

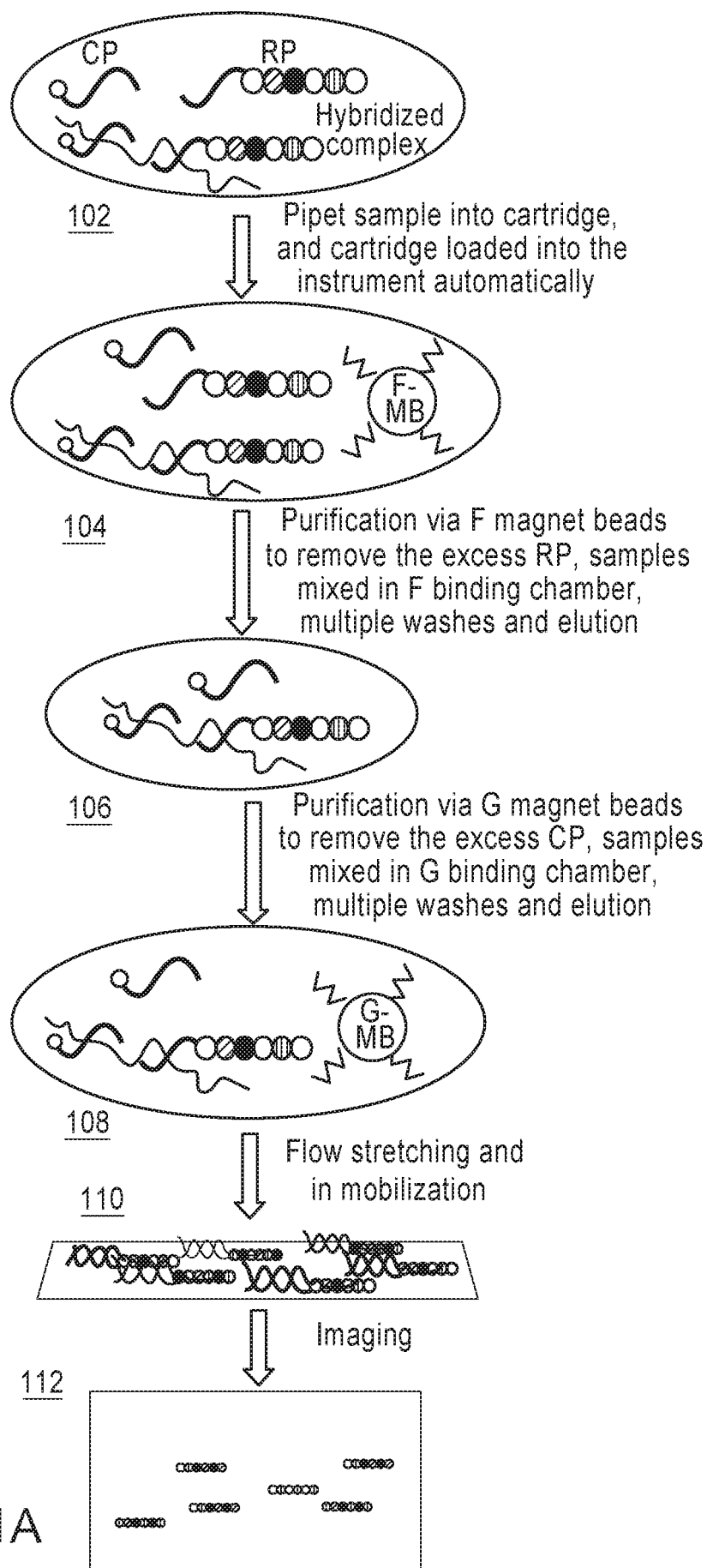


FIGURE 1A

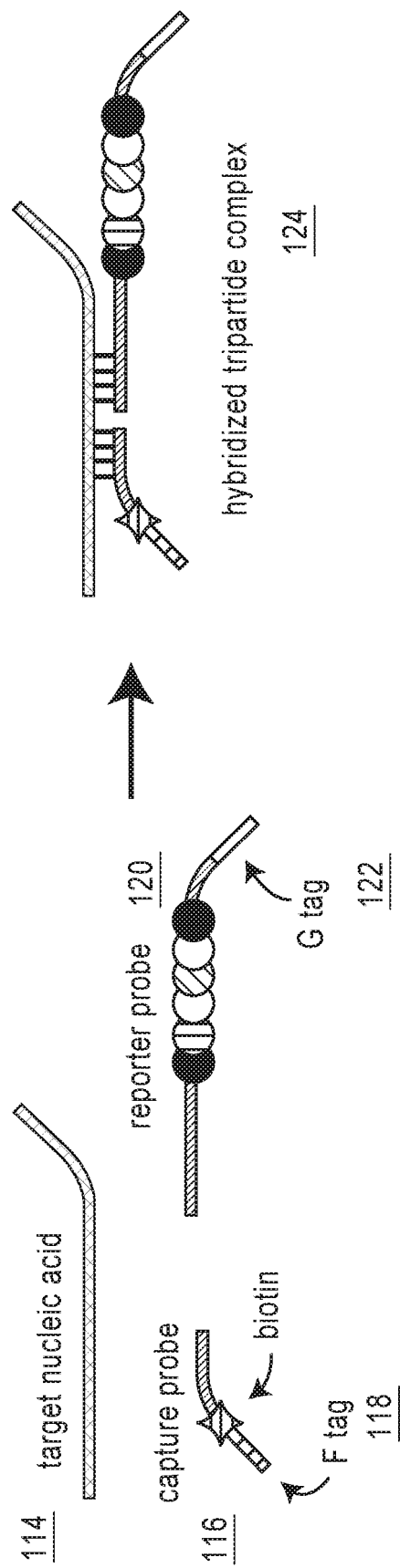


FIGURE 1B

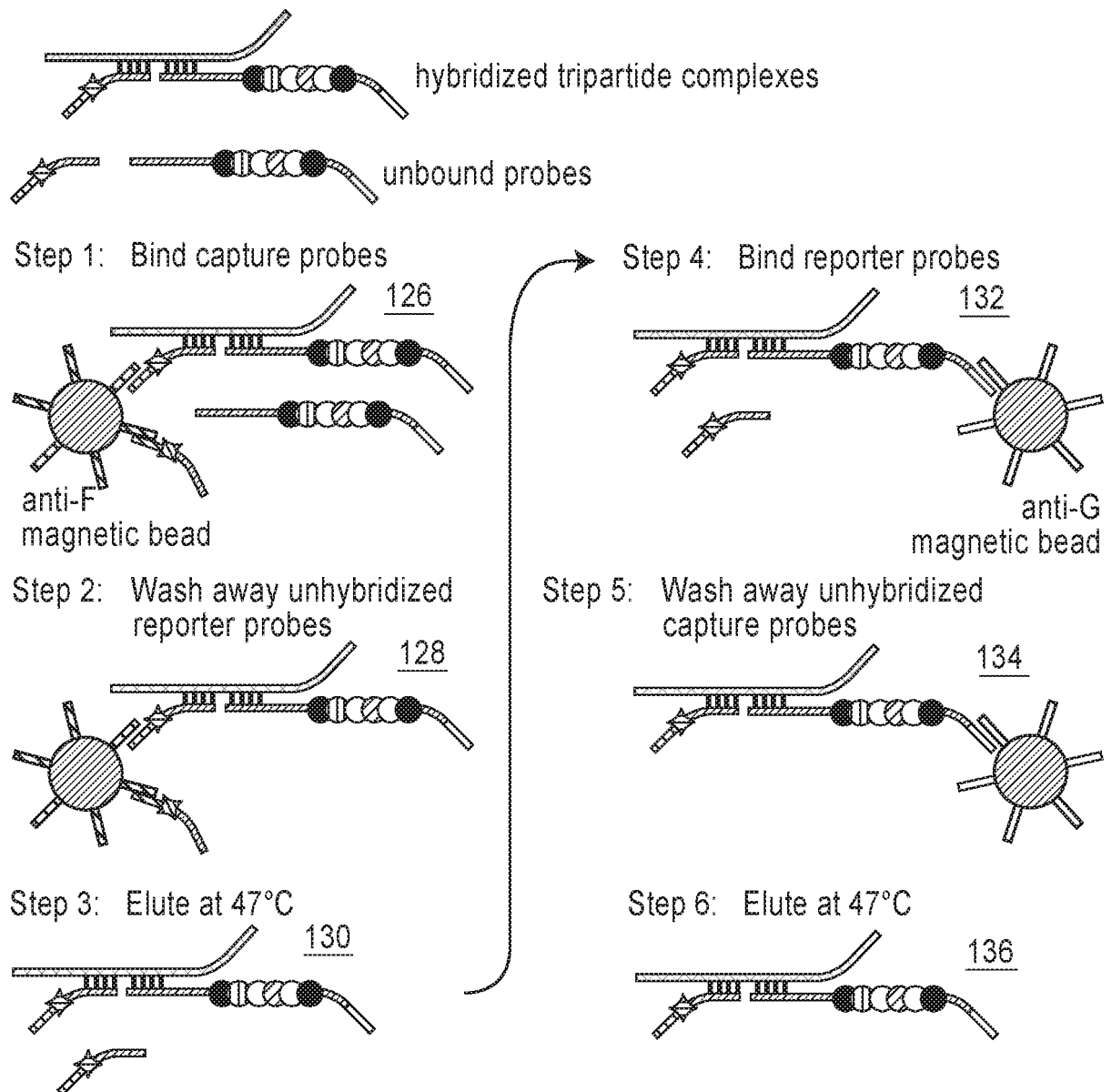


FIGURE 1C

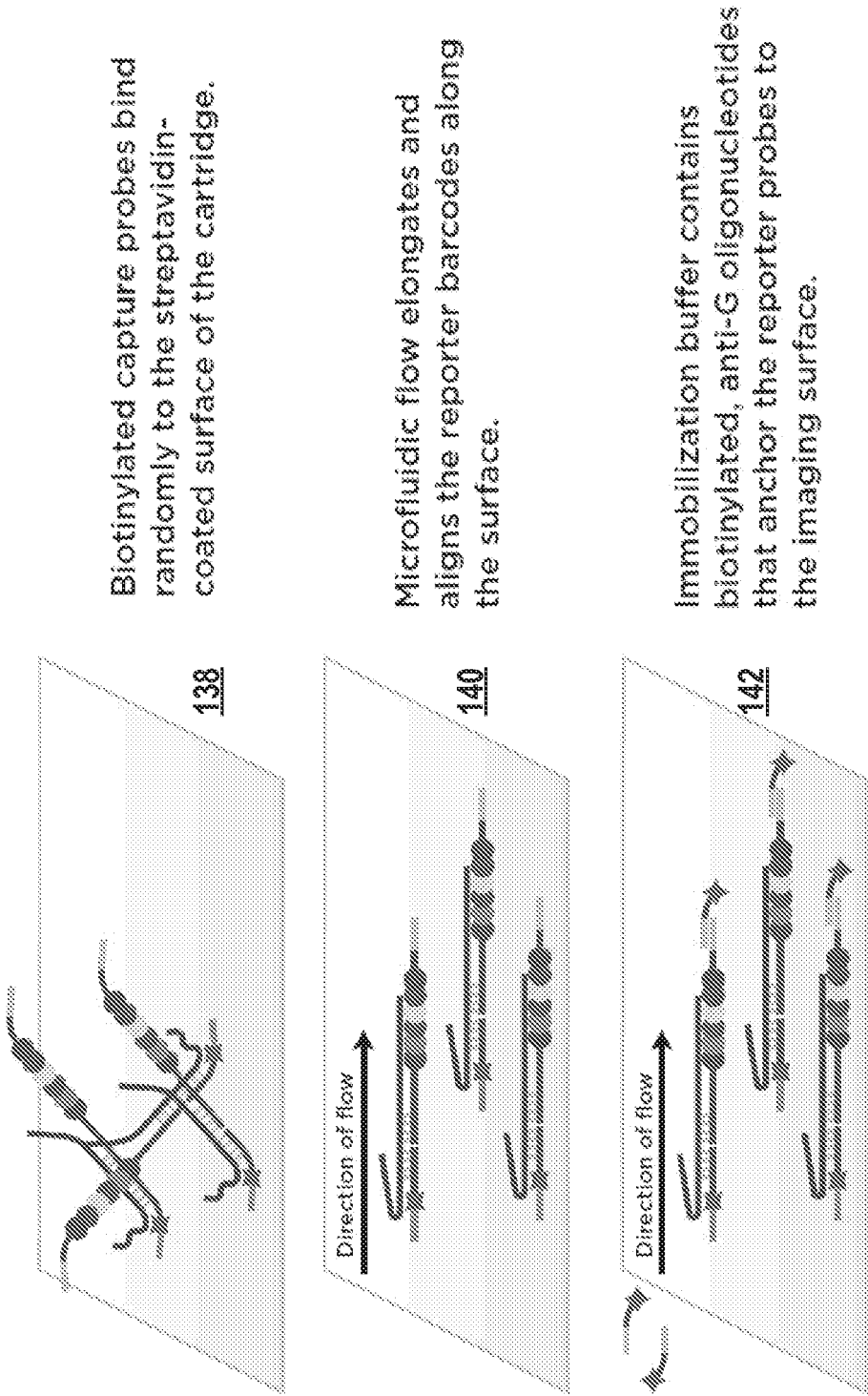


FIGURE 1D

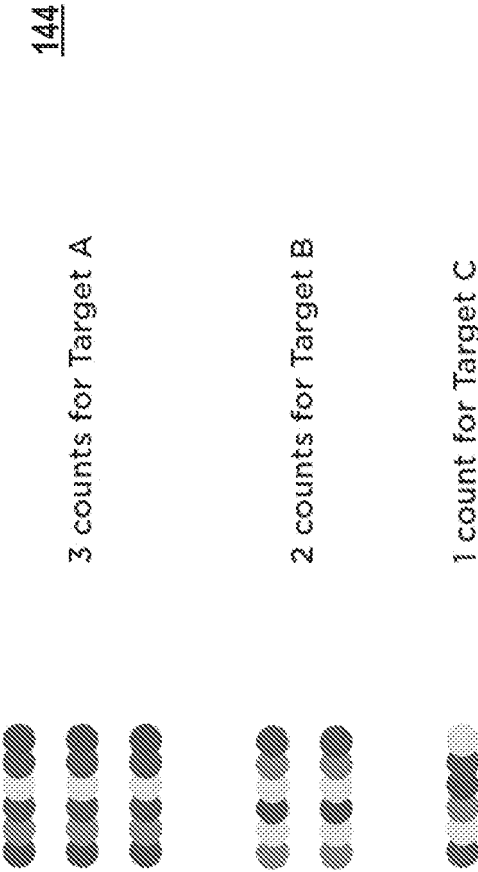


FIGURE 1E

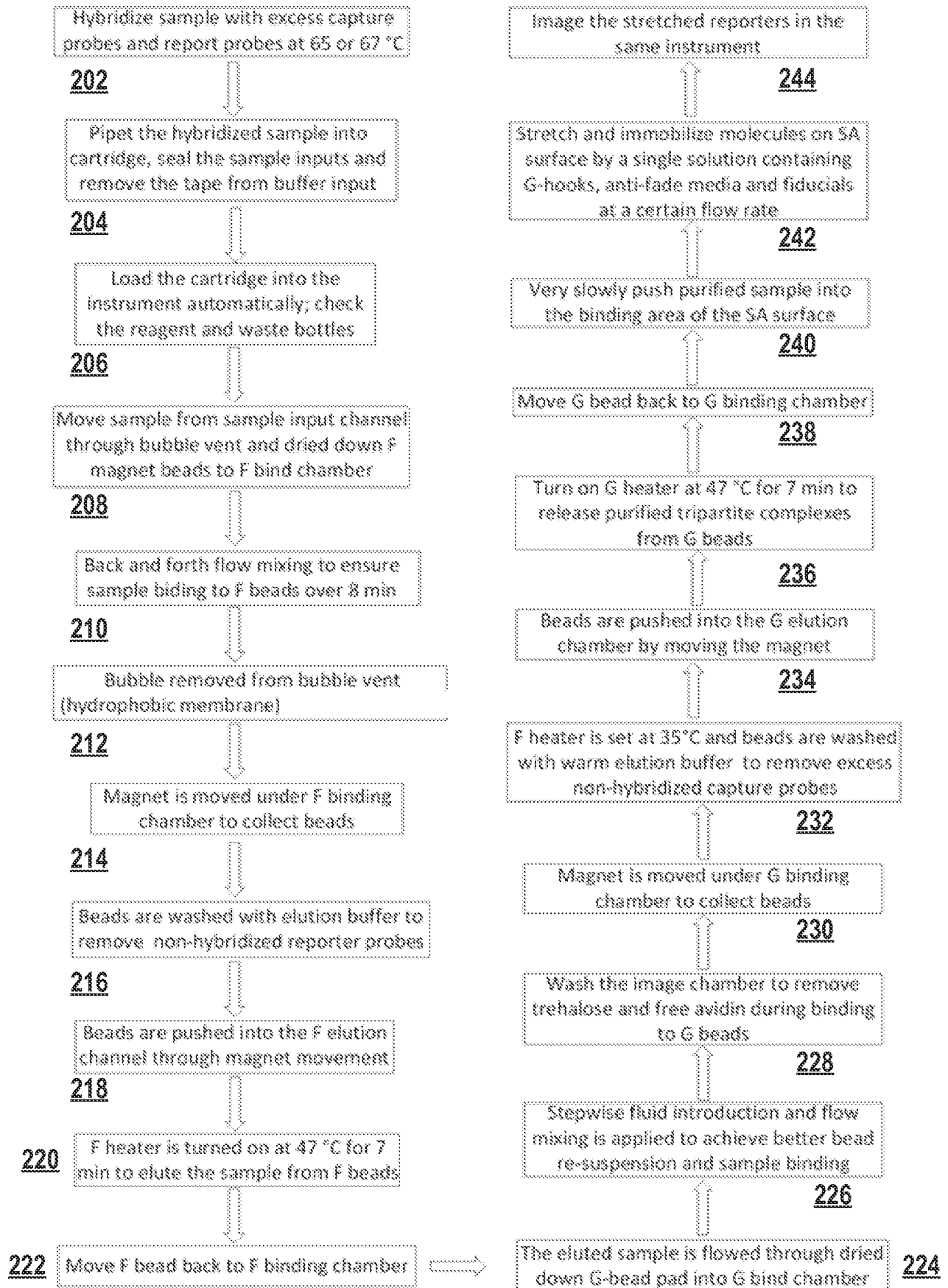


FIGURE 2

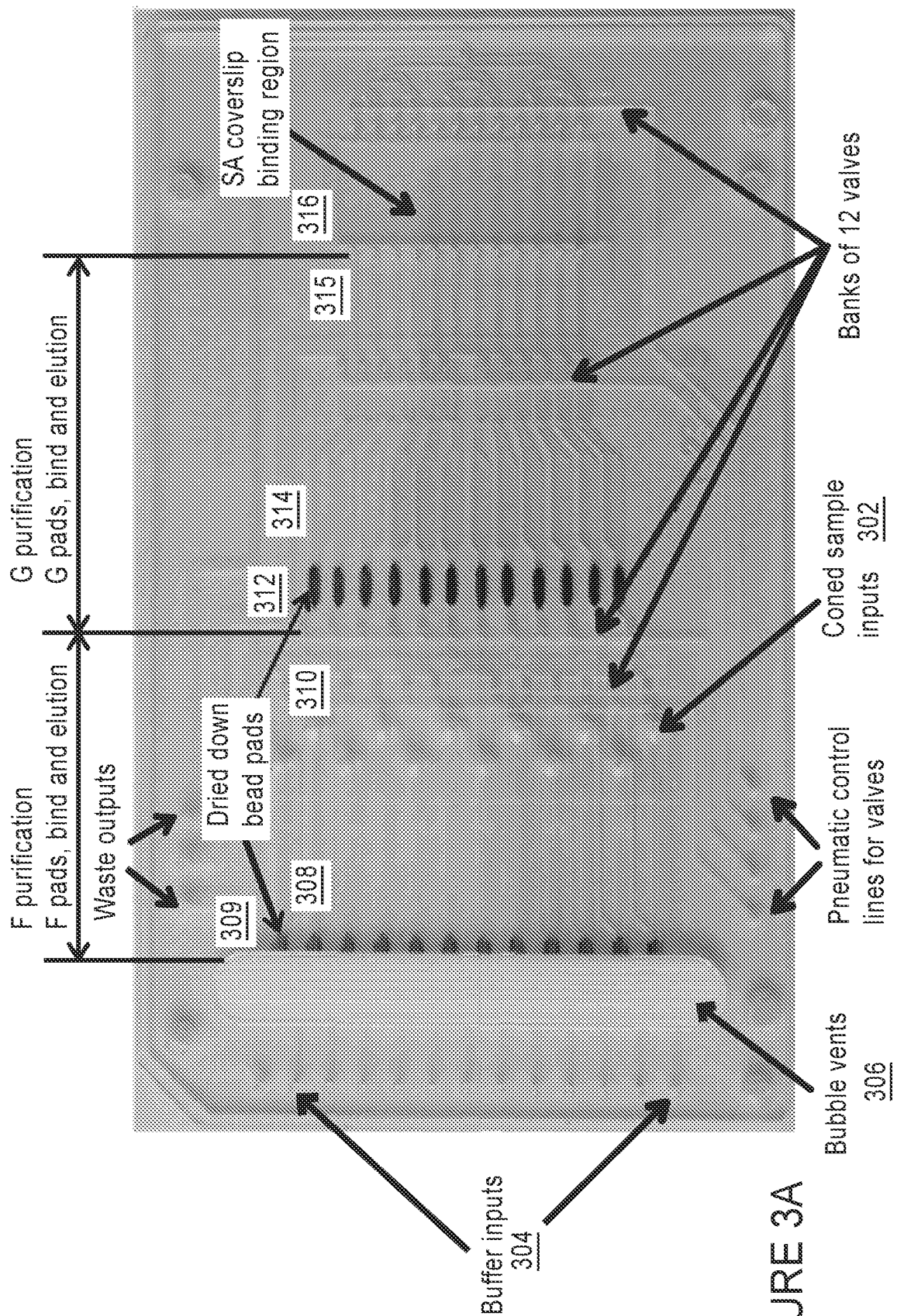


FIGURE 3A

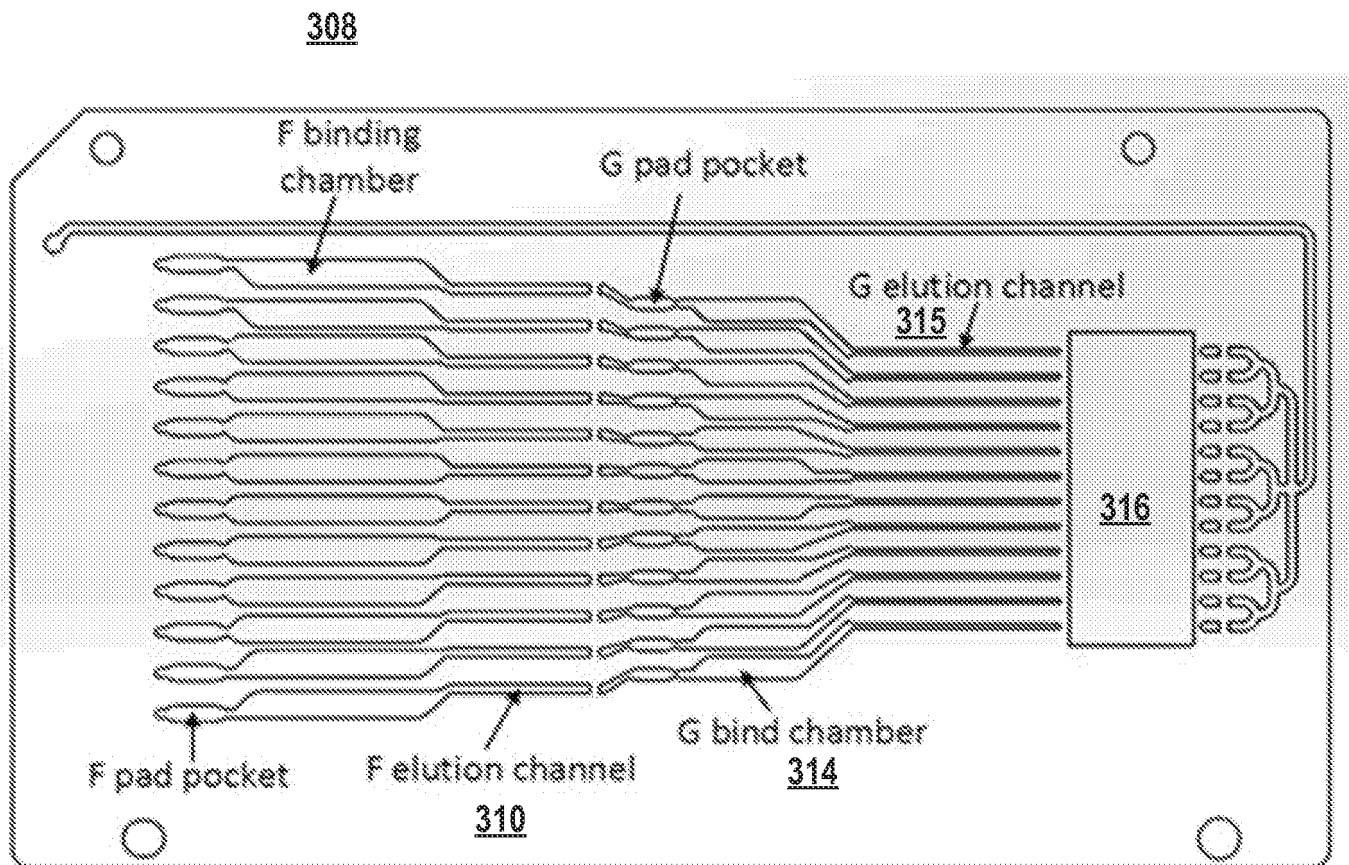


FIGURE 3B

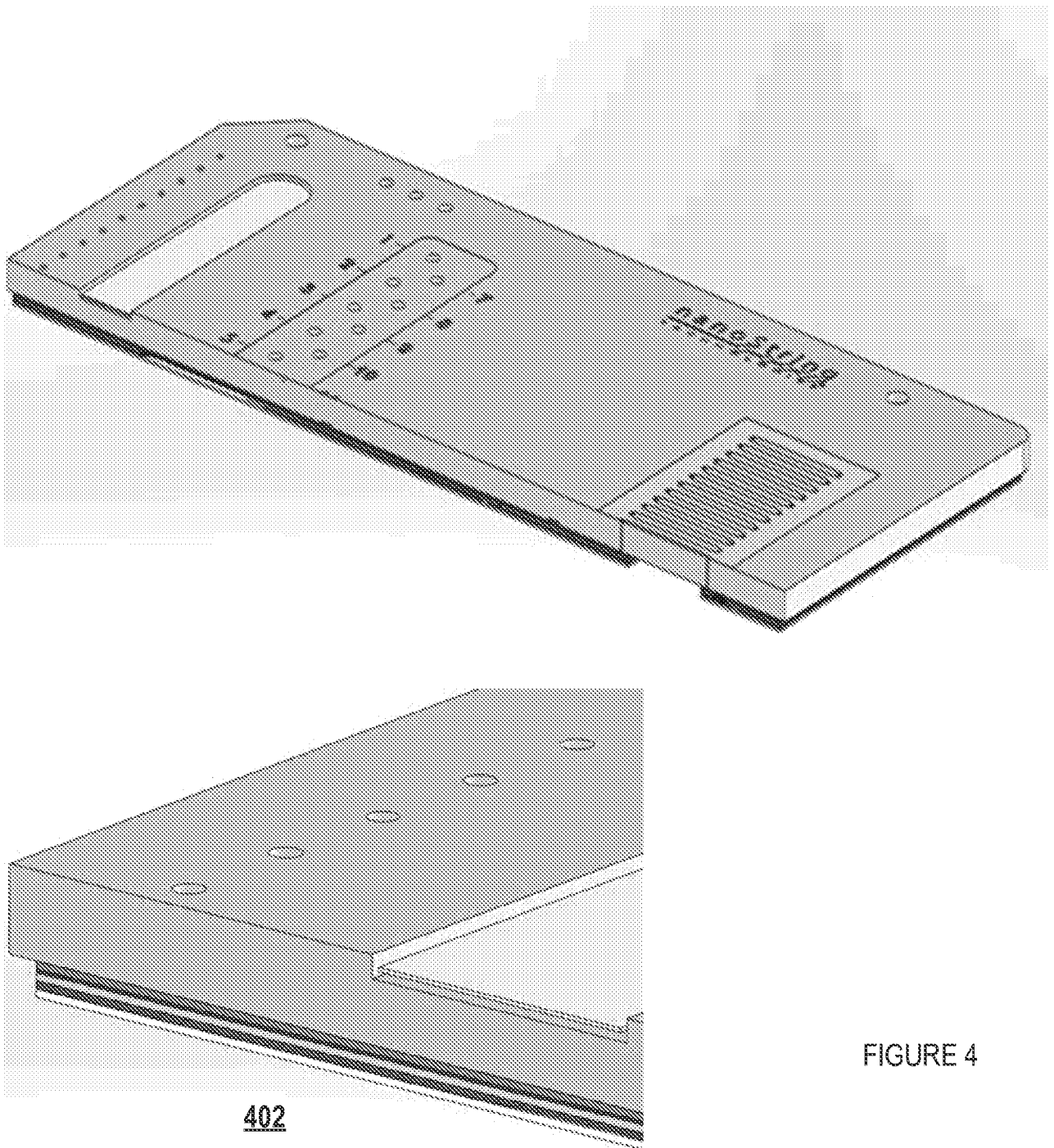


FIGURE 4

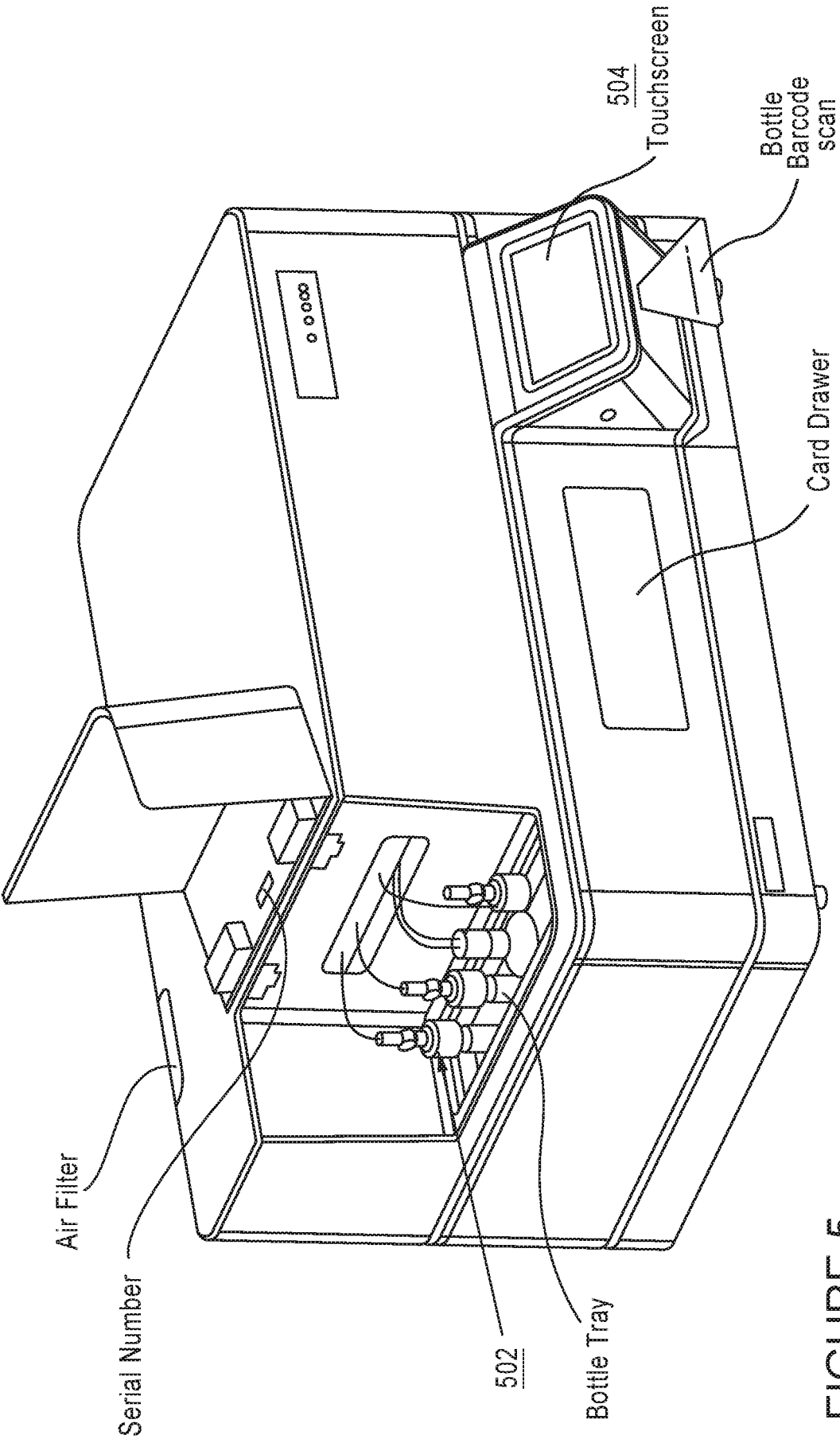


FIGURE 5

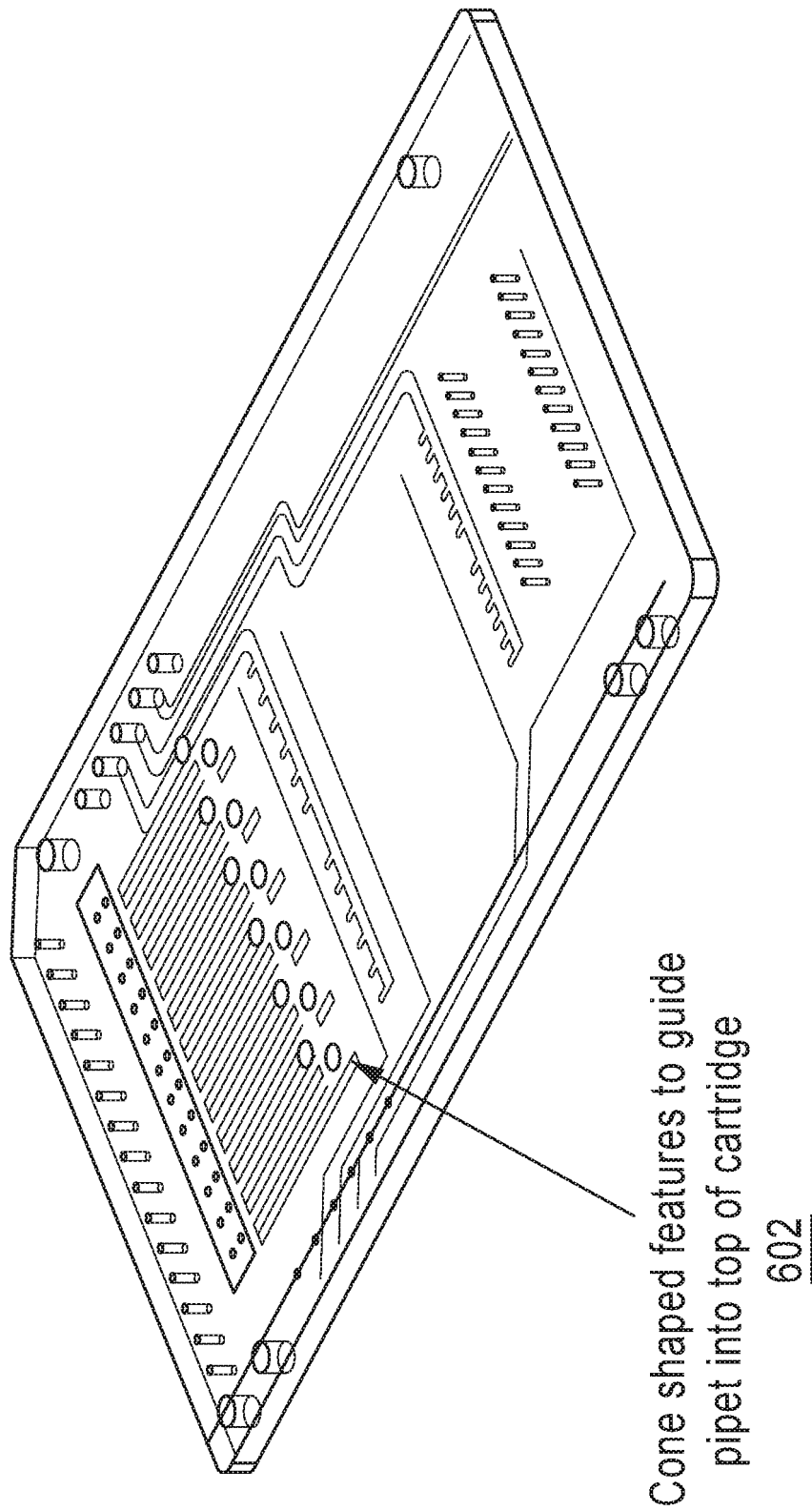
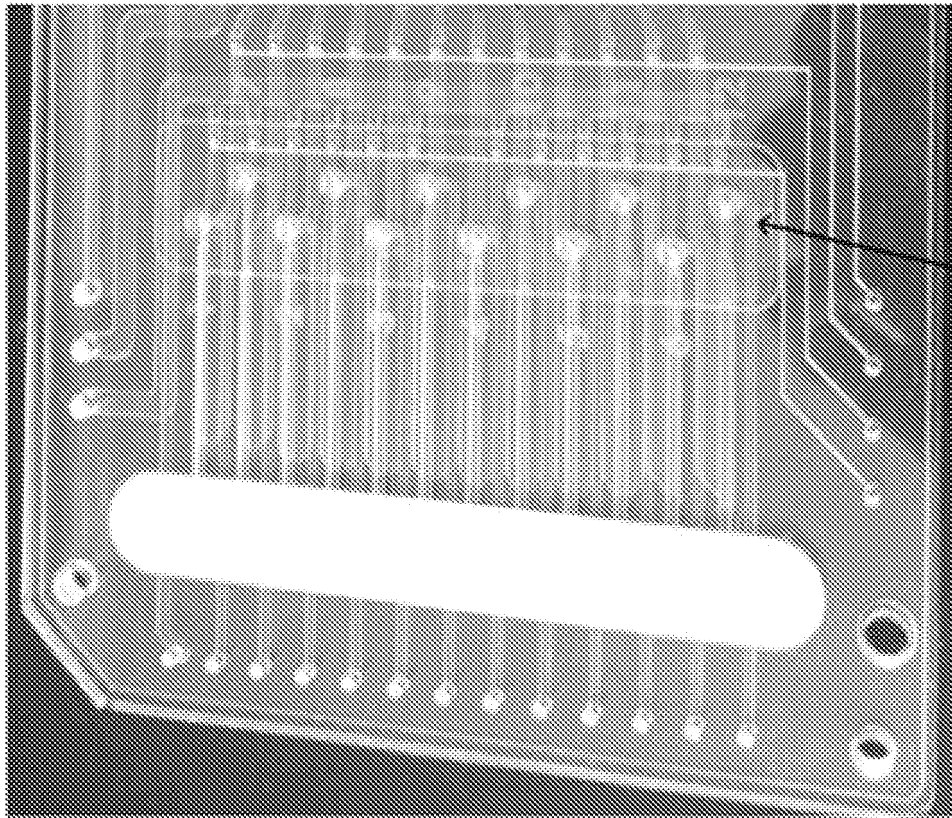
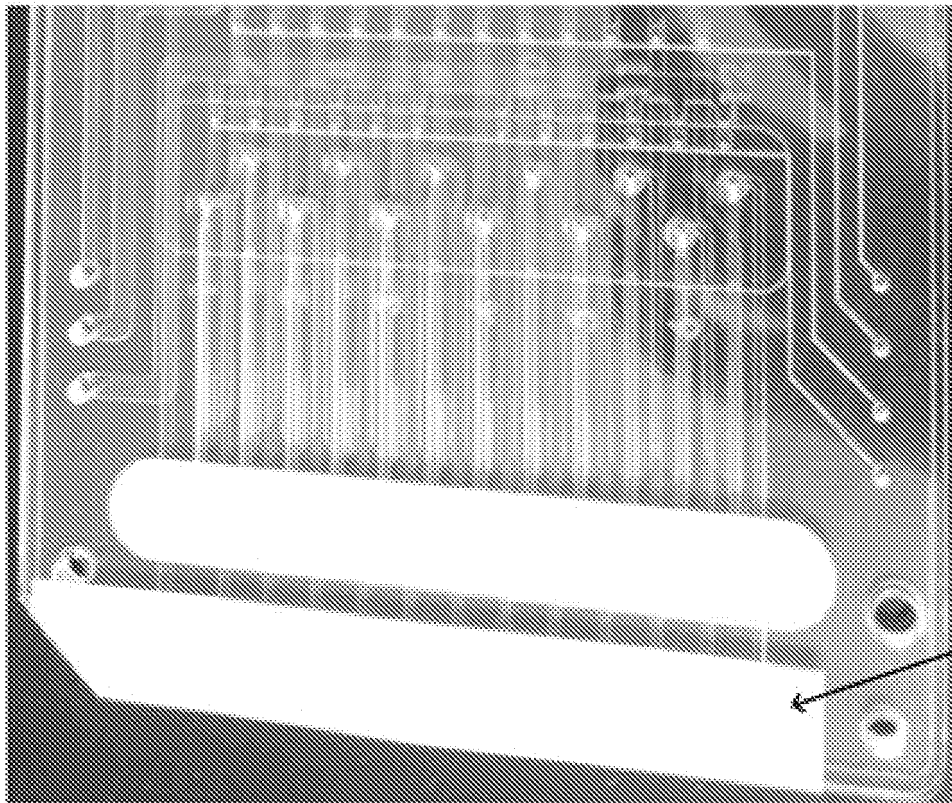


FIGURE 6A



Clear tape on sample inputs

604



Tape on buffer ports

606

FIGURE 6B

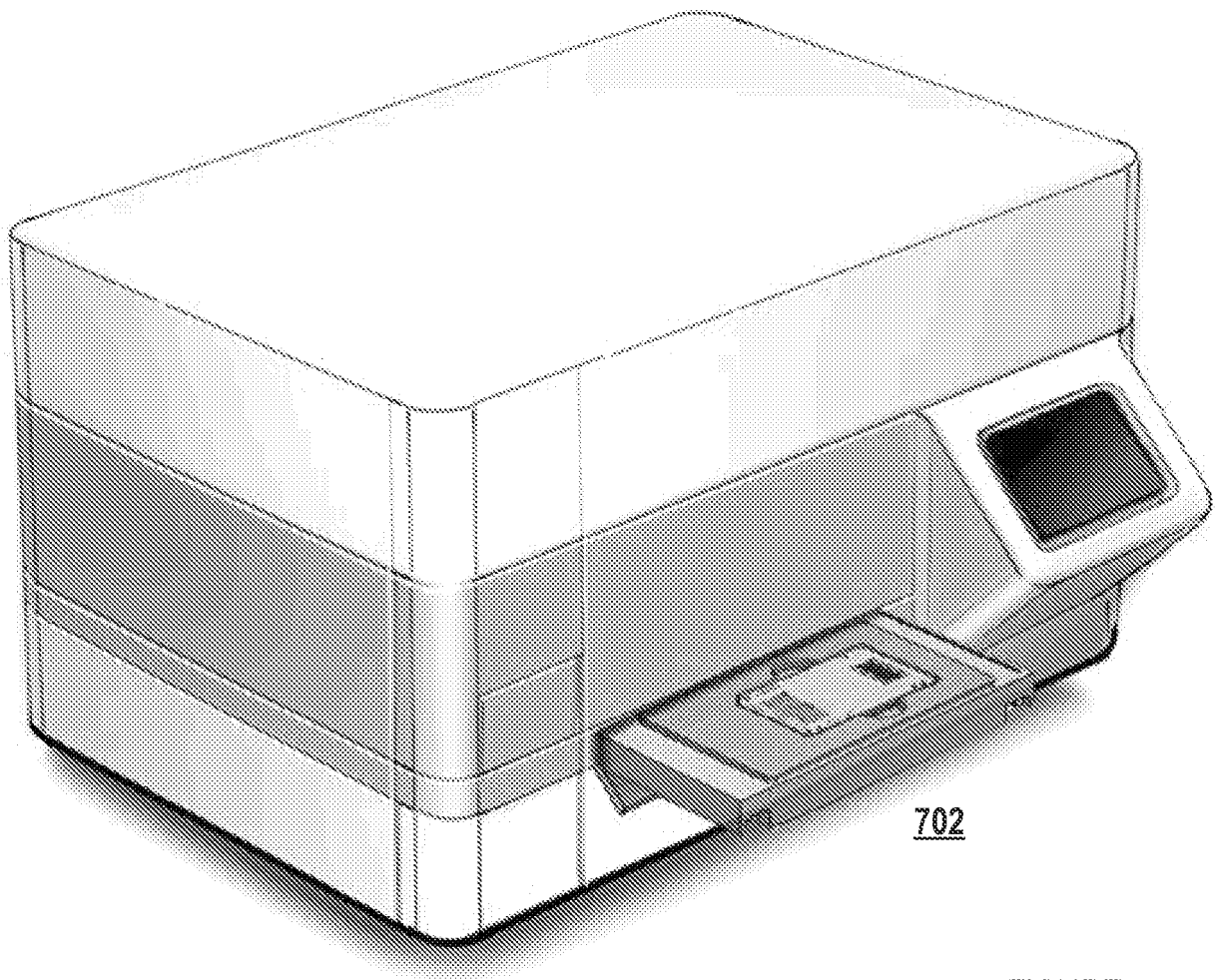


FIGURE 7

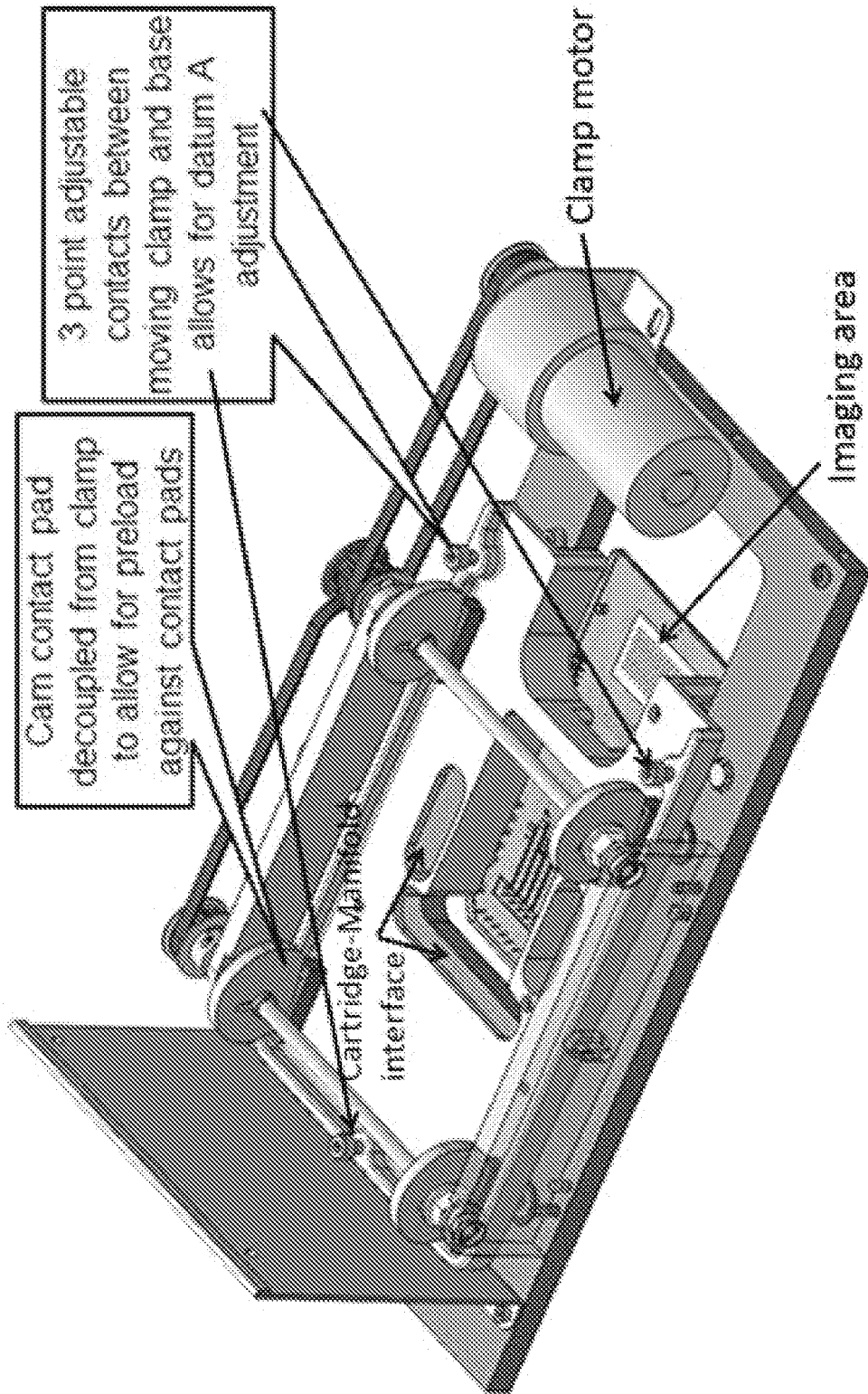


FIGURE 8

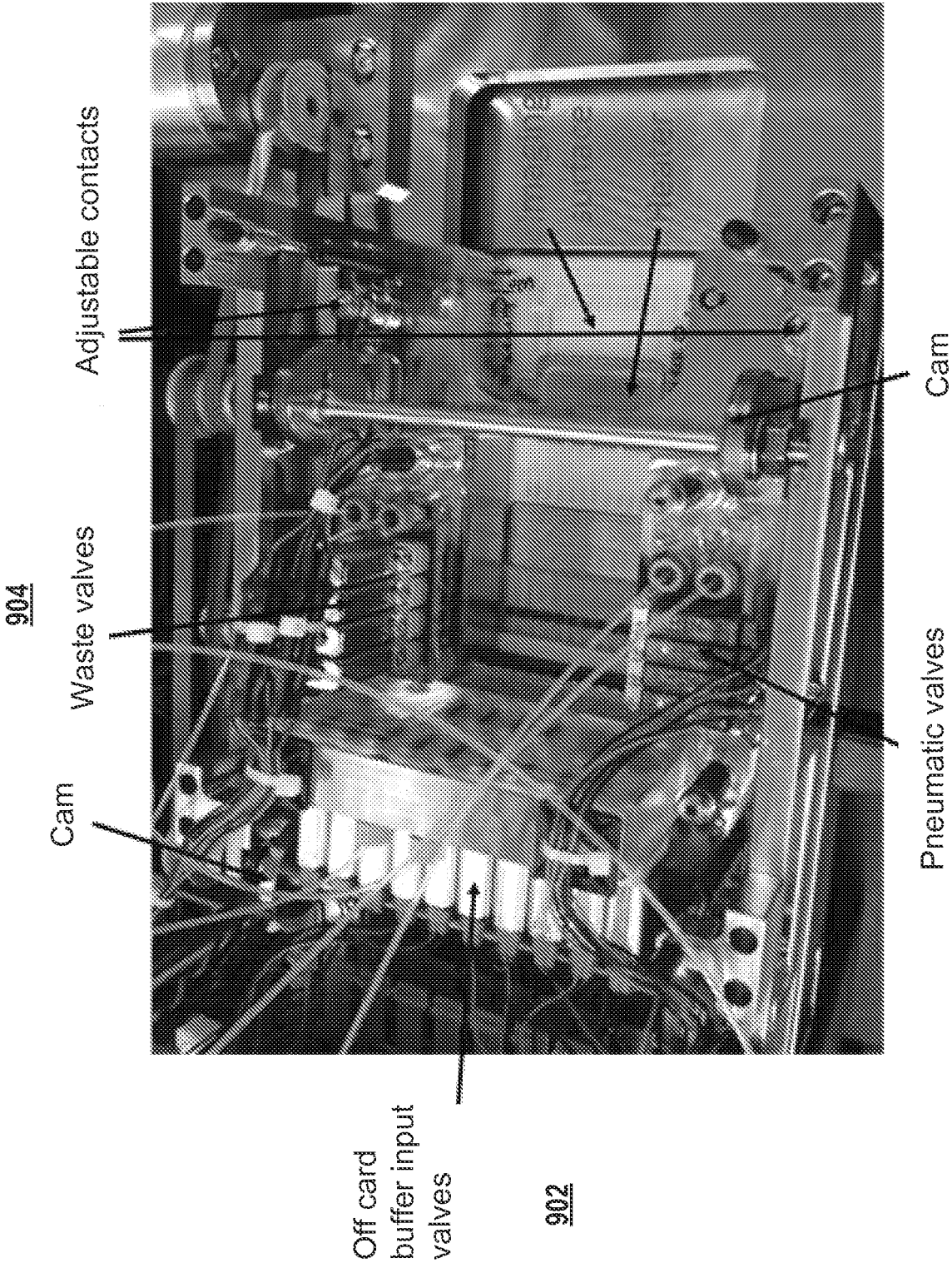


FIGURE 9A

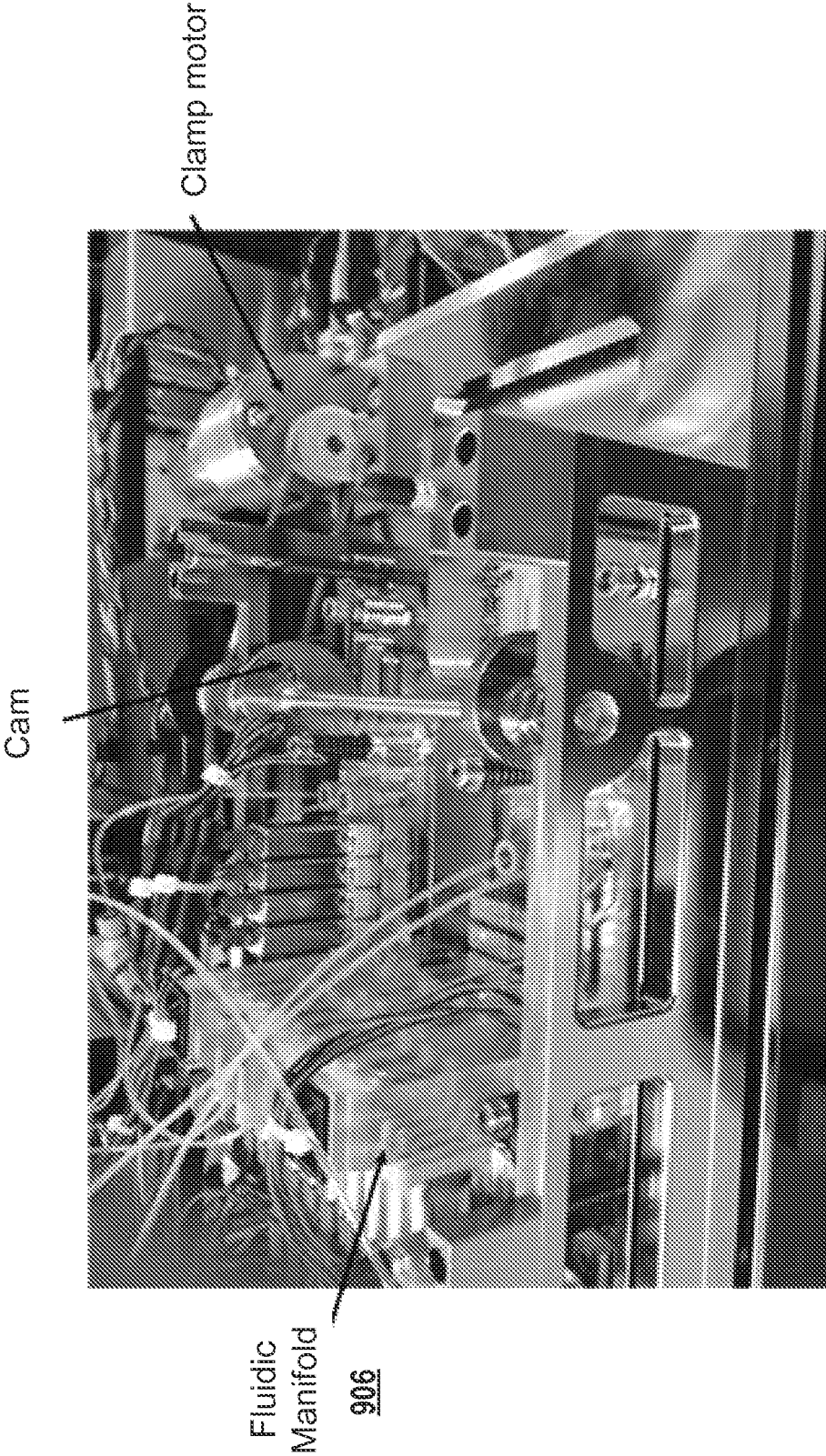


FIGURE 9B

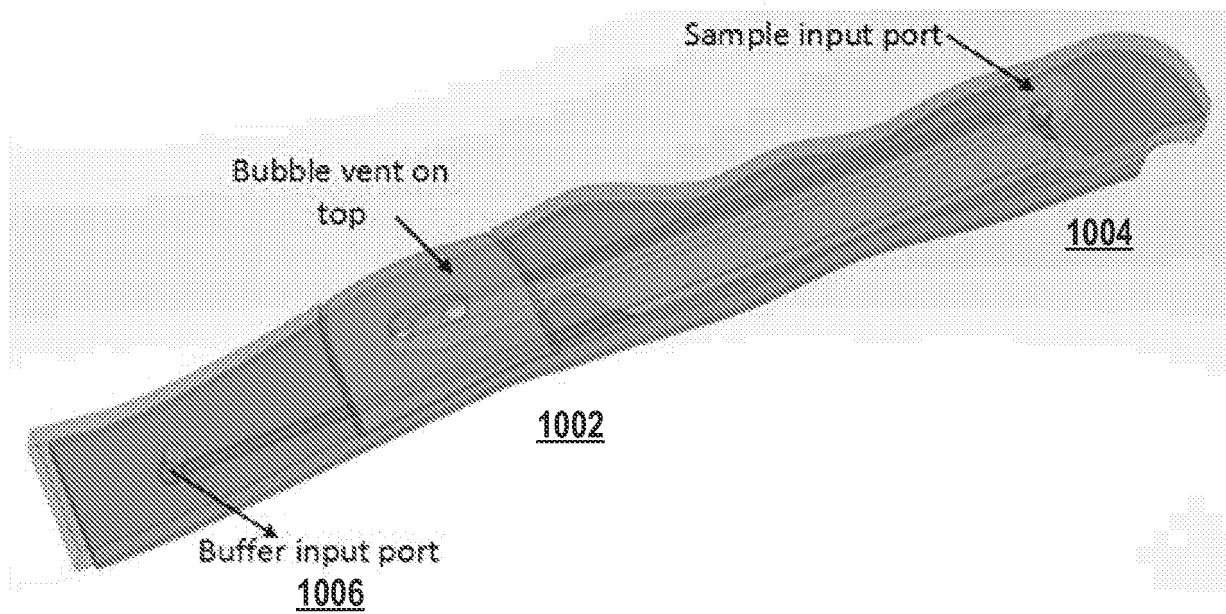


FIGURE 10

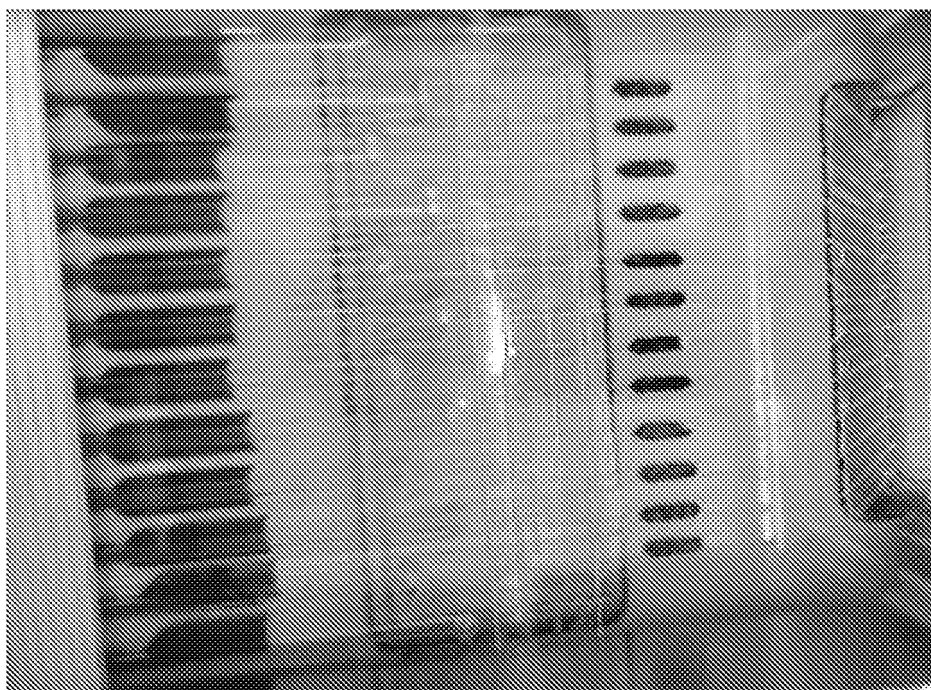
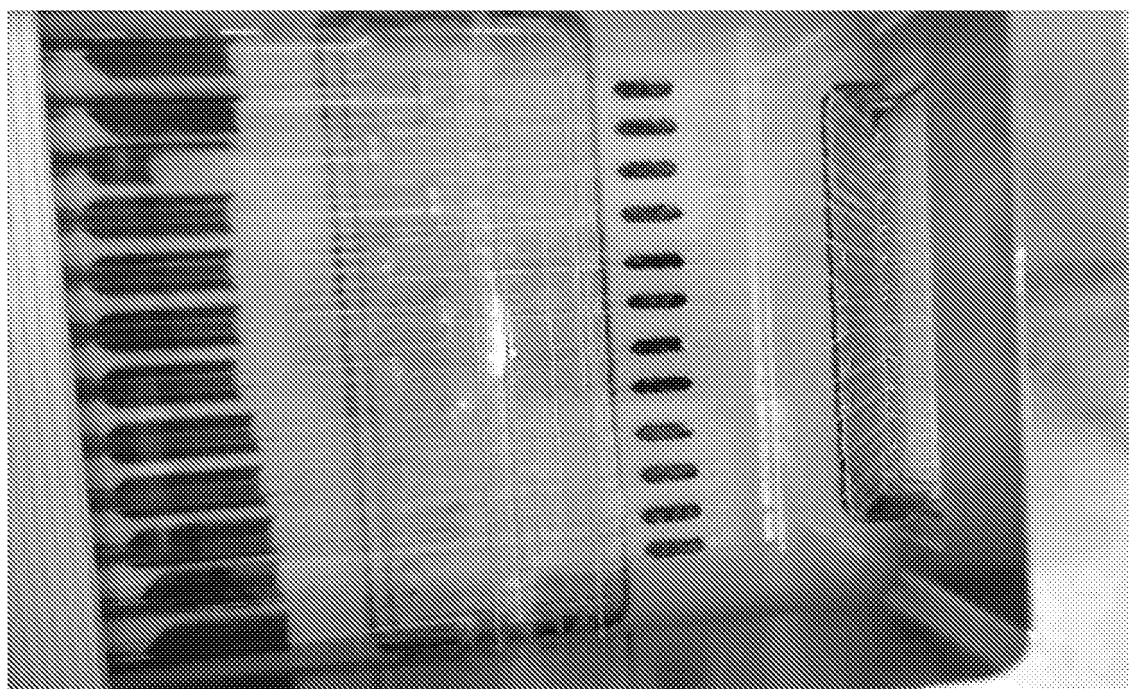


FIGURE 11

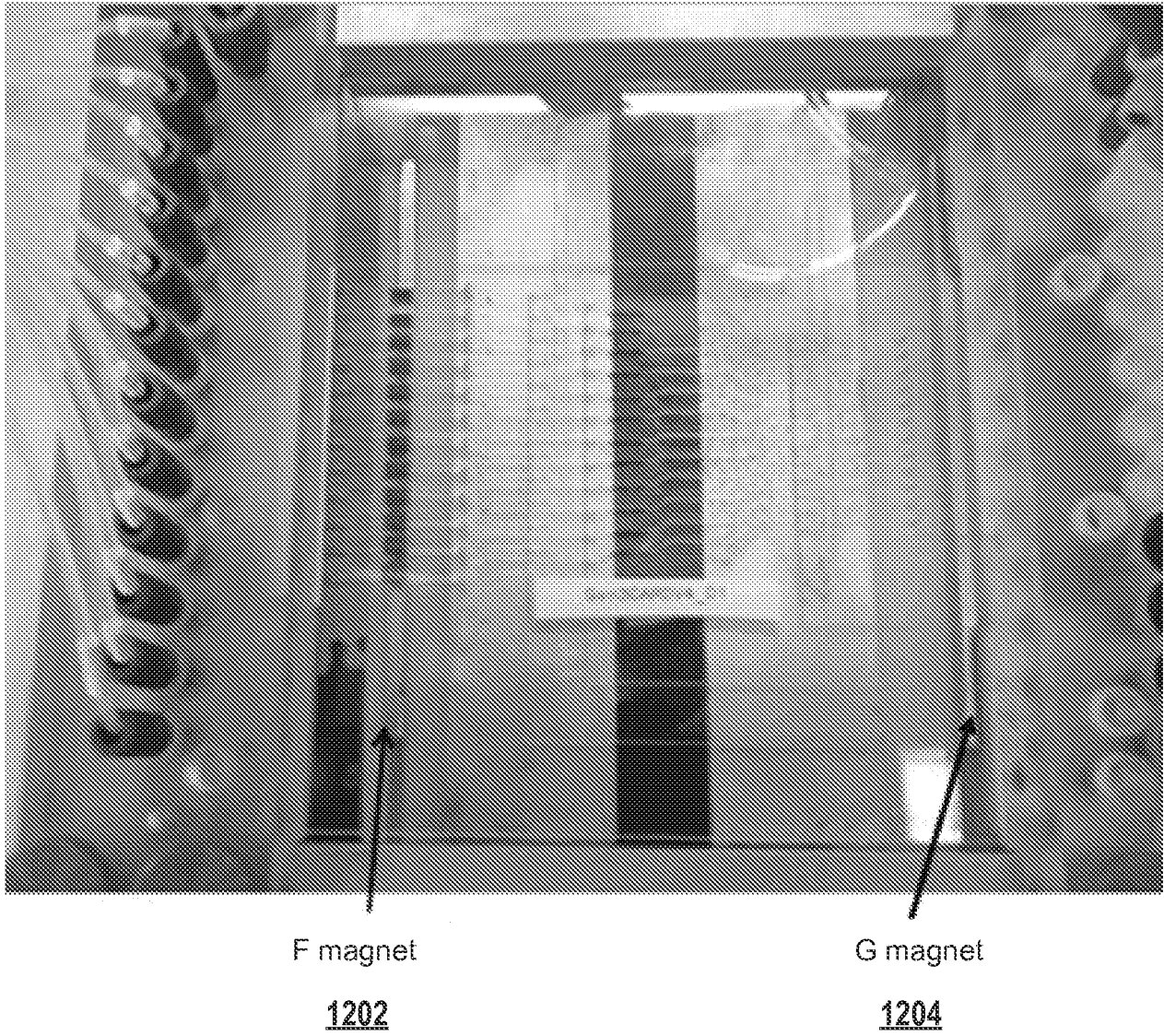
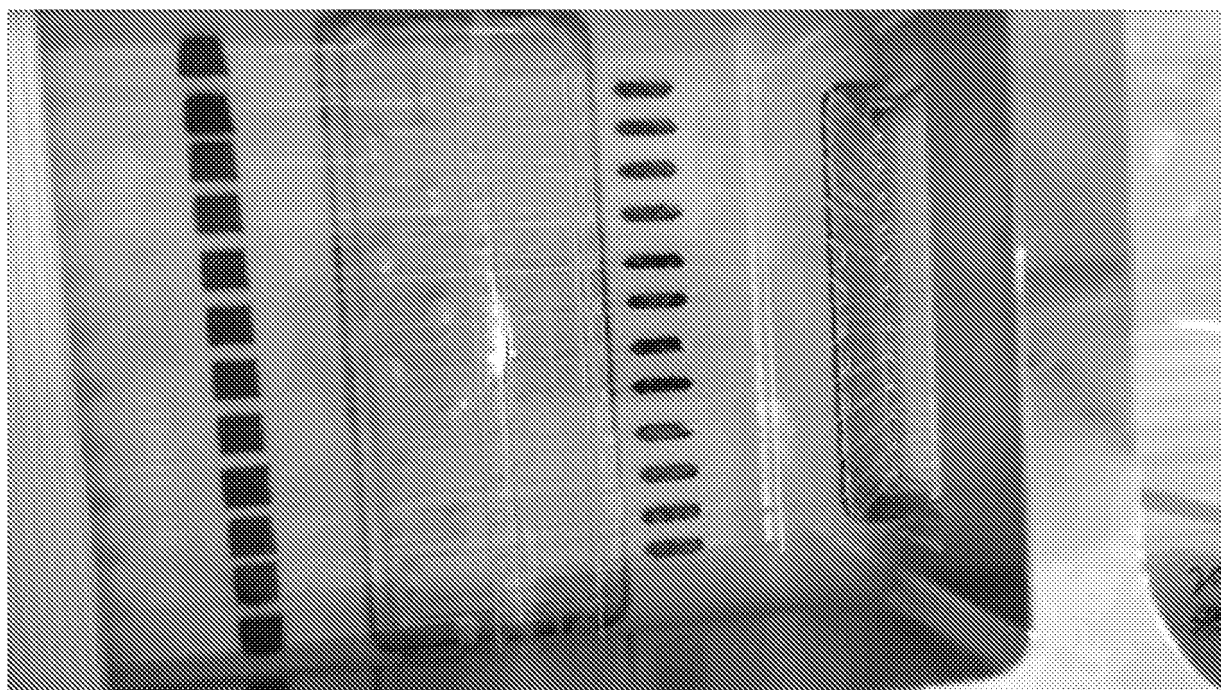
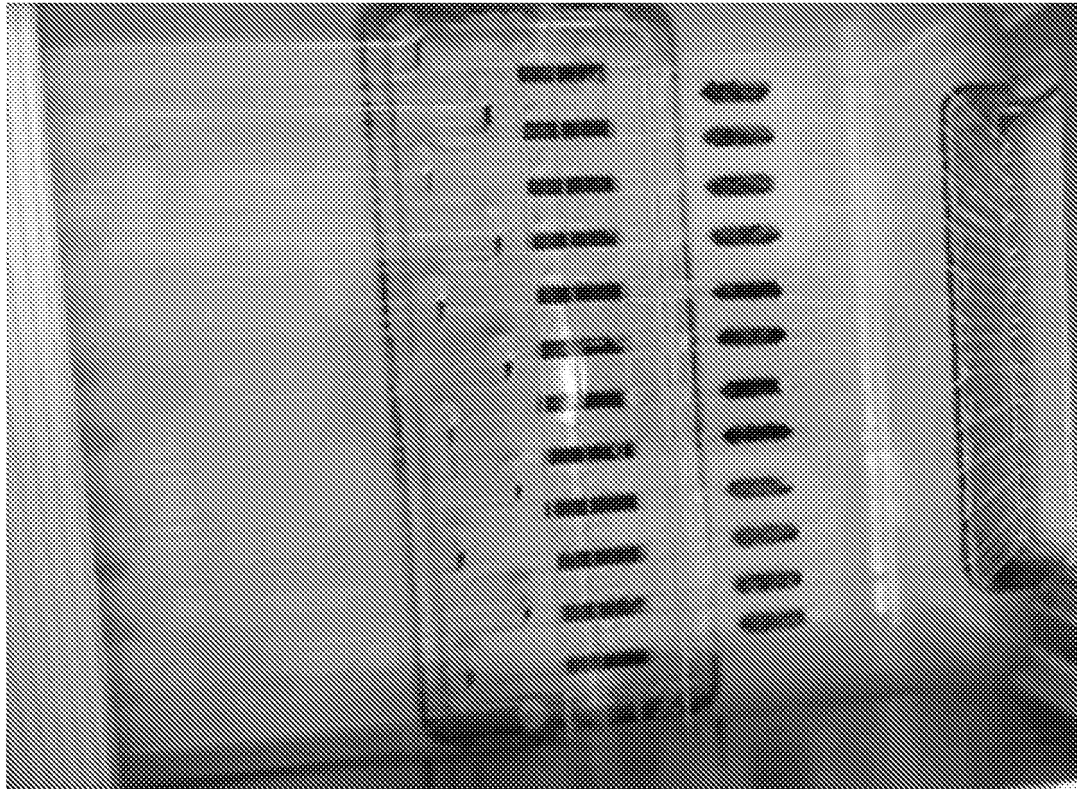
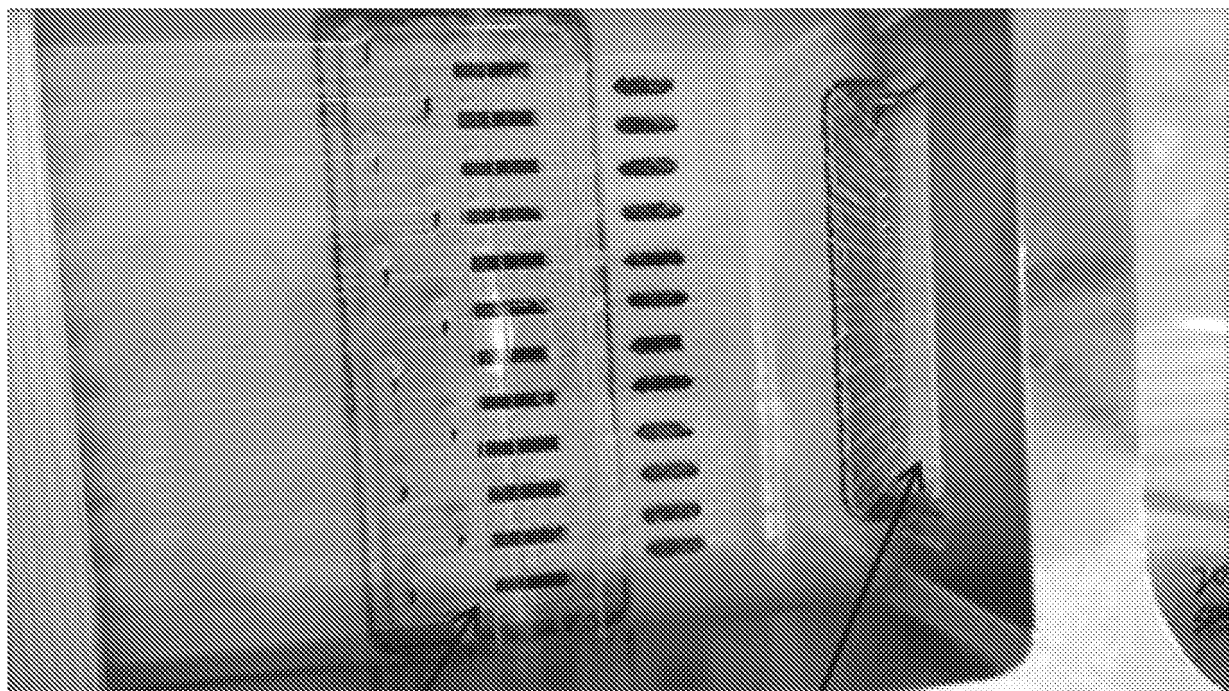


FIGURE 12



1302

FIGURE 13A



F region heater

1304

G region heater

1306

FIGURE 13B

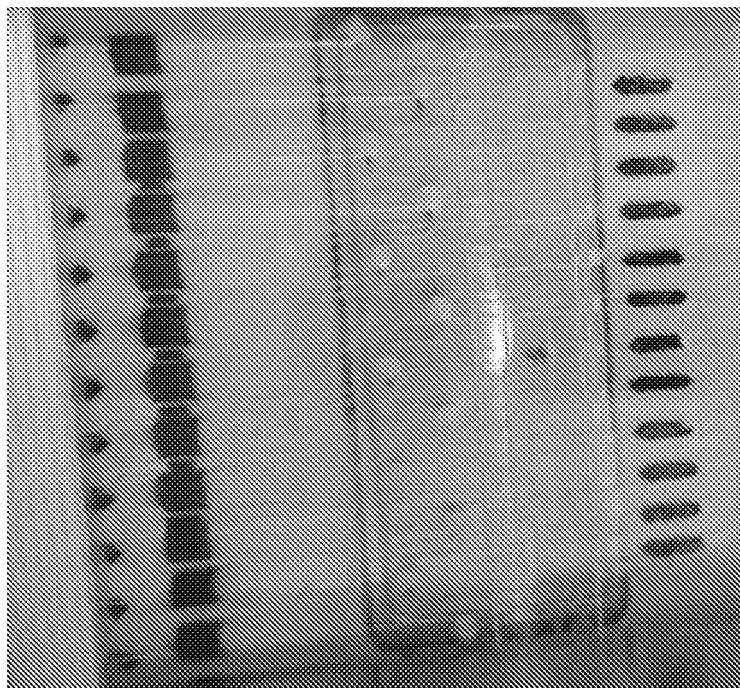
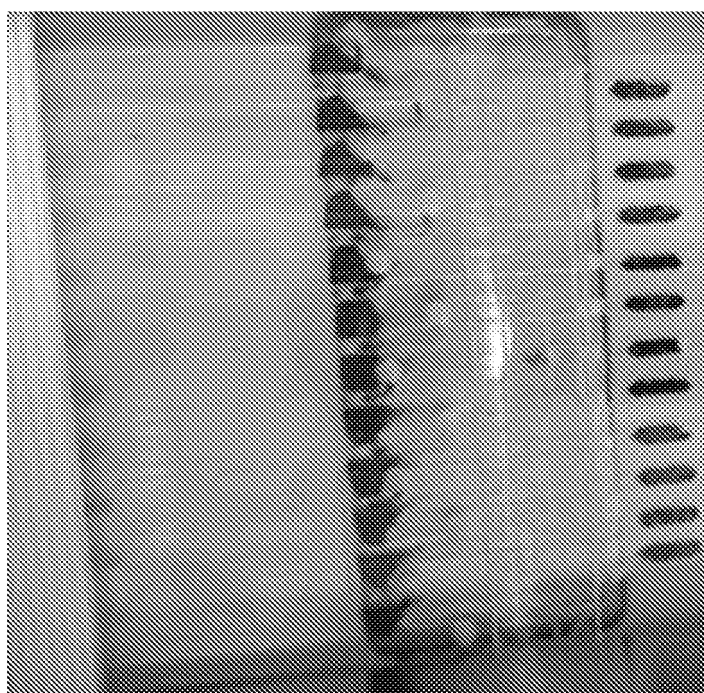
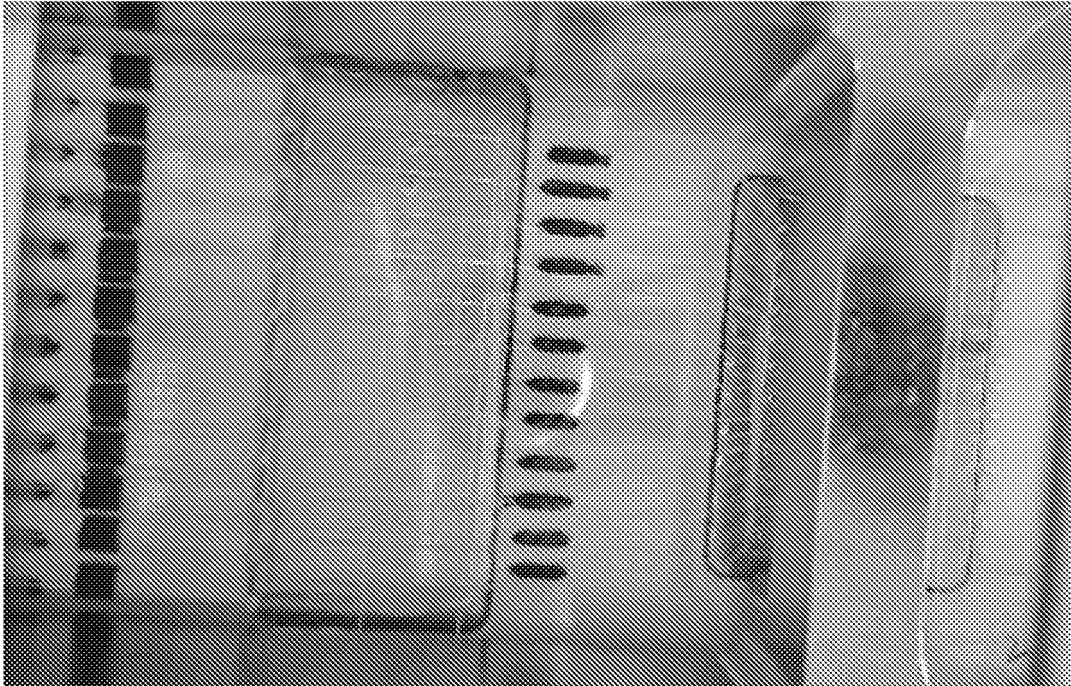
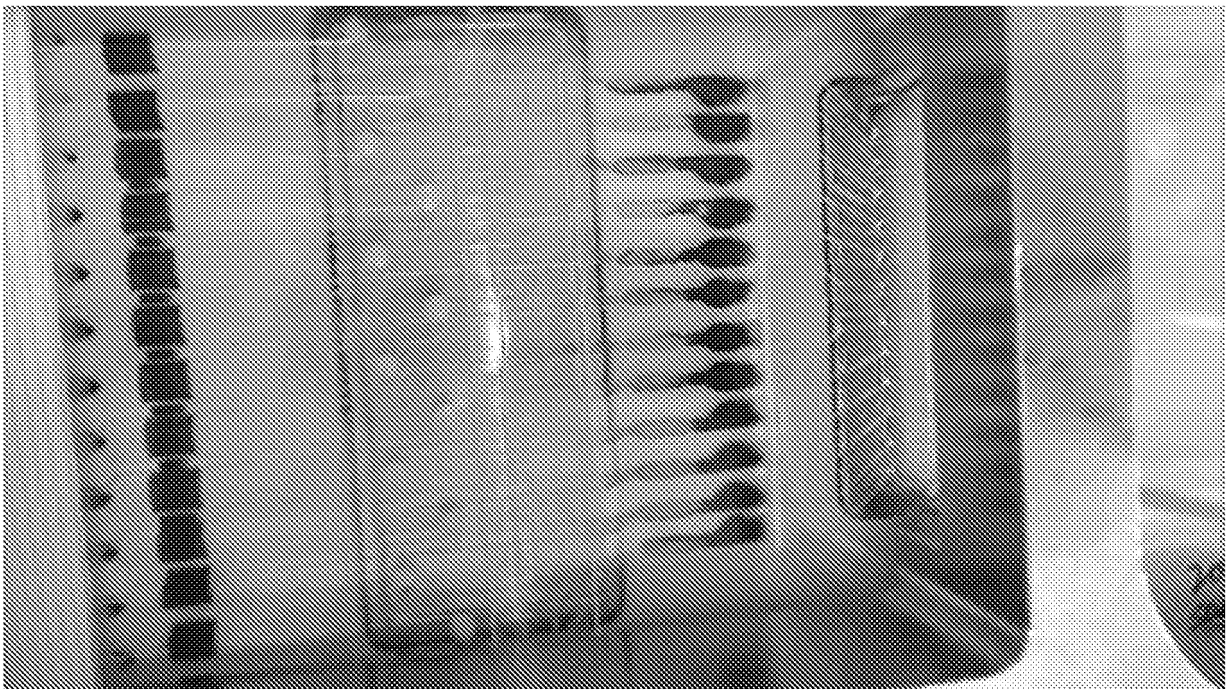


FIGURE 14

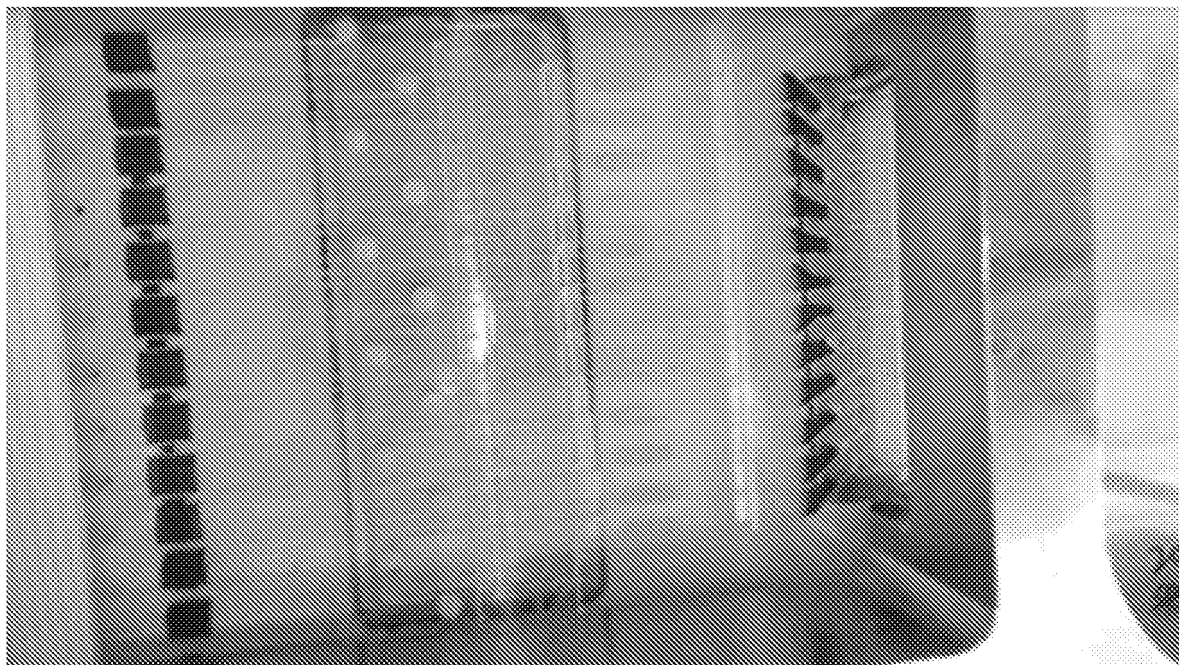


1502

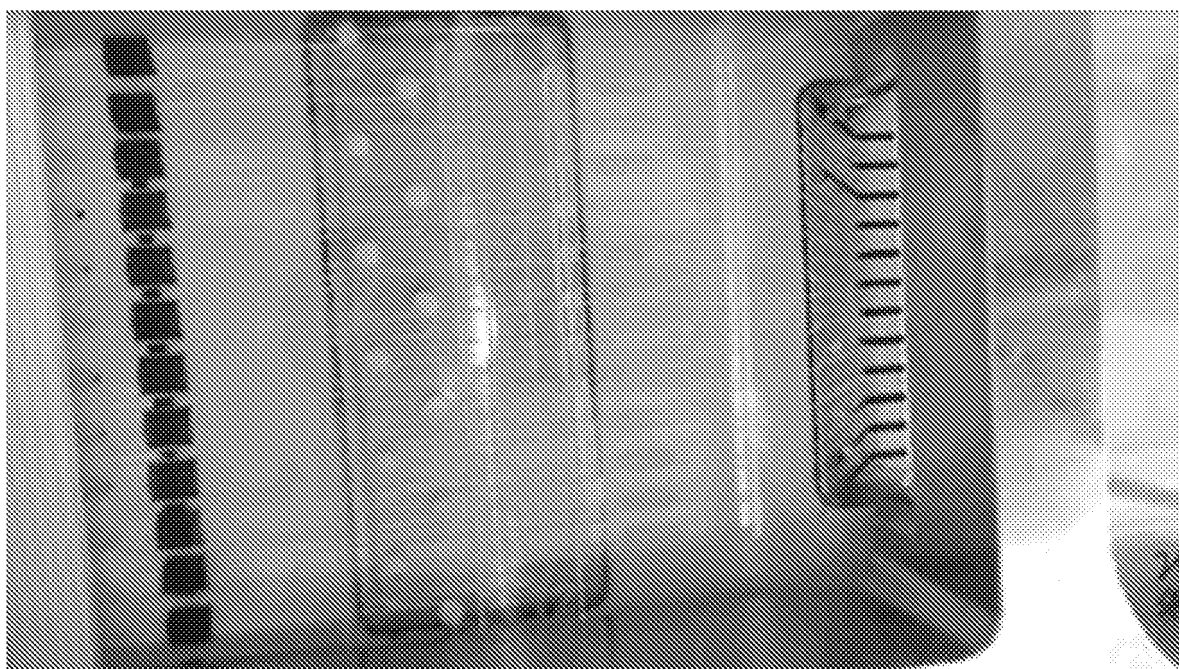


1504

FIGURE 15

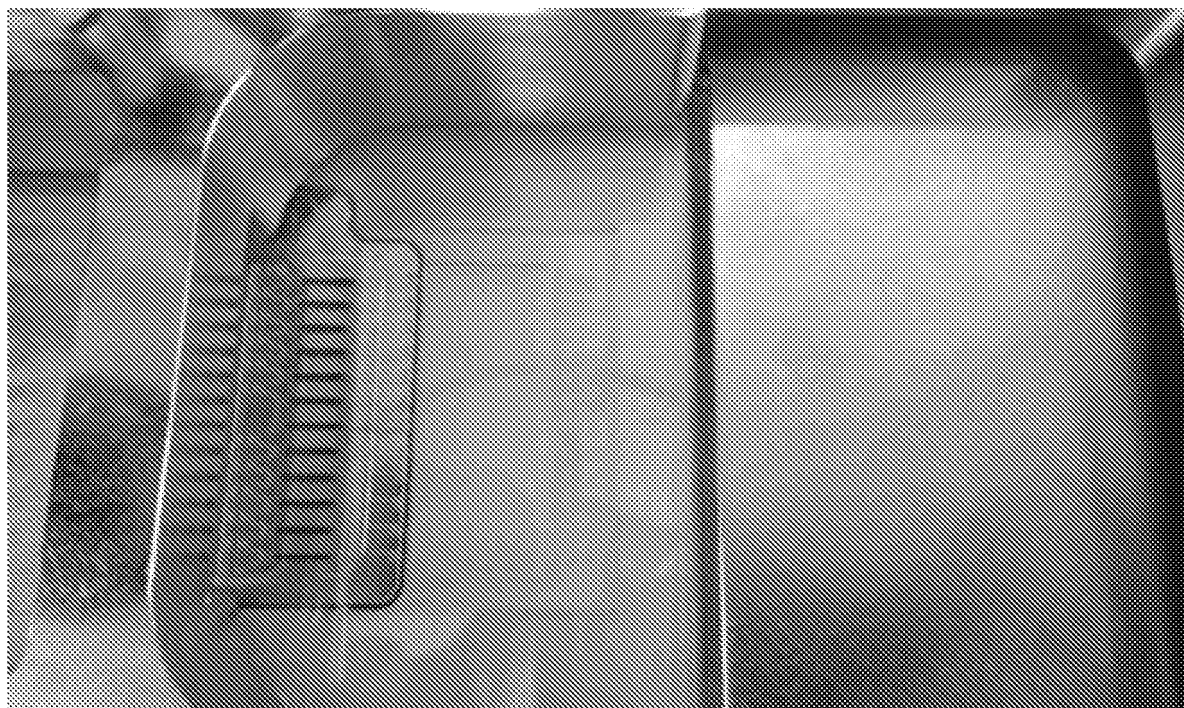
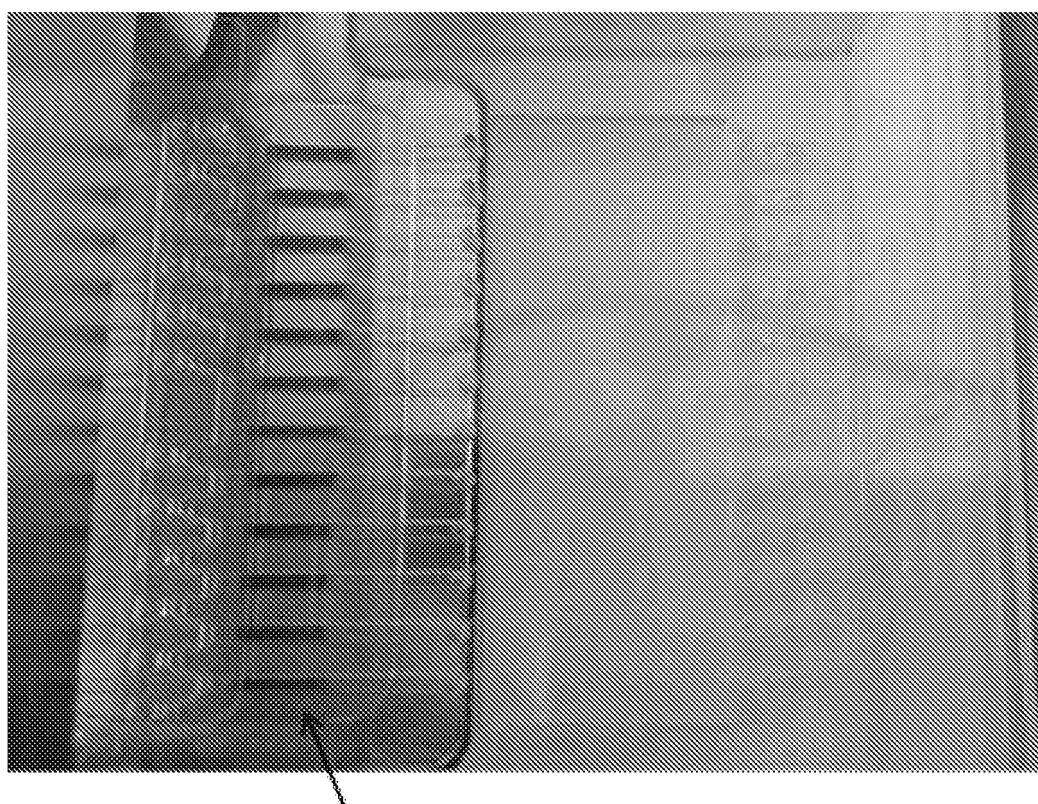


1602



1604

FIGURE 16



G region heater

1702

FIGURE 17

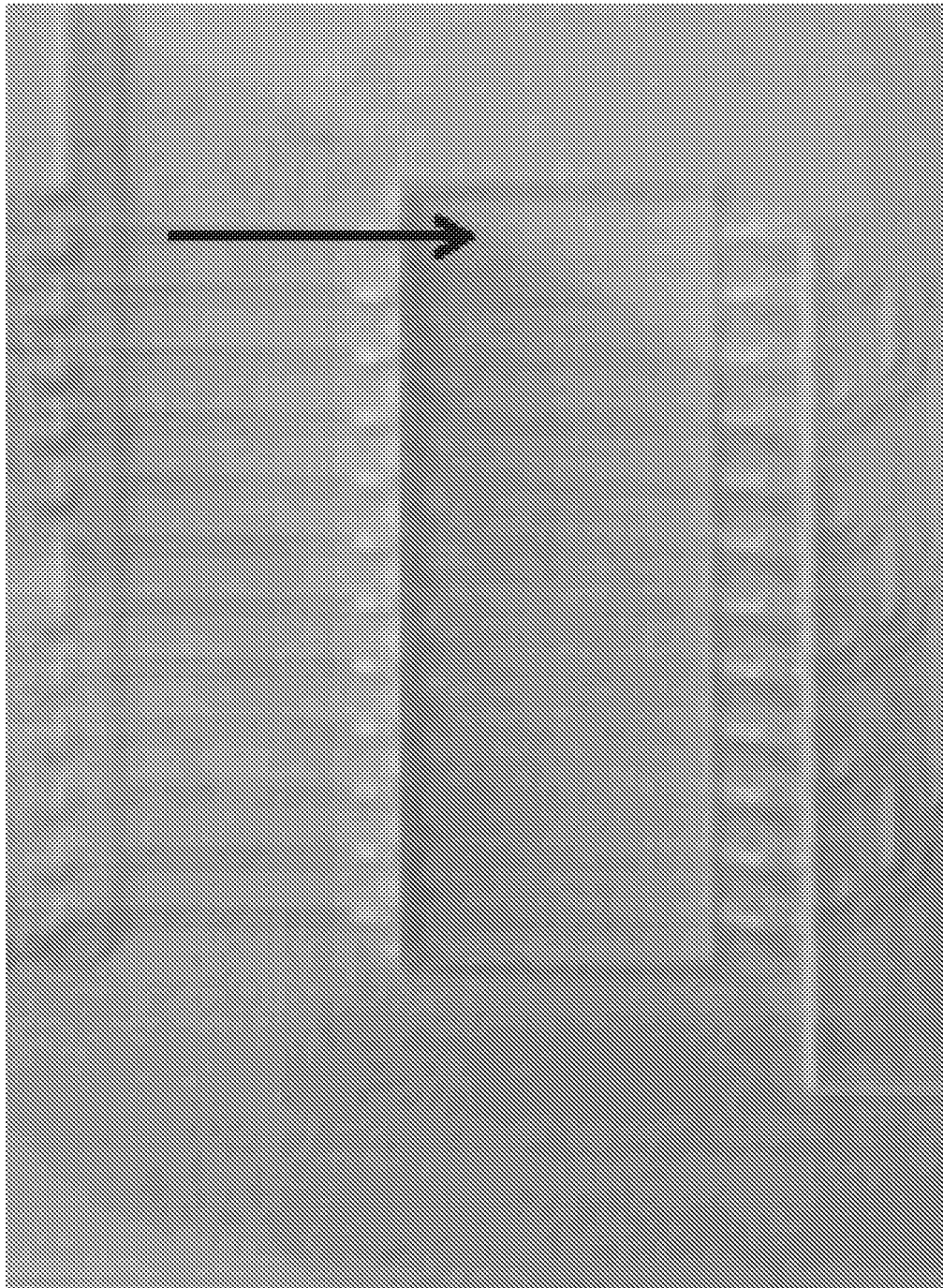


FIGURE 18

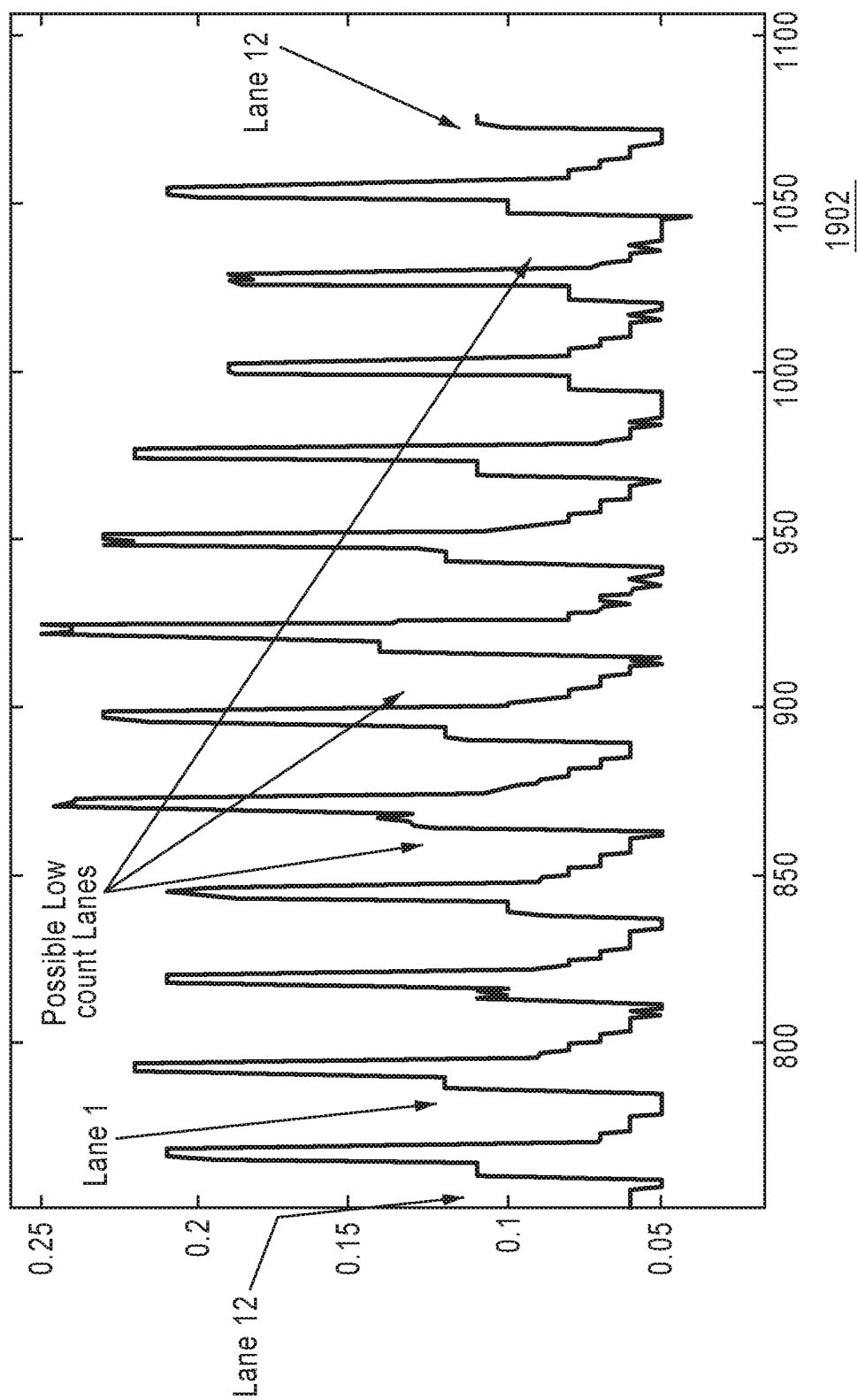
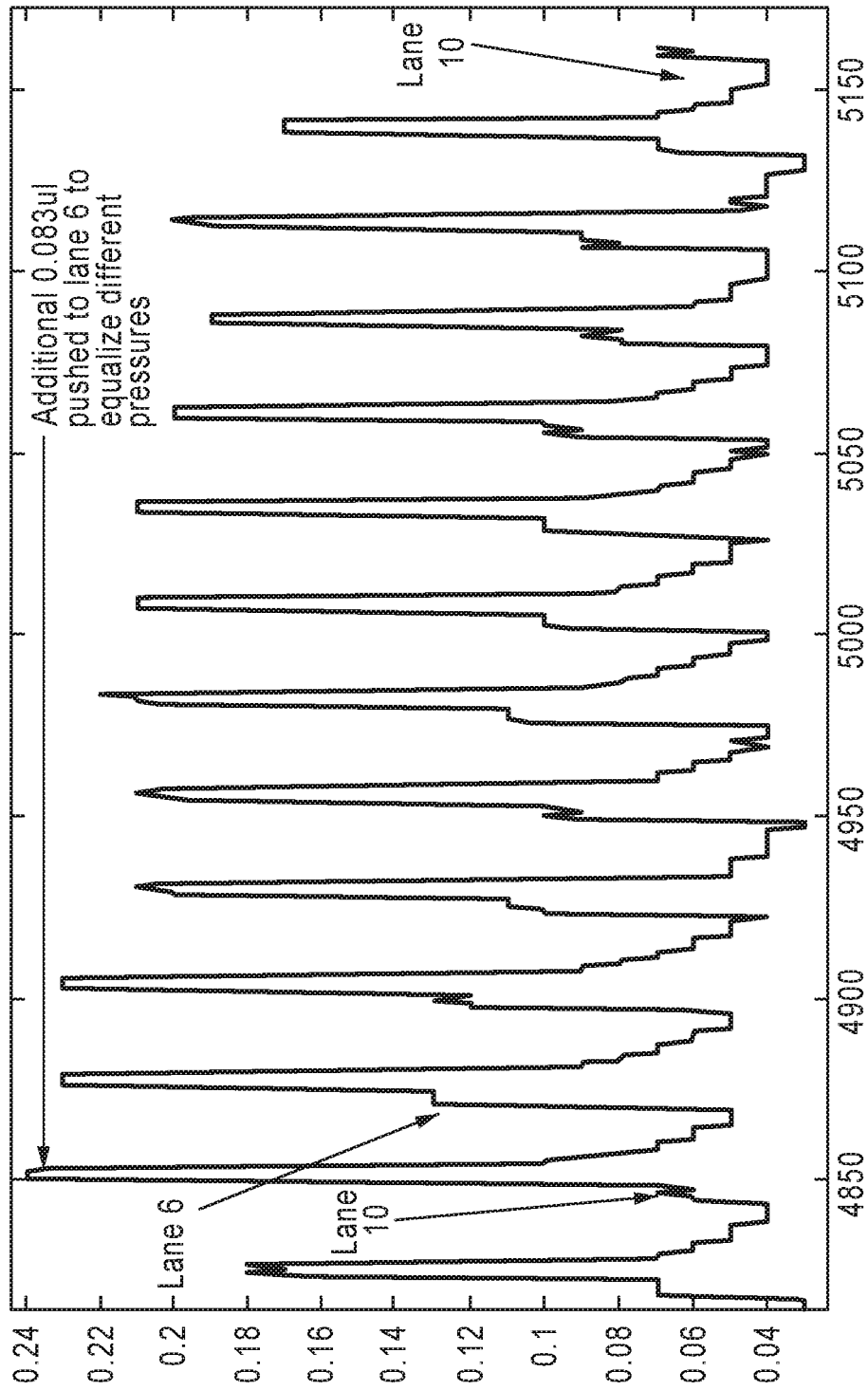
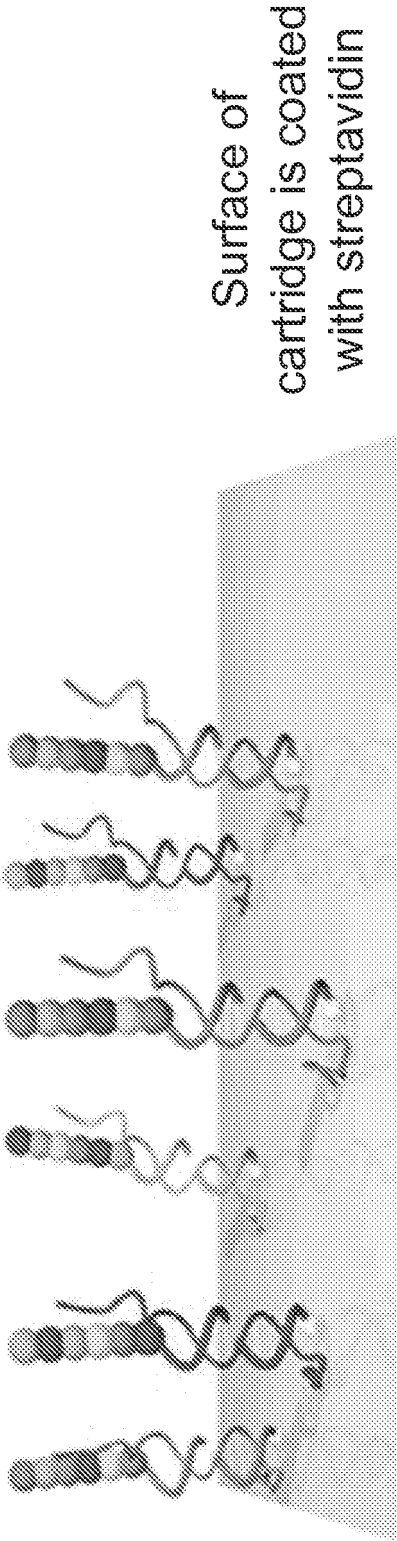


FIGURE 19A



1904

FIGURE 19B



Hybridized Probes Bind to Cartridge

2002

FIGURE 20

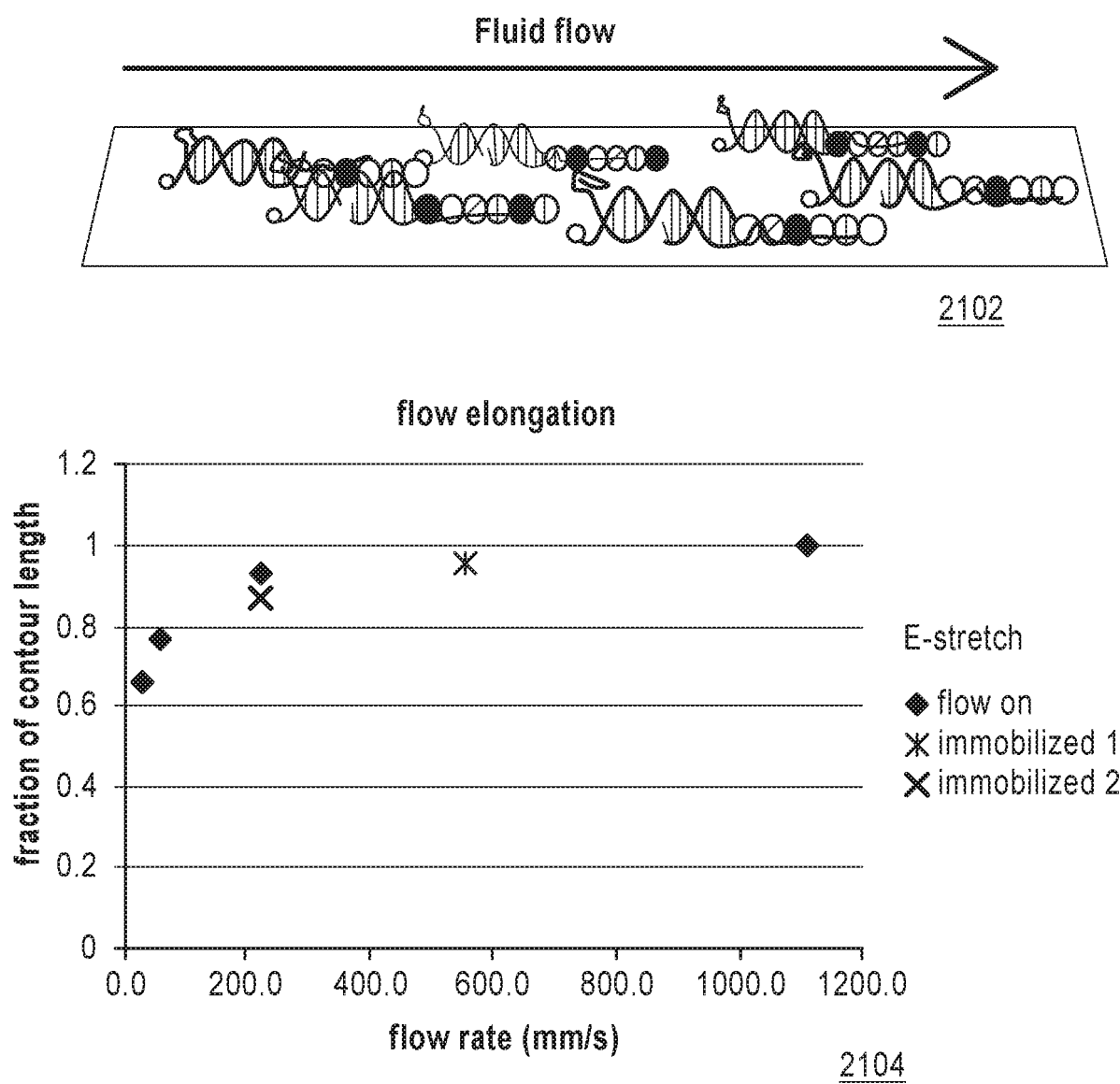


FIGURE 21

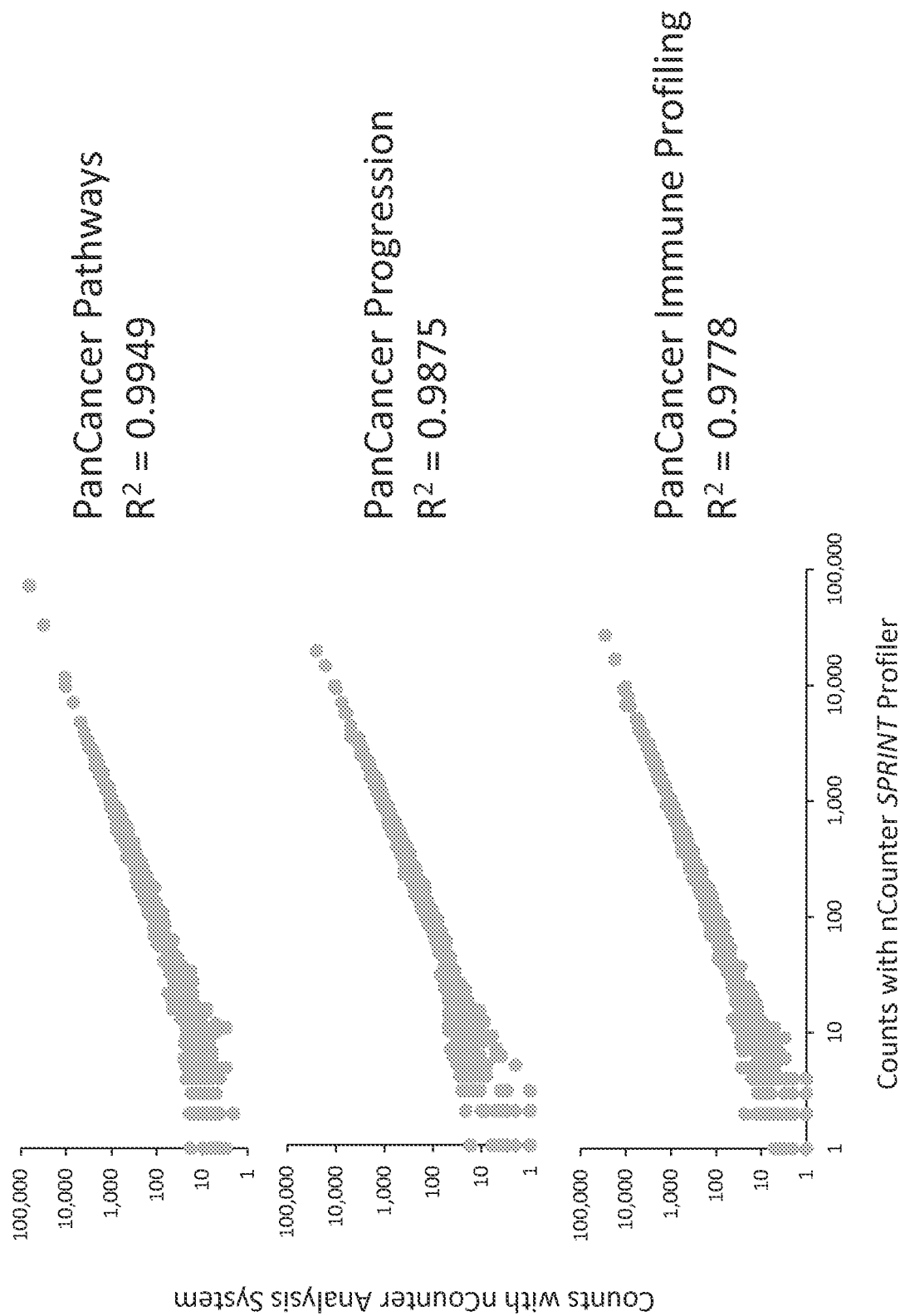


FIGURE 22

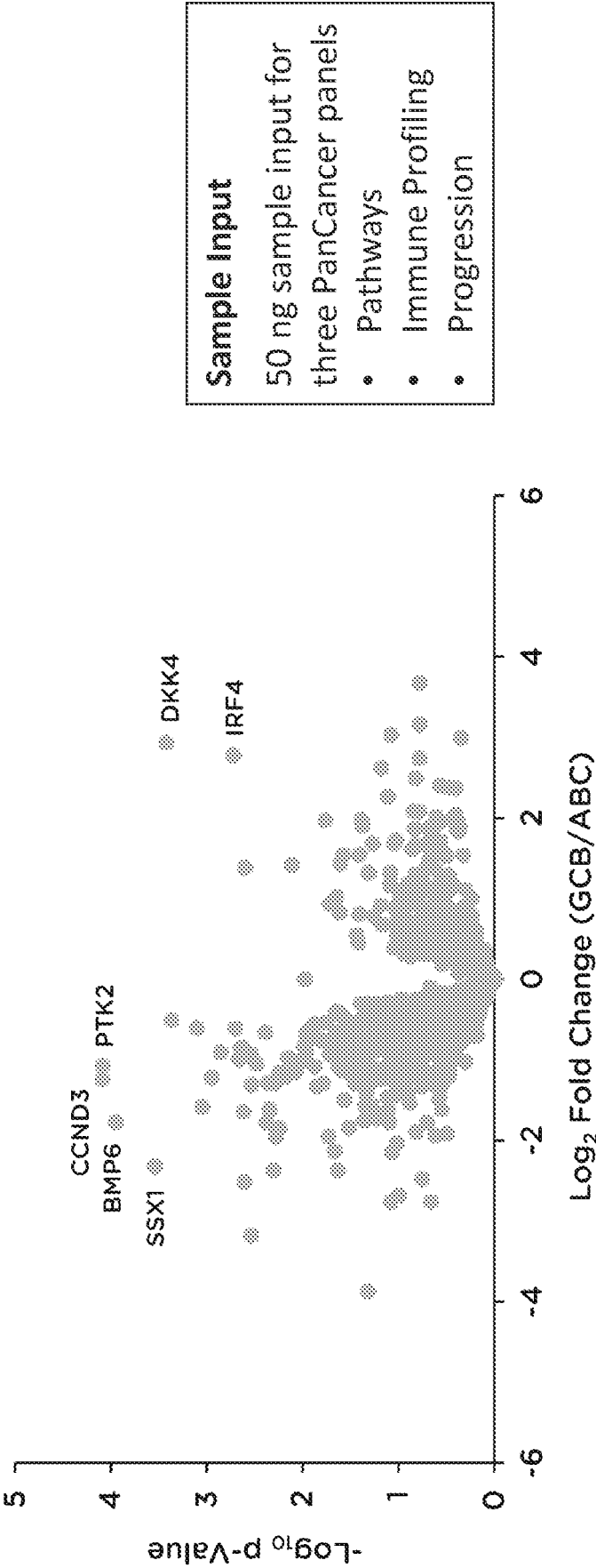


FIGURE 23

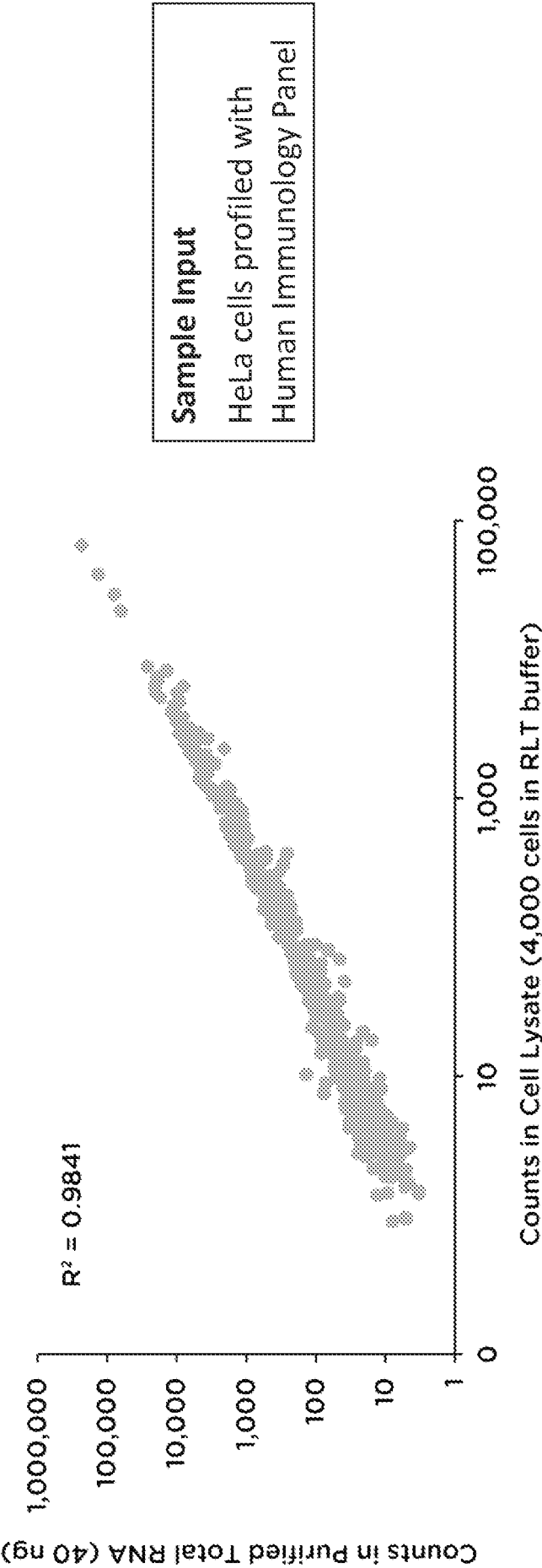


FIGURE 24

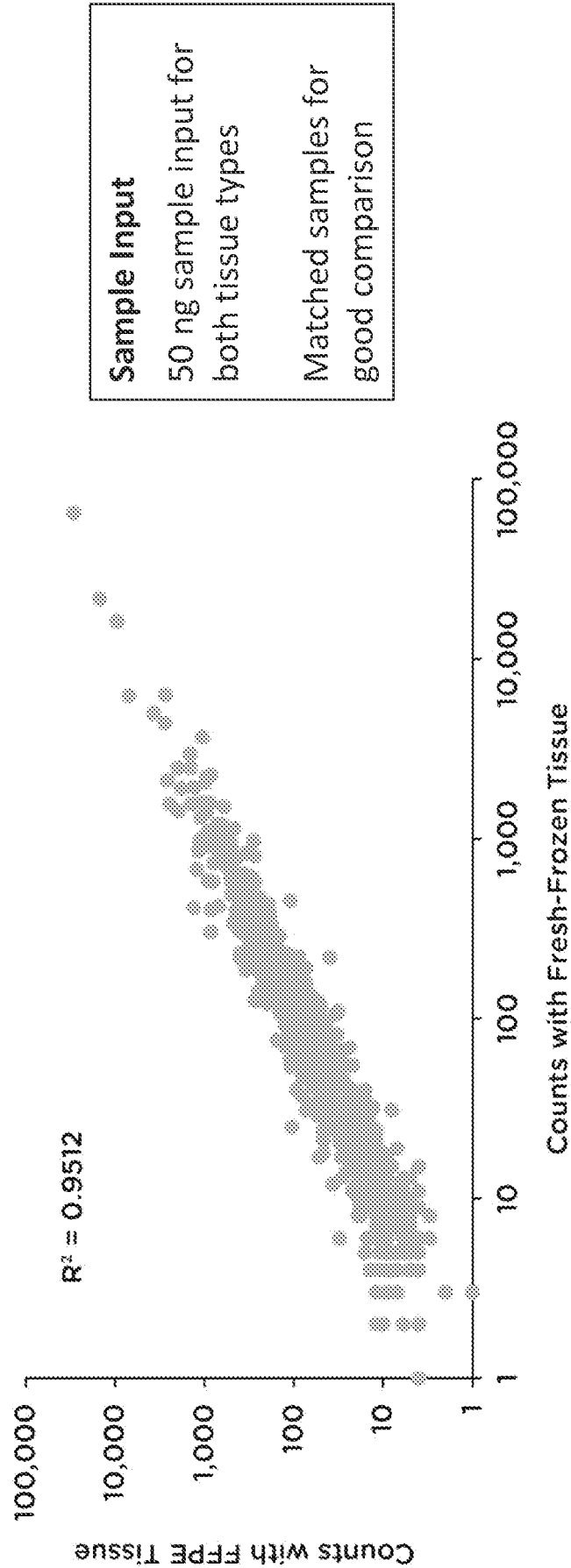


FIGURE 25

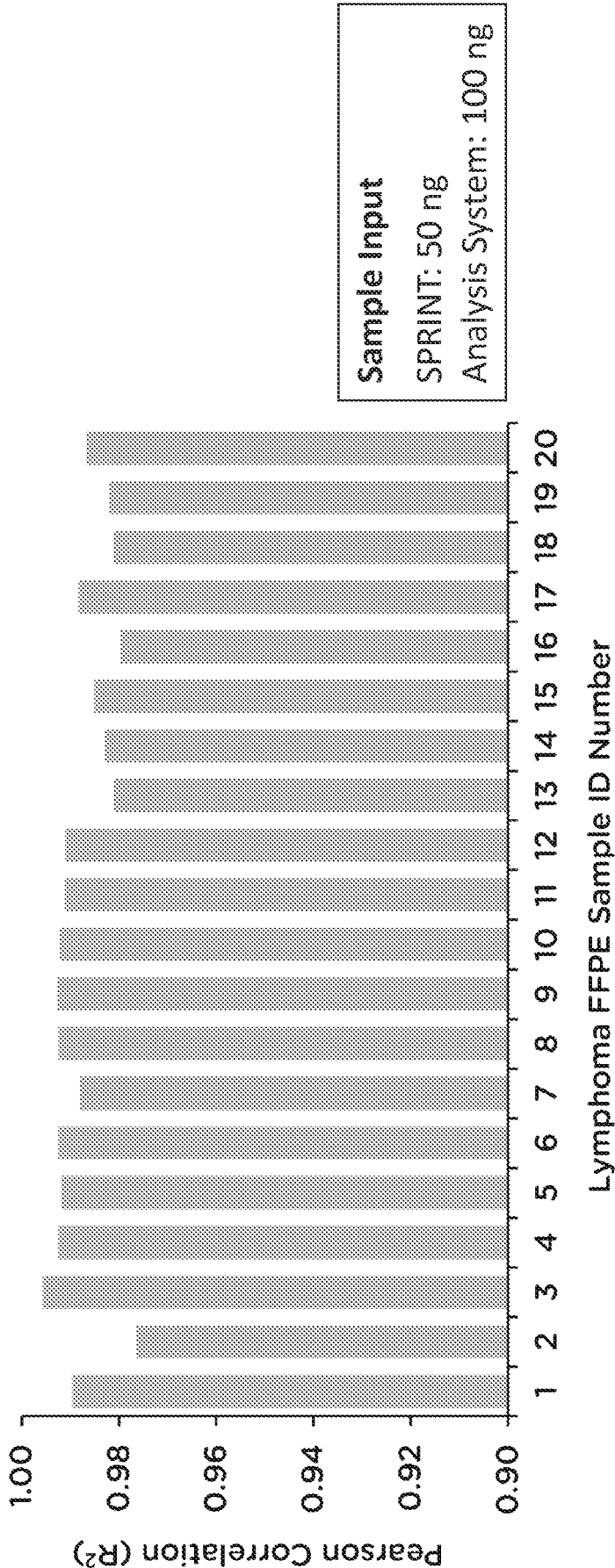


FIGURE 26

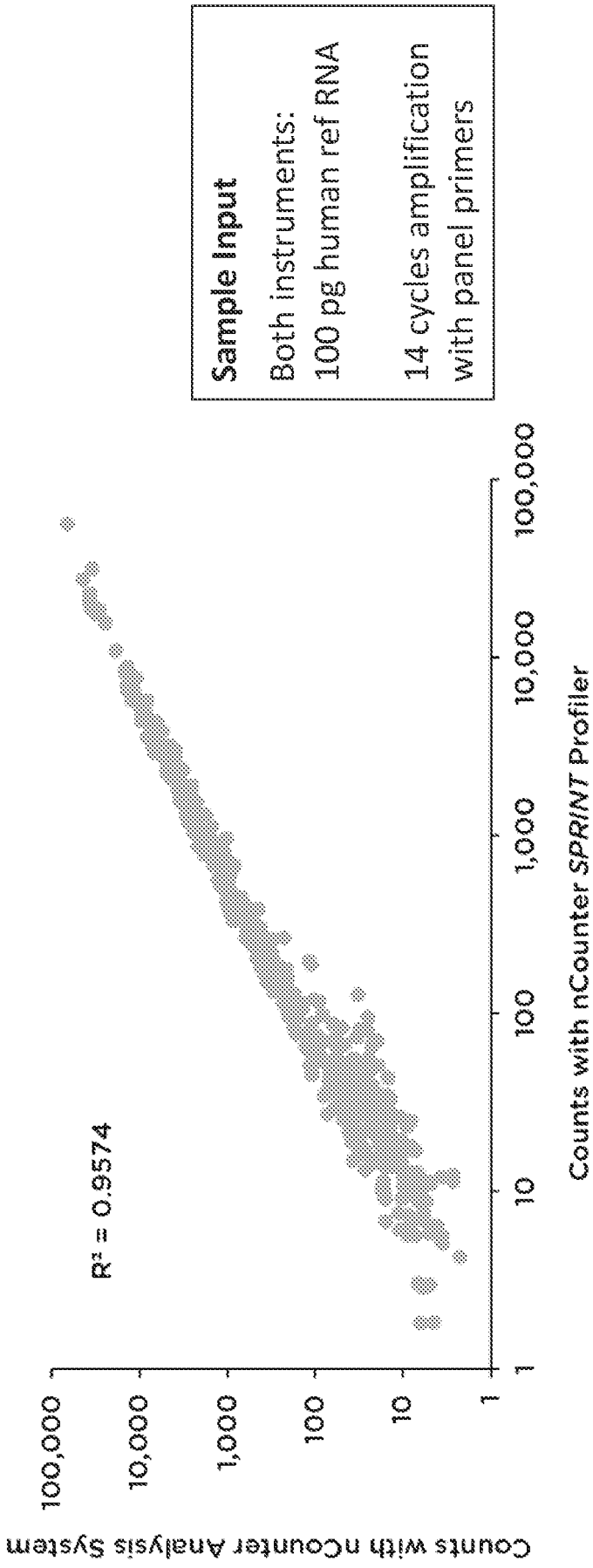


FIGURE 27

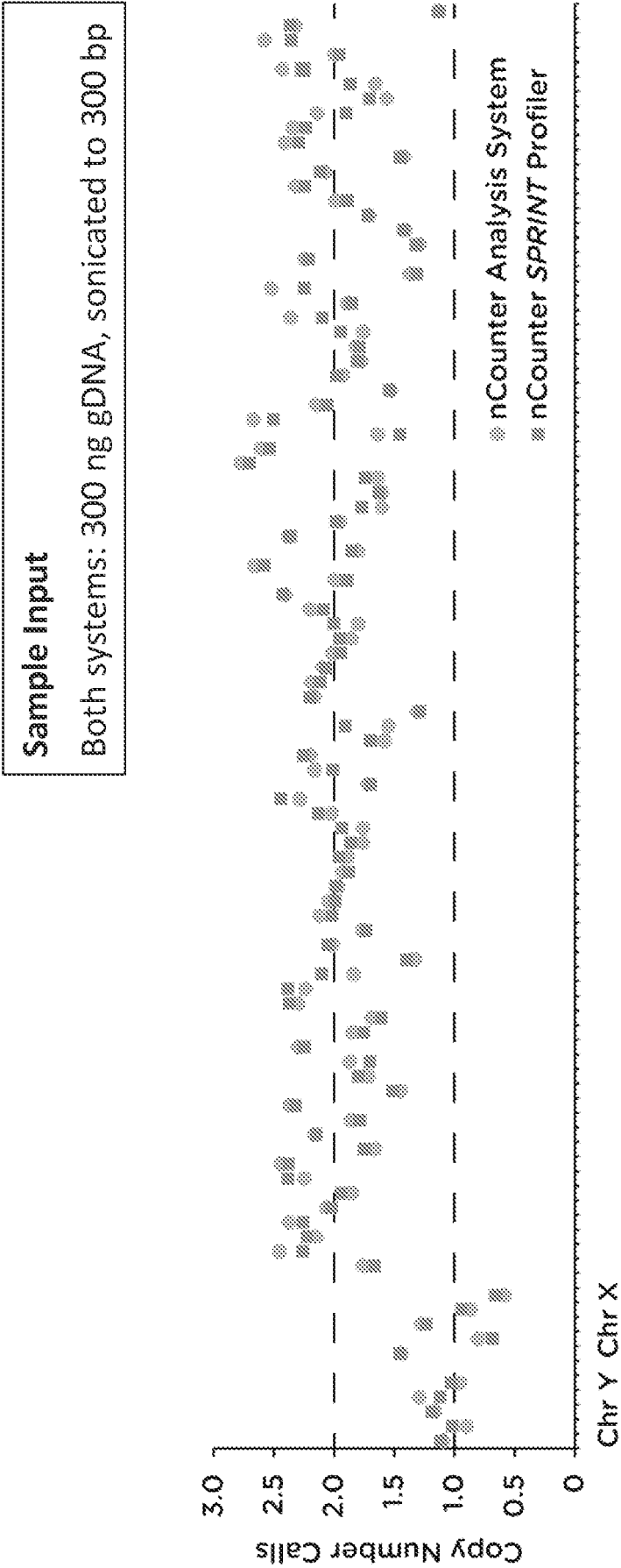


FIGURE 28

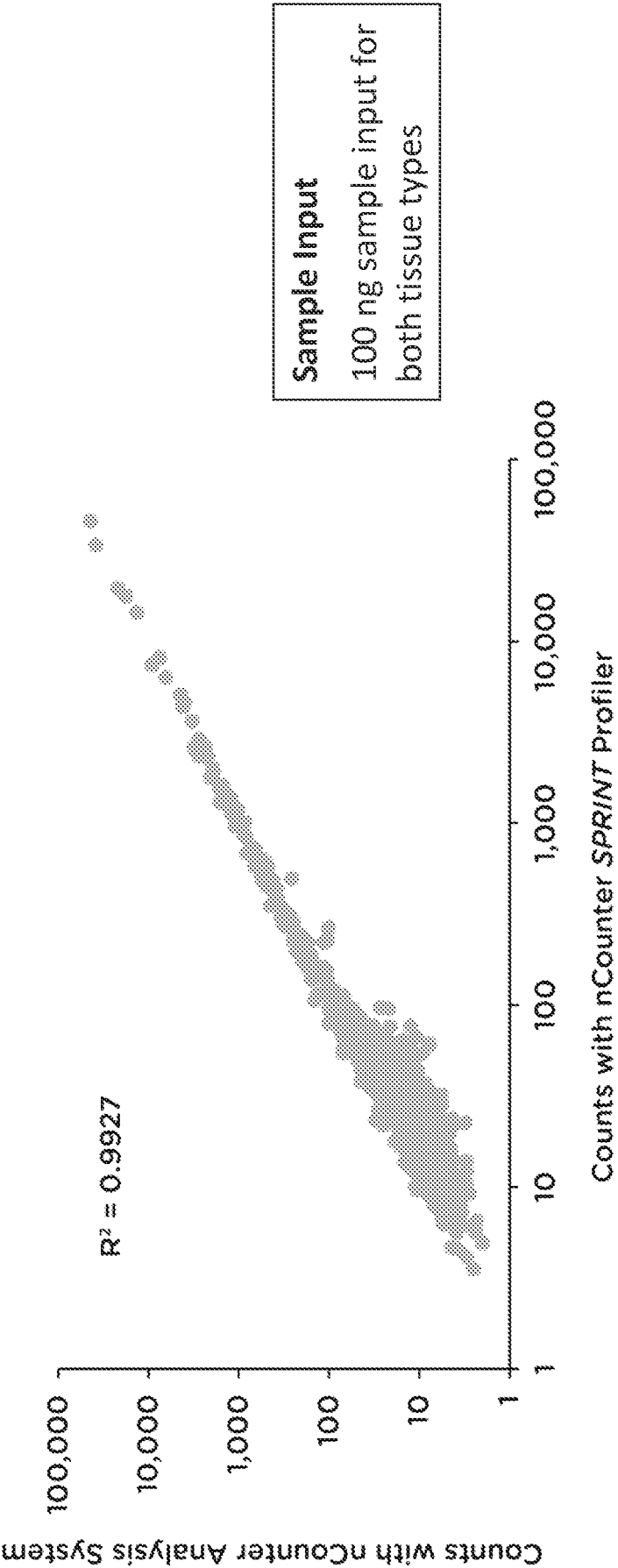


FIGURE 29

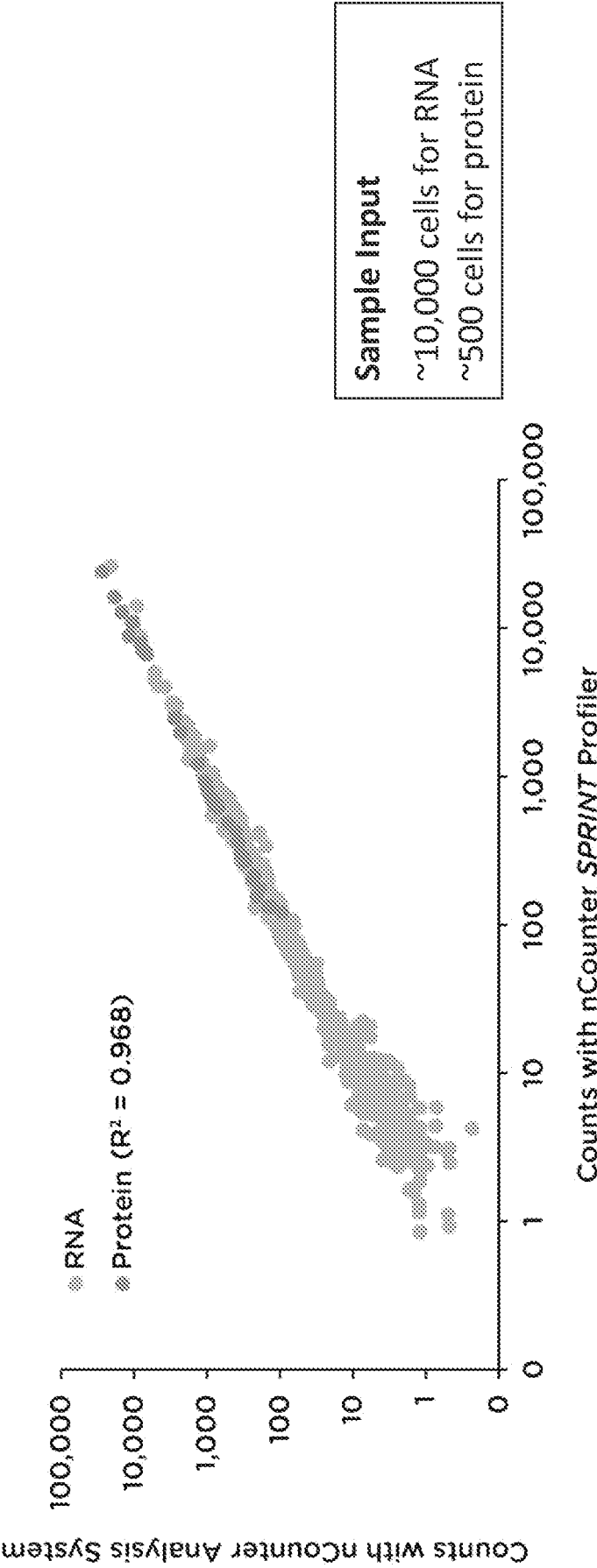


FIGURE 30