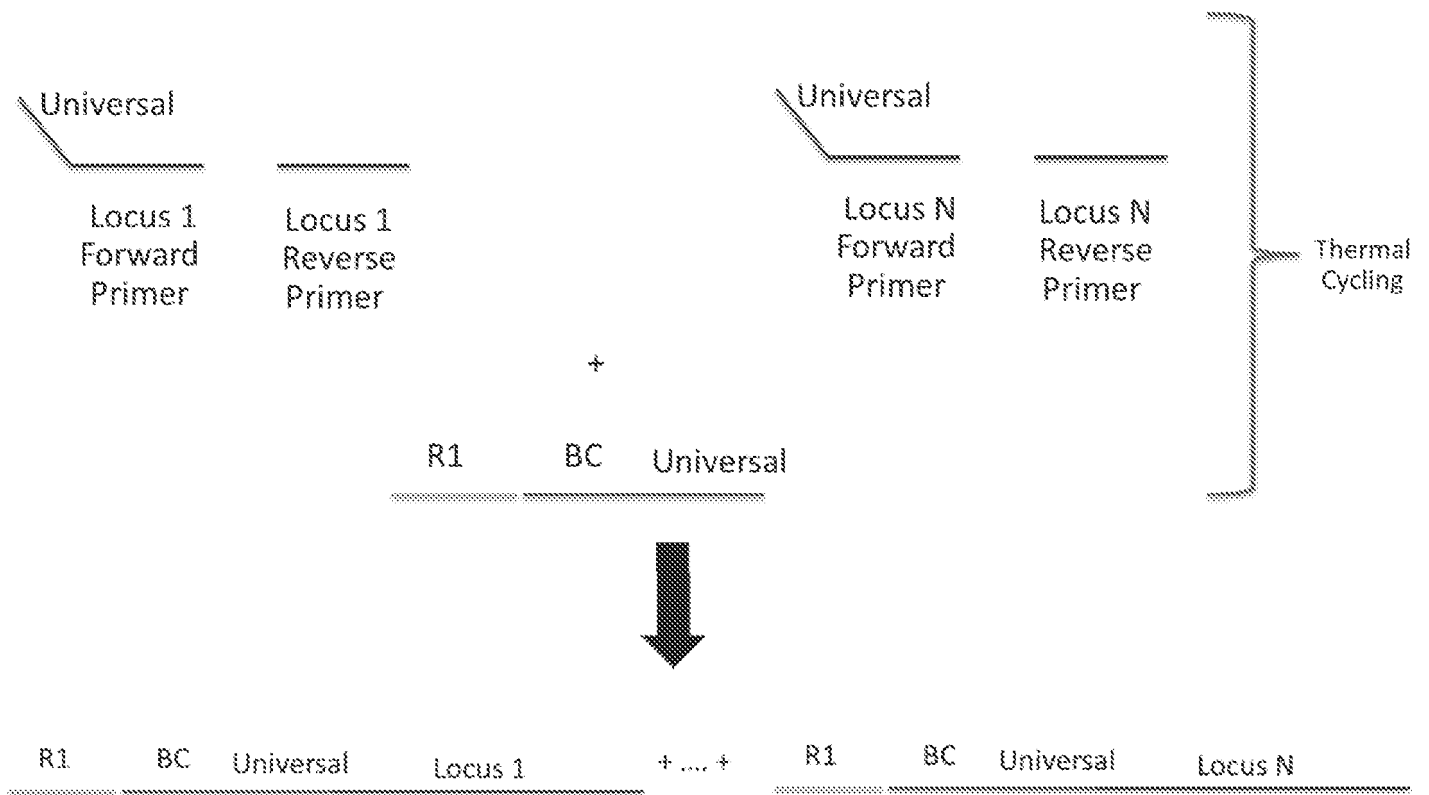


FIG. 24

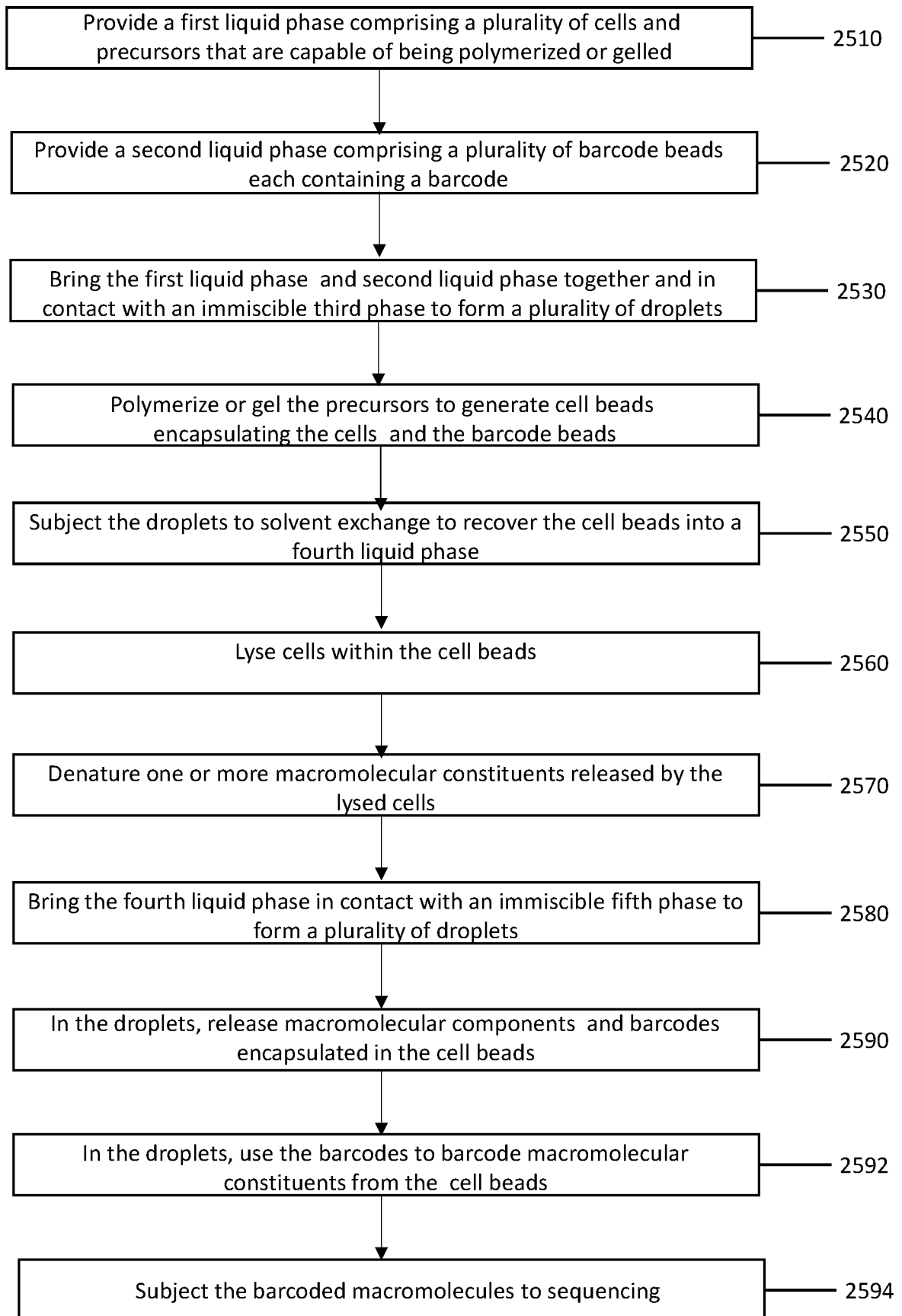
2500

FIG. 25

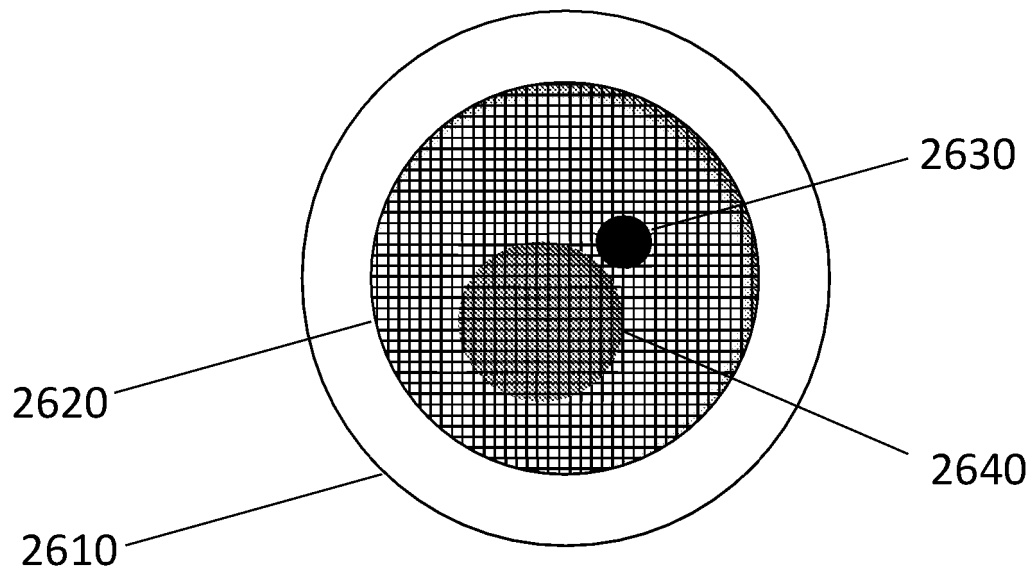


FIG. 26A

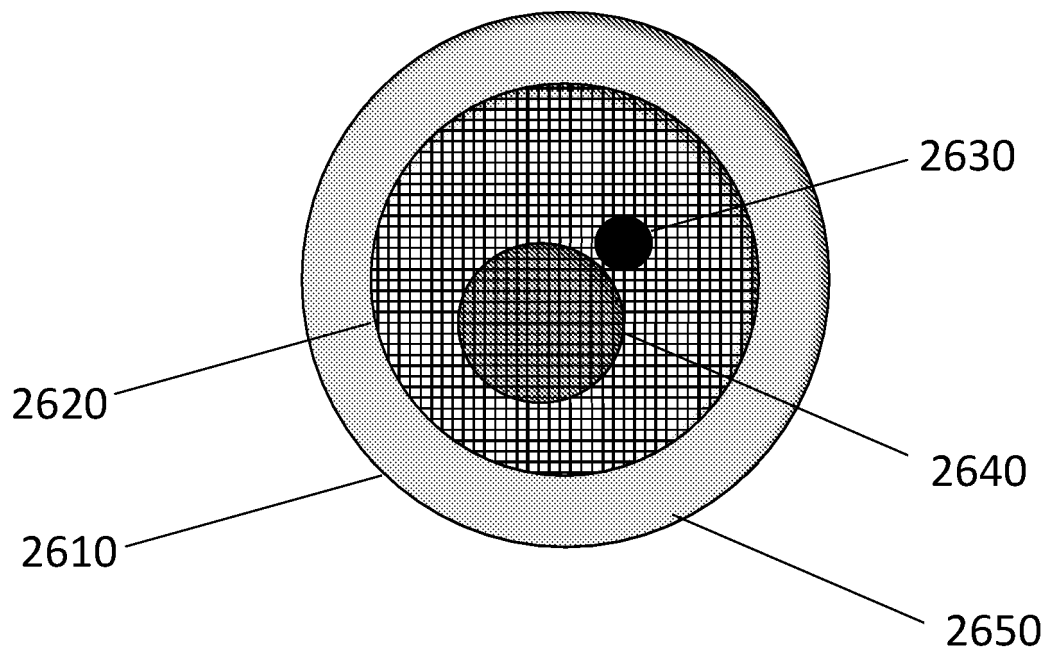


FIG. 26B

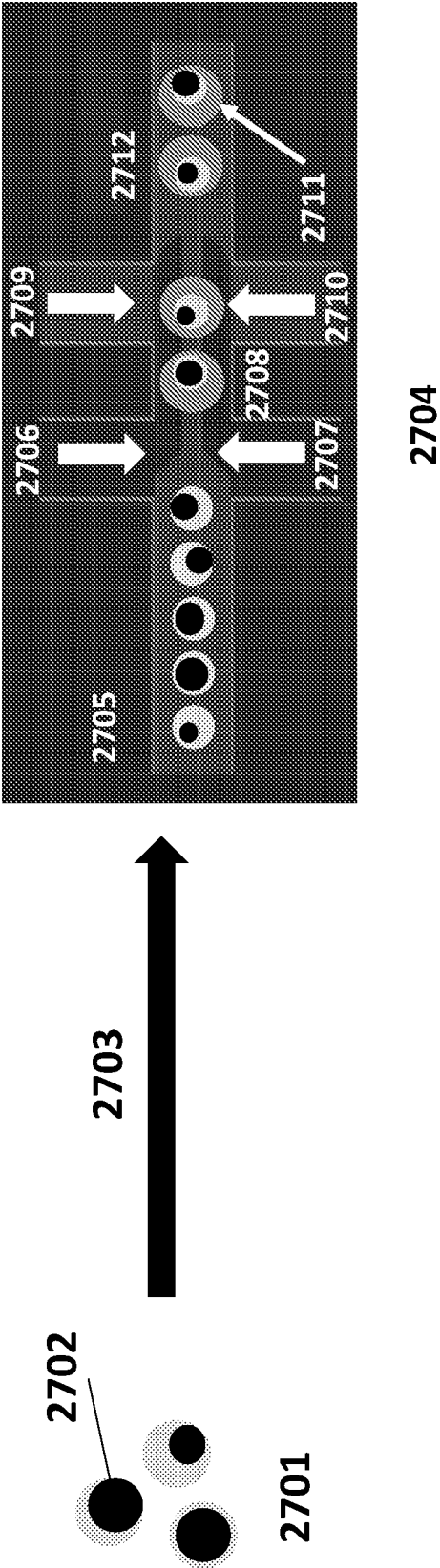
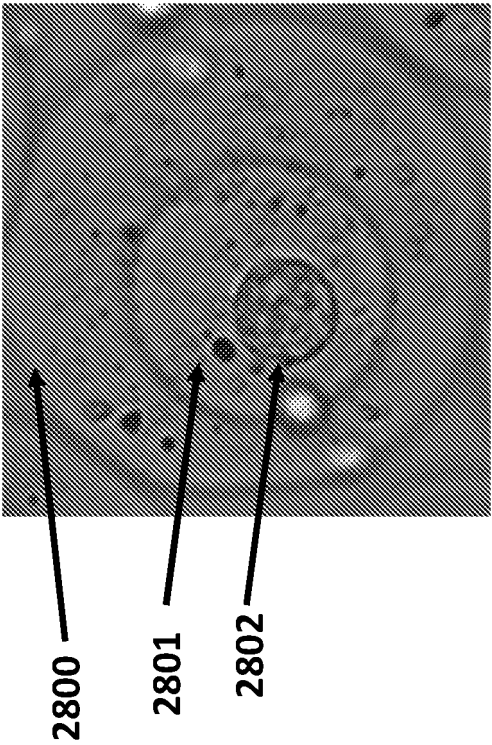
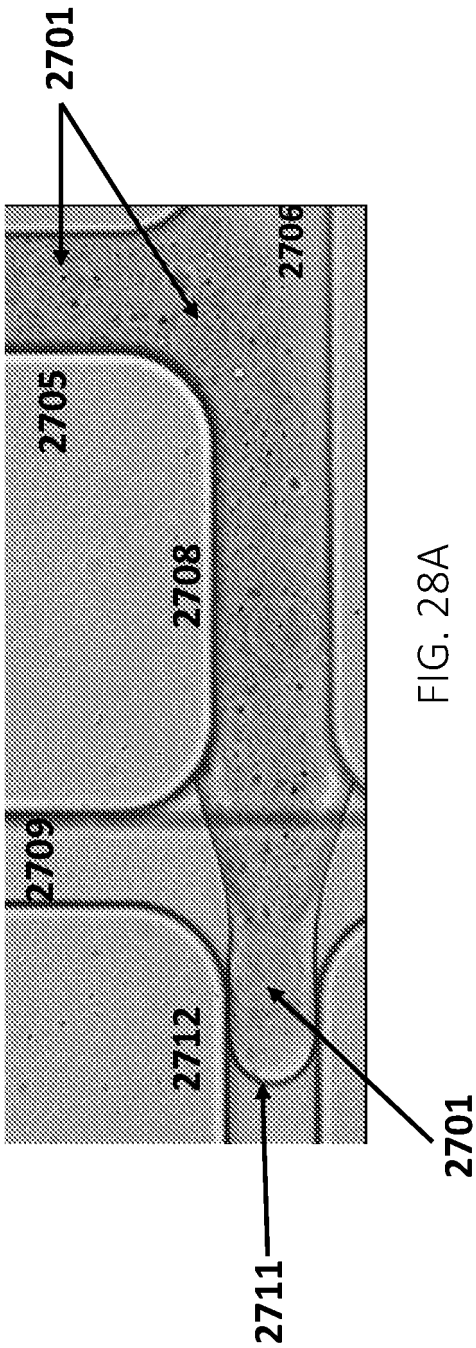


FIG. 27



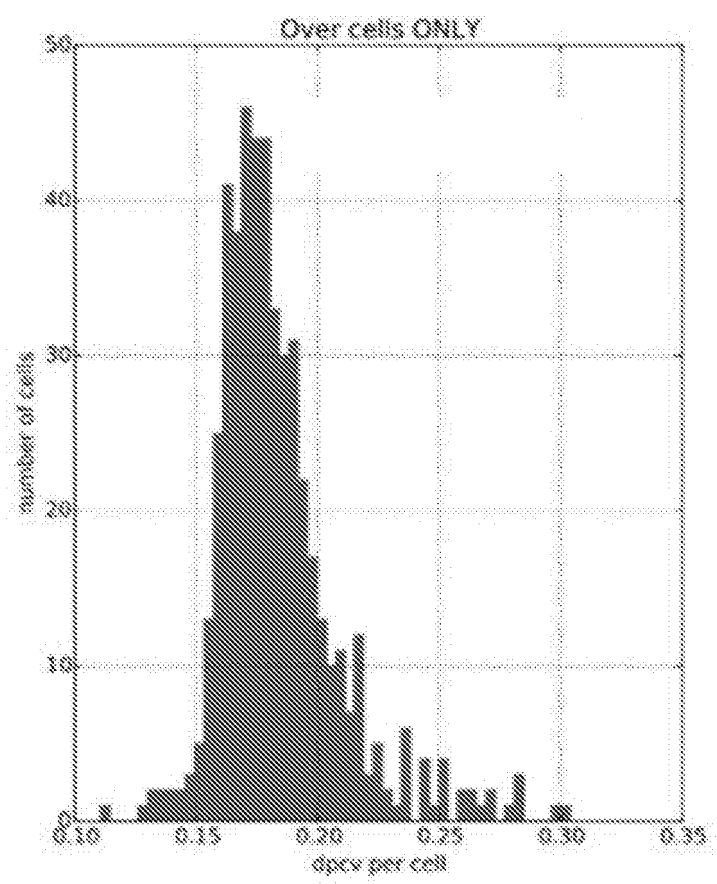


FIG. 29

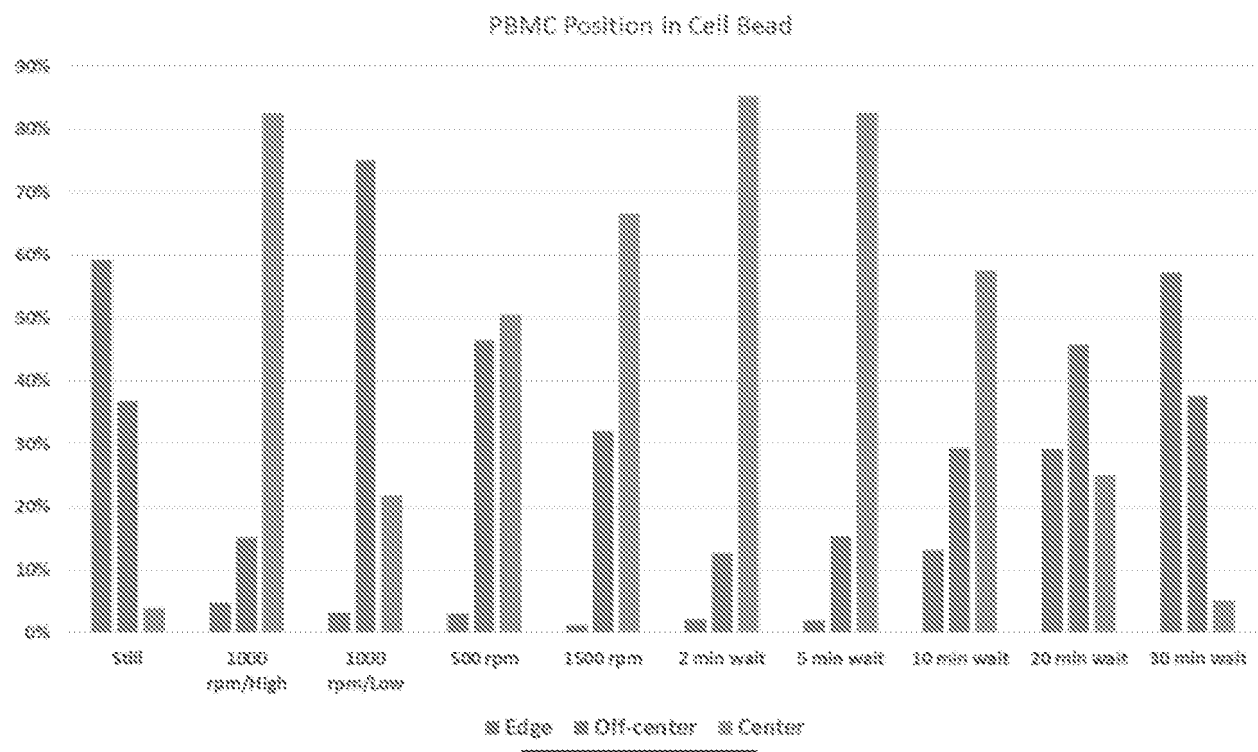


FIG. 30

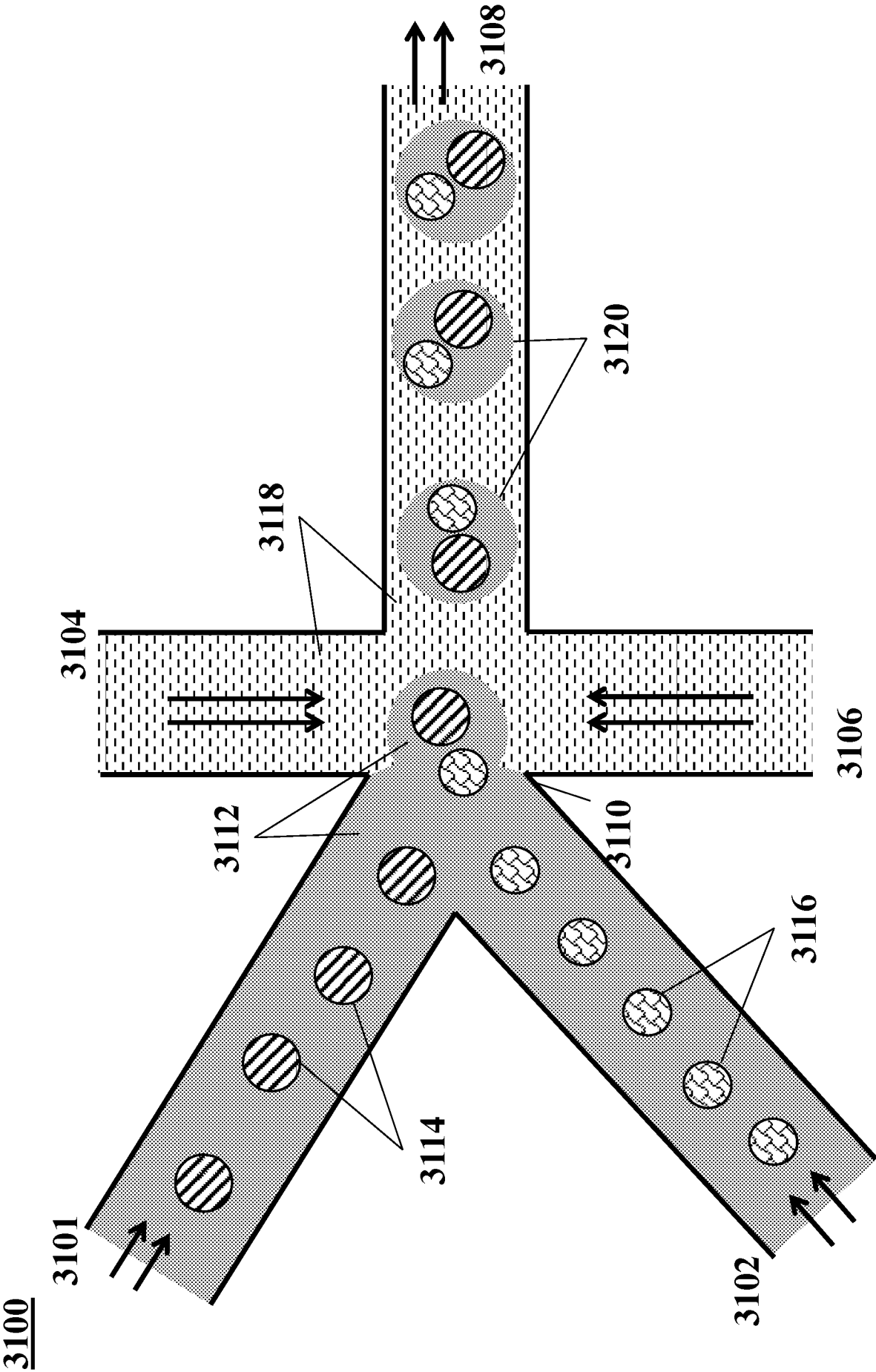


FIG. 31