

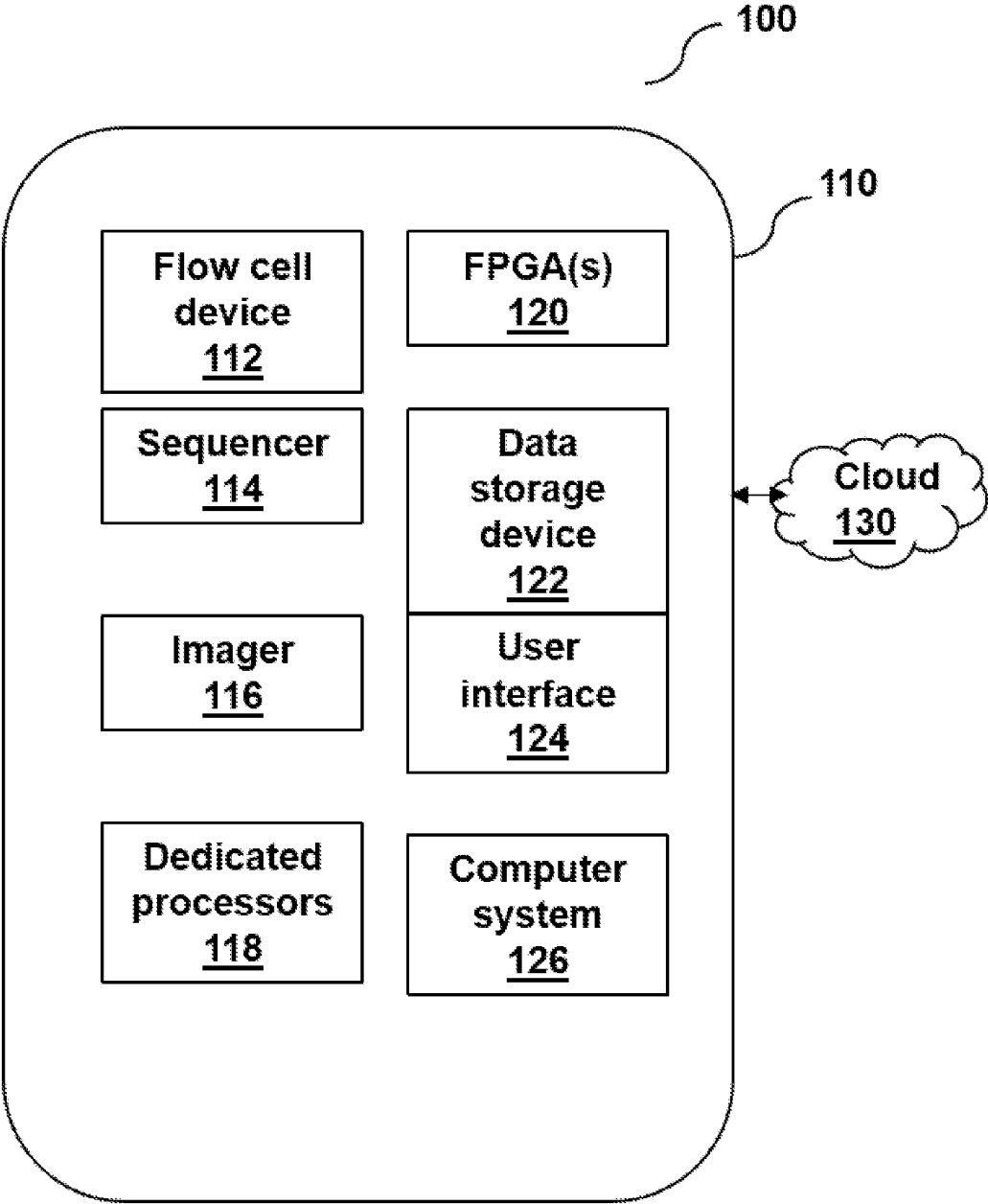


FIG. 1

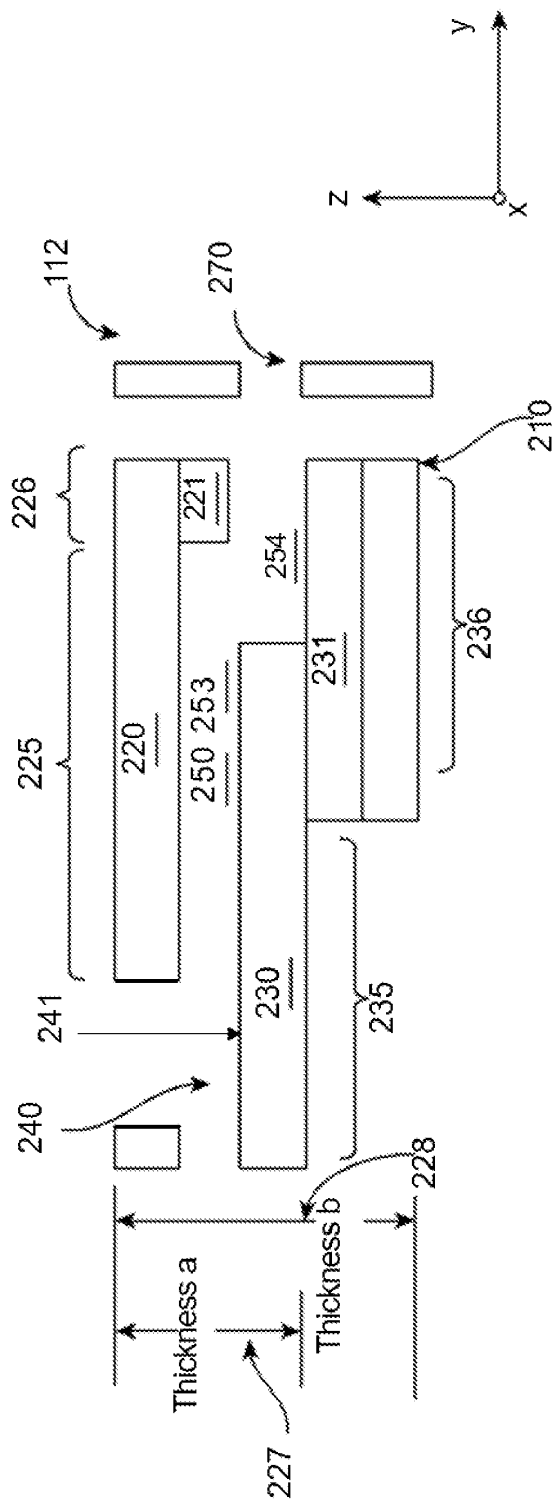


FIG. 2A

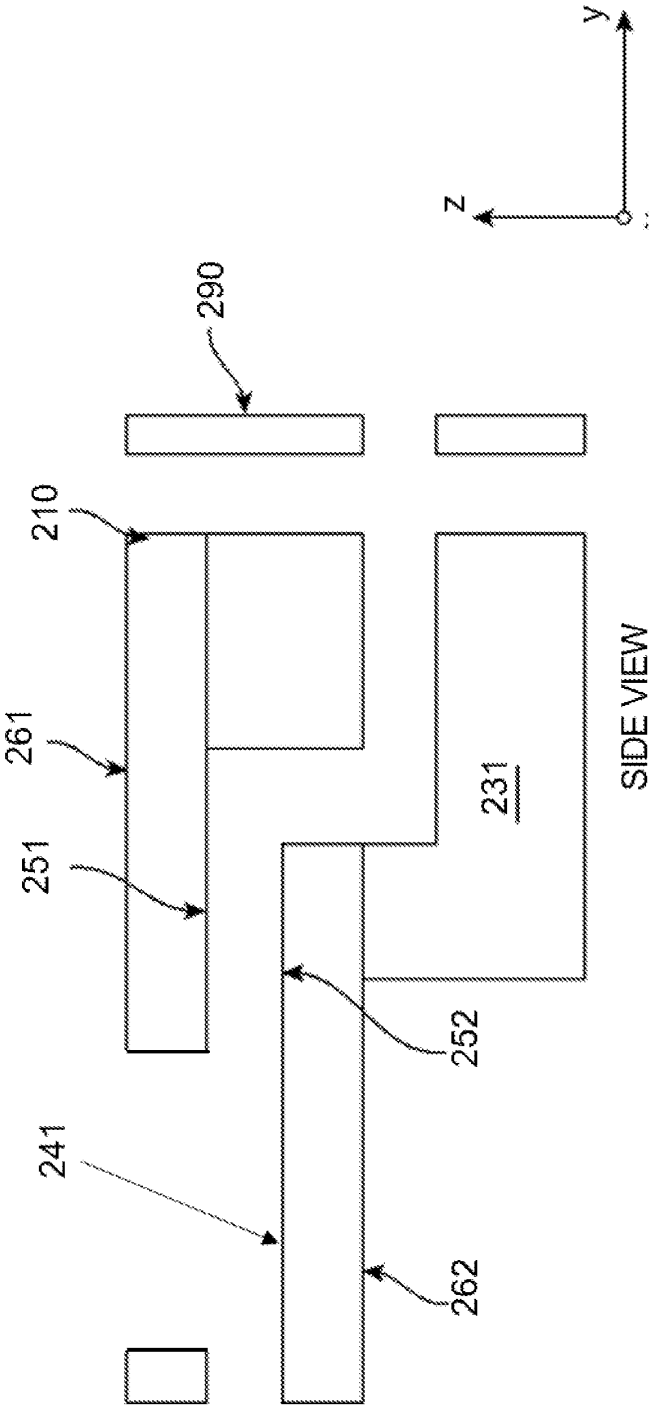


FIG. 2B

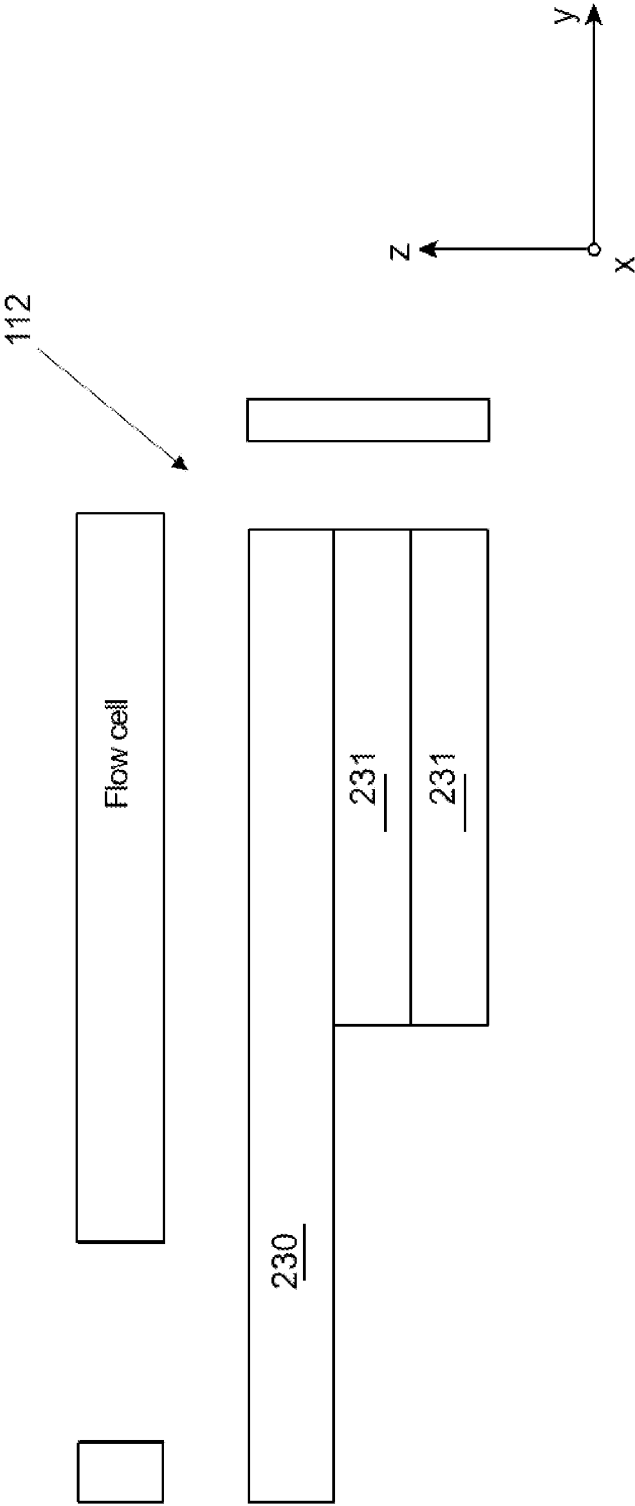


FIG. 2C

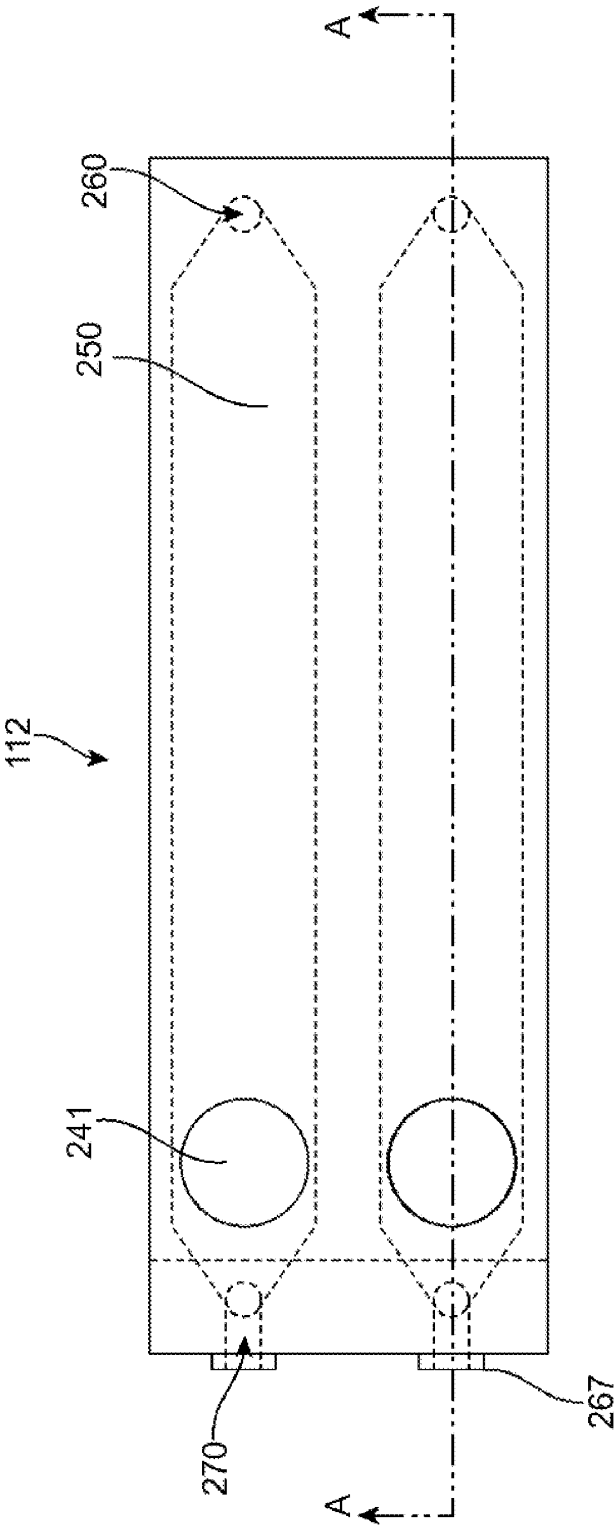


FIG. 2D

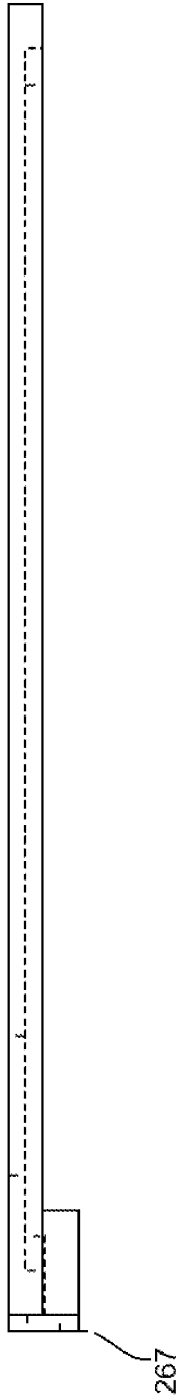


FIG. 2E

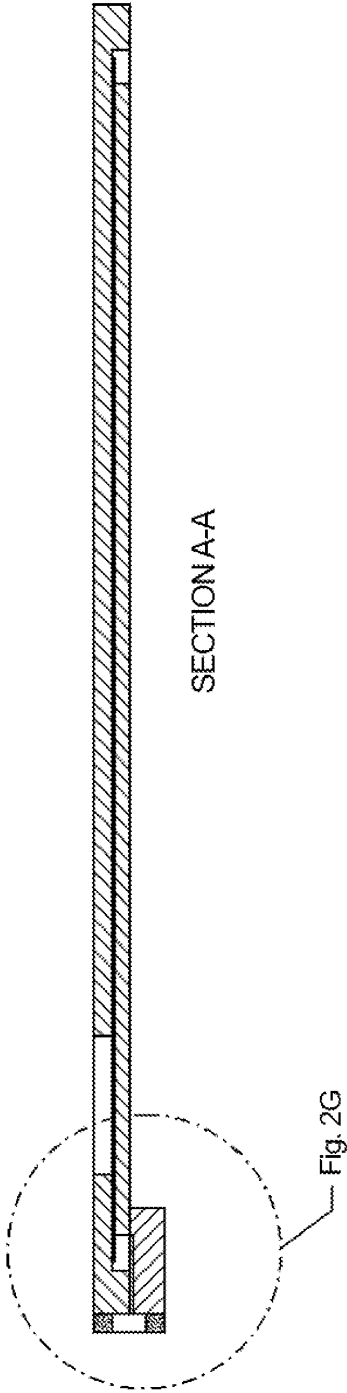


FIG. 2F

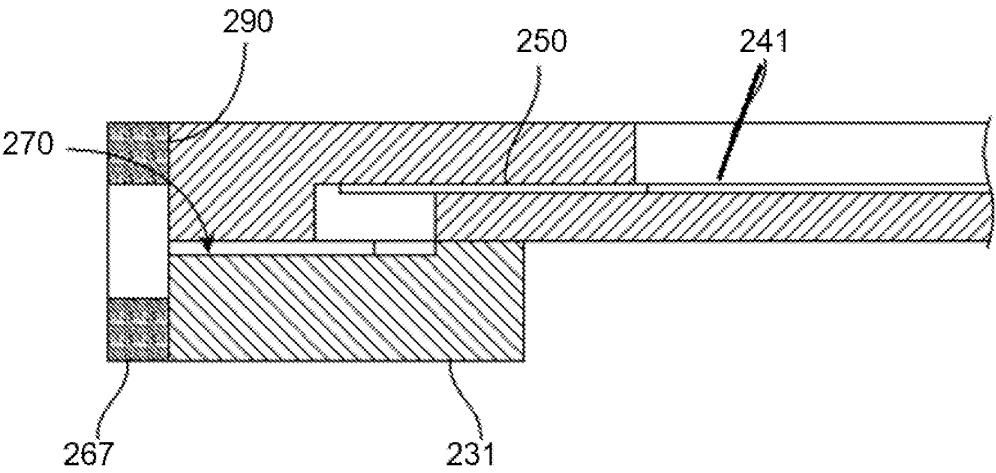


FIG. 2G

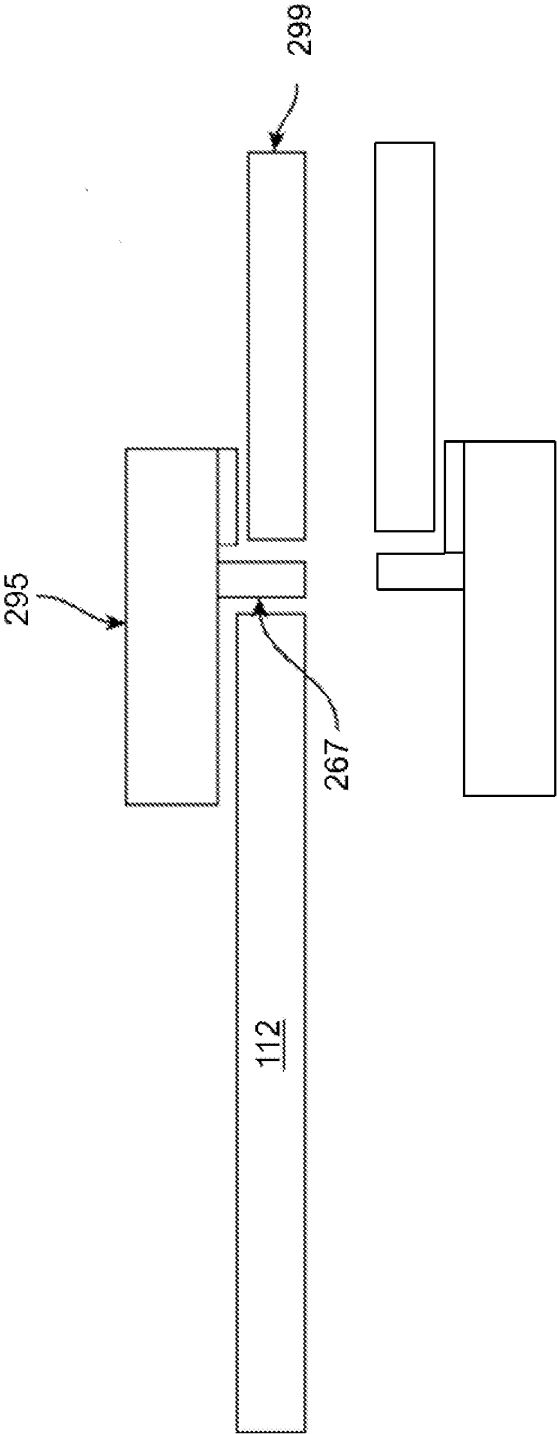


FIG. 3A

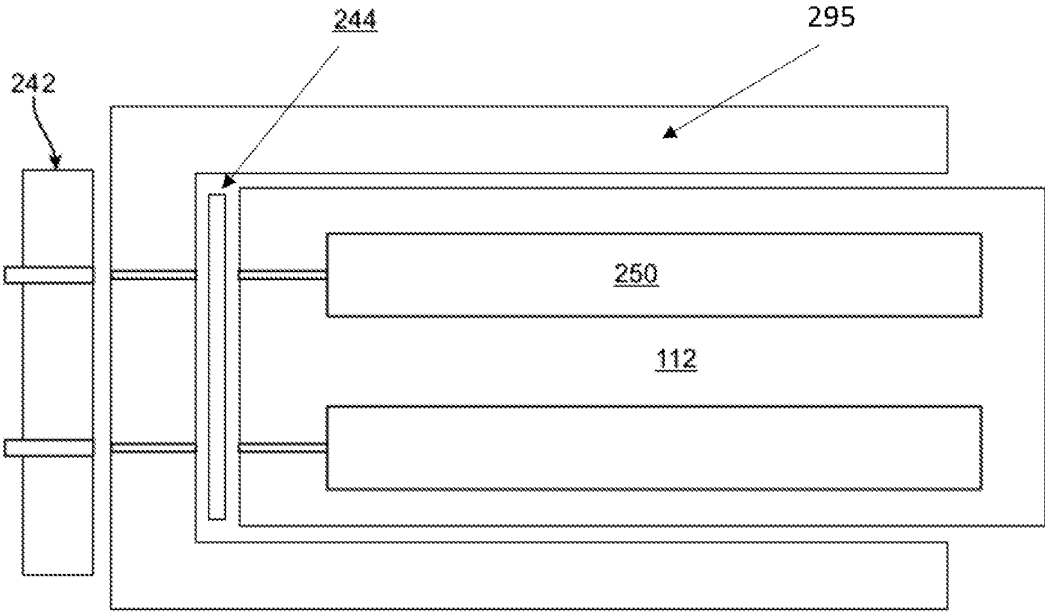


FIG. 3B

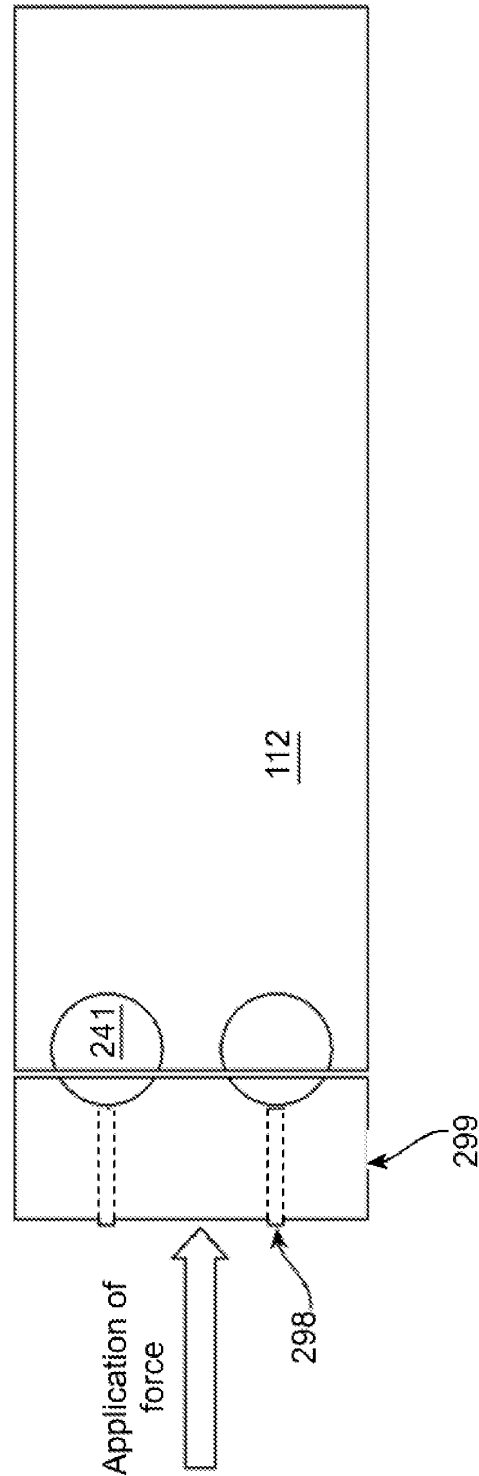


FIG. 4A

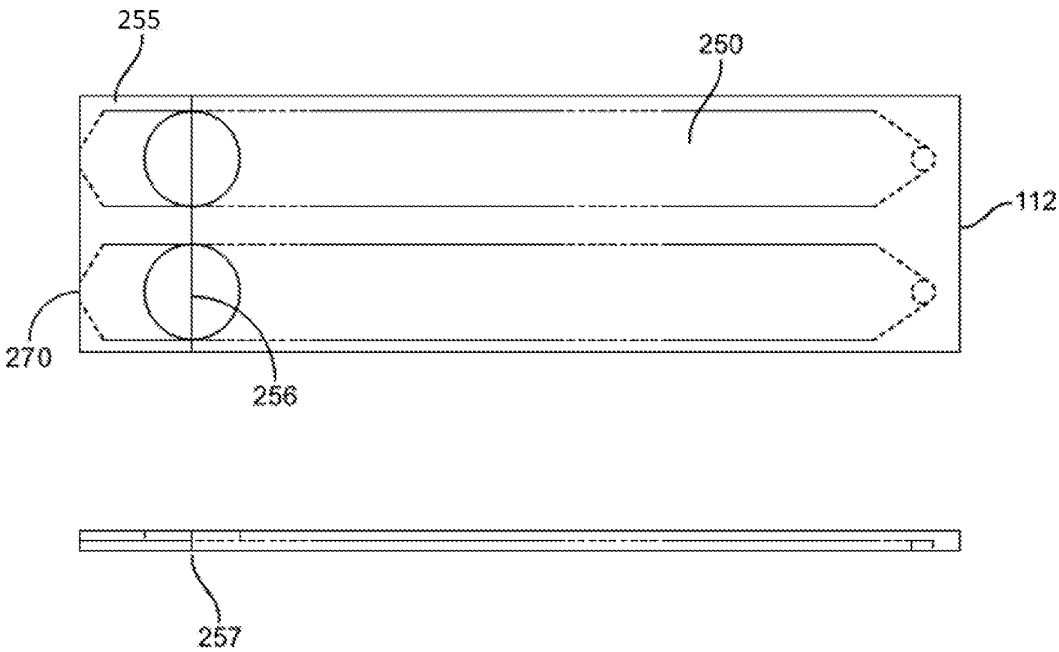


FIG. 4B

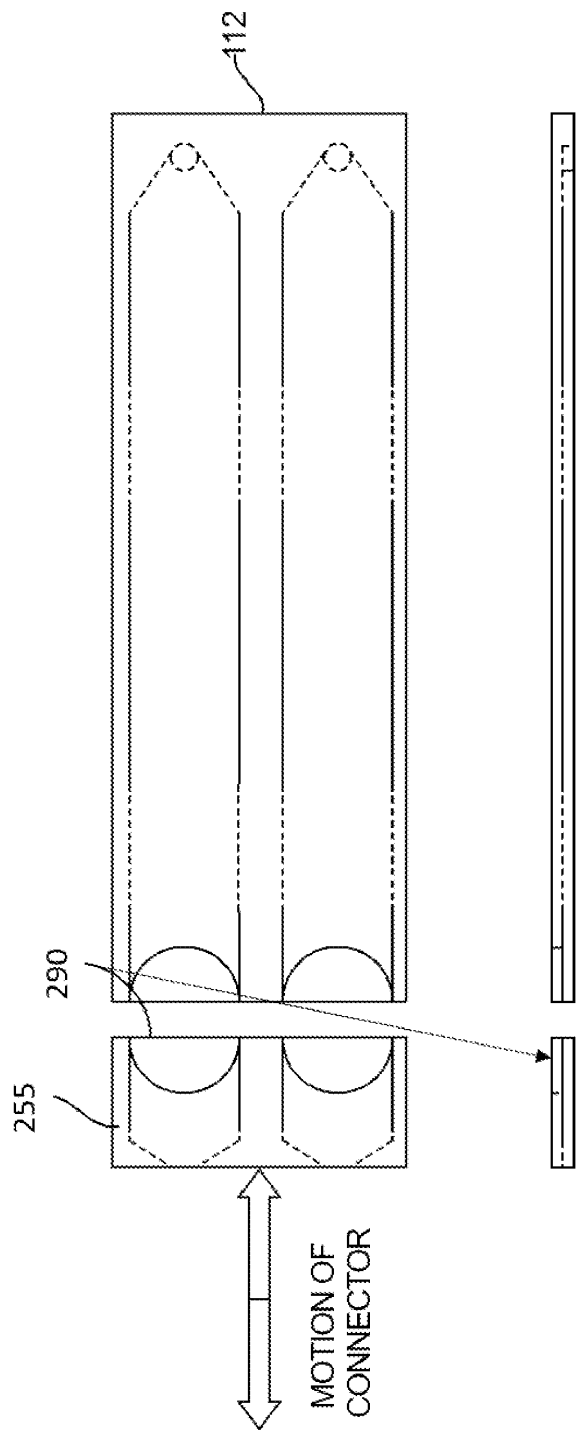


FIG. 4C

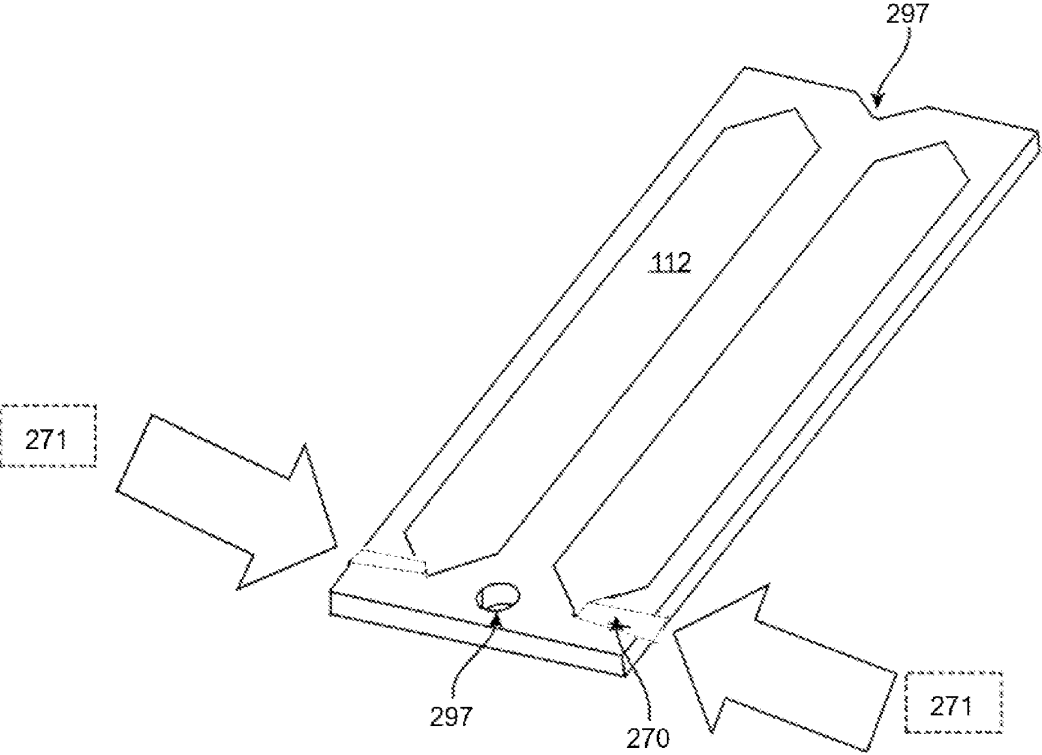


FIG. 5A

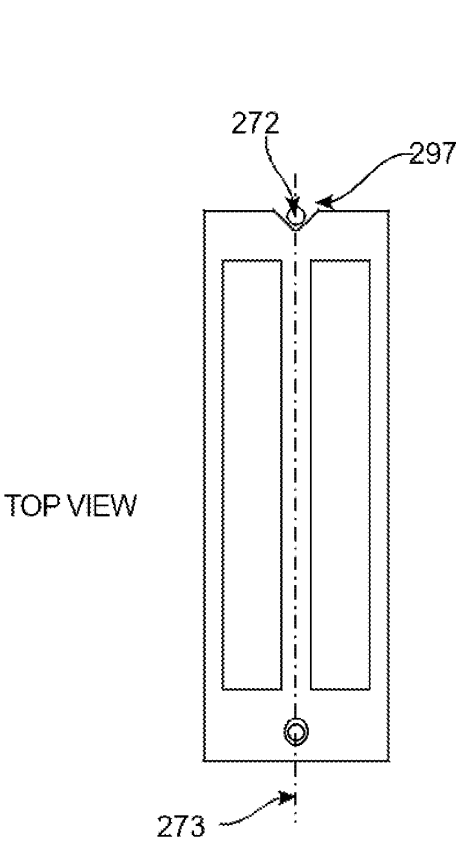


FIG. 5B

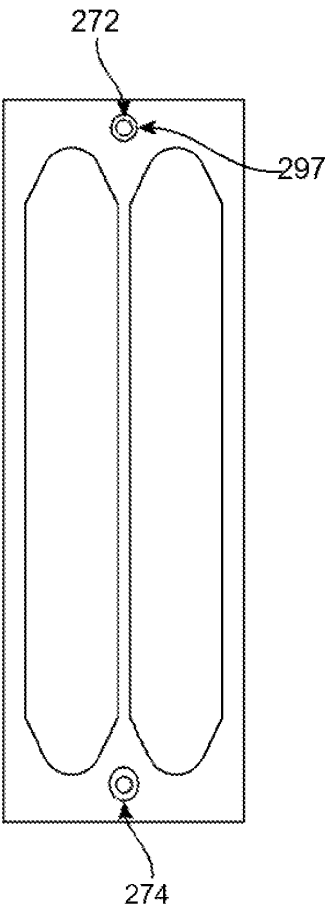


FIG. 5C

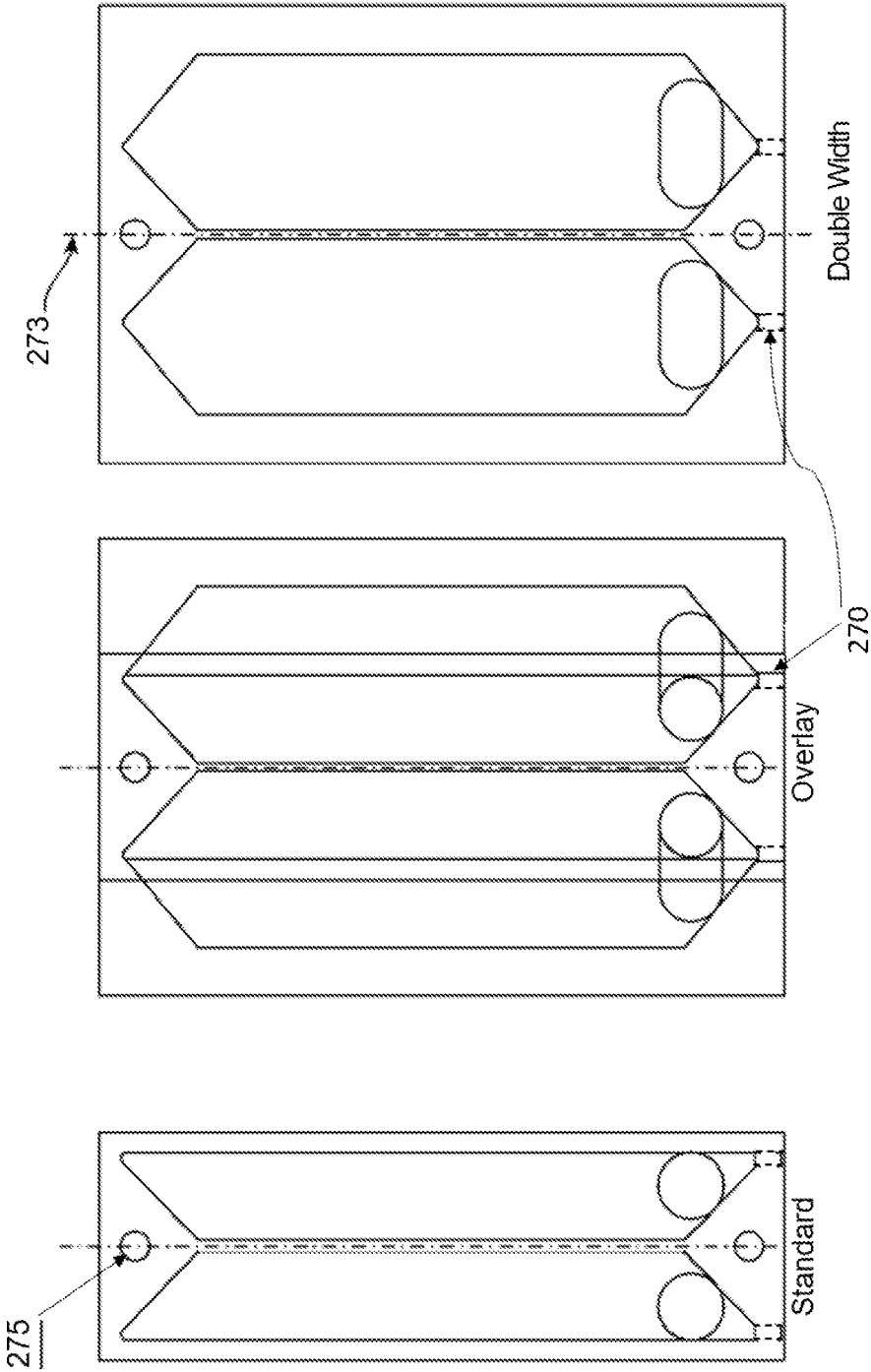


FIG. 5D

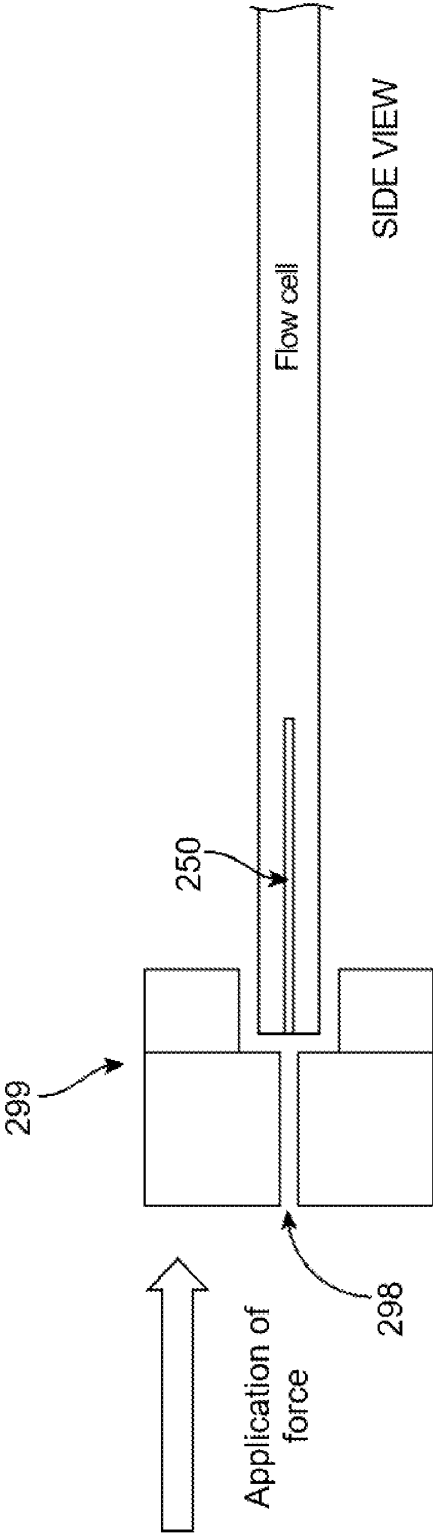


FIG. 6A

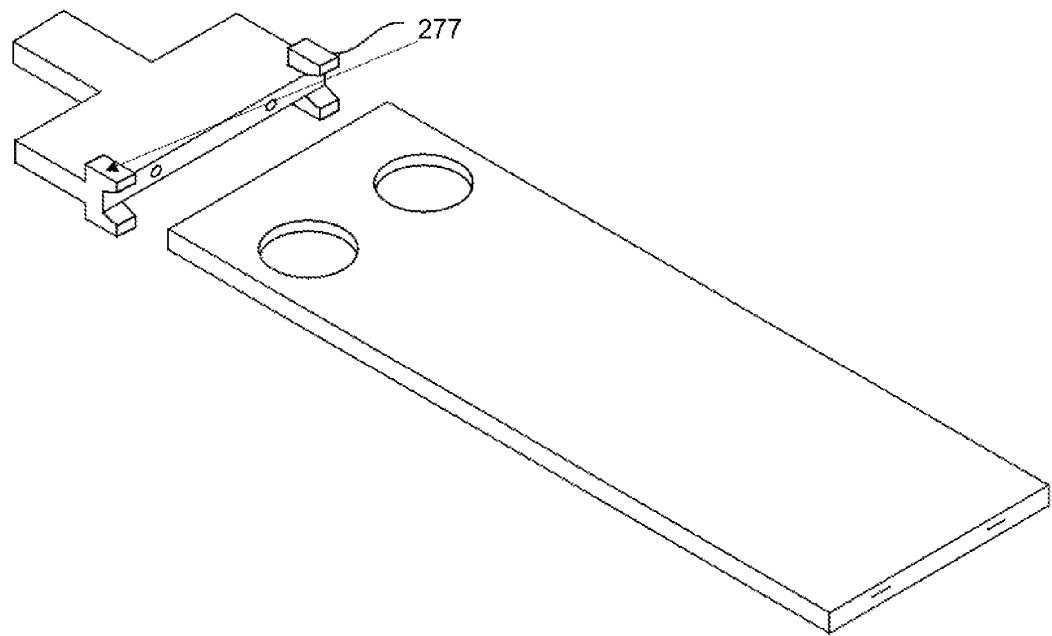


FIG. 6C

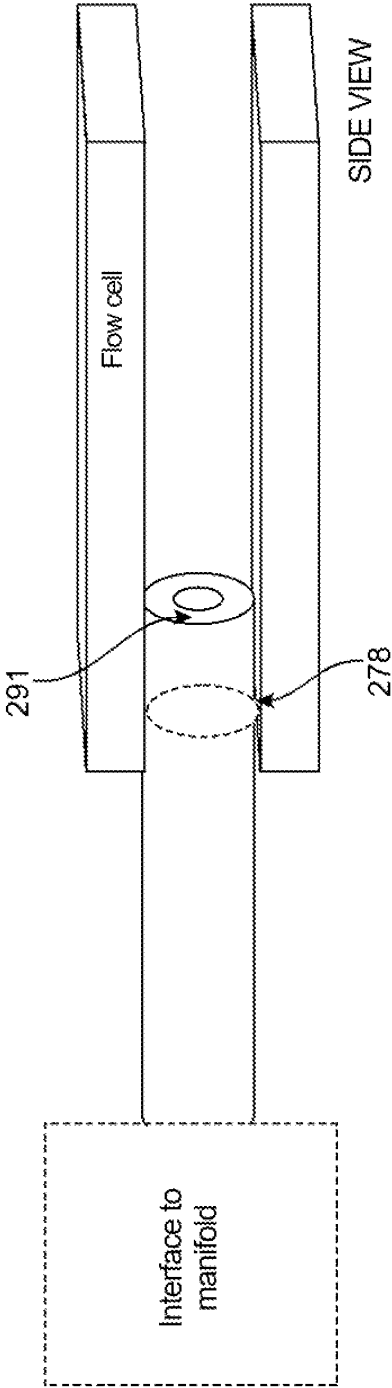


FIG. 7A

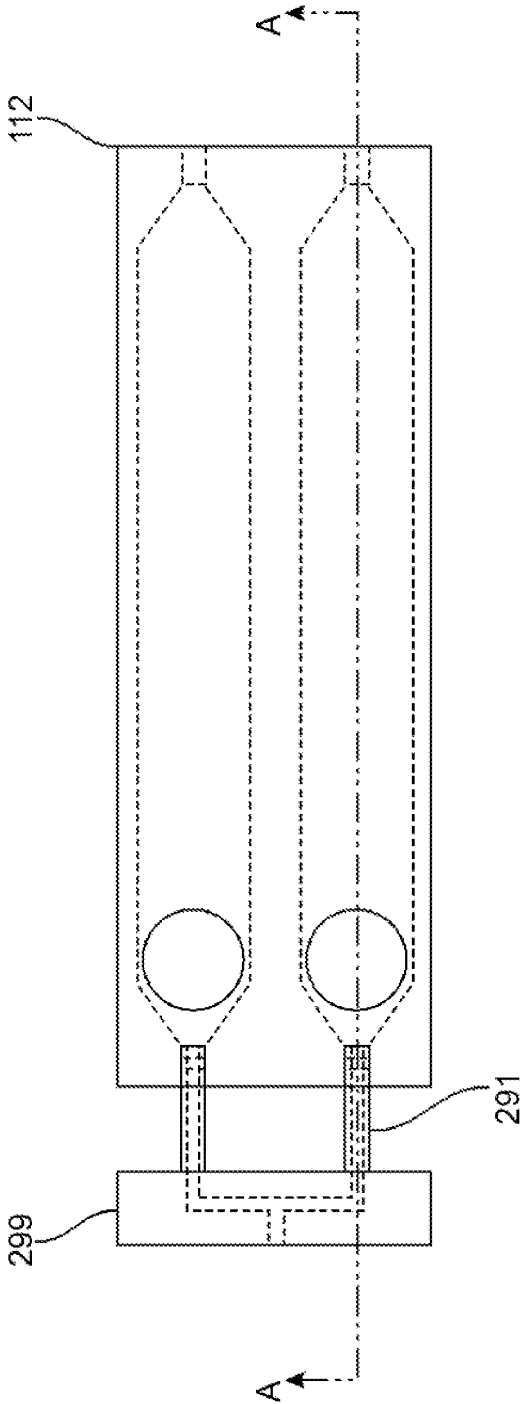
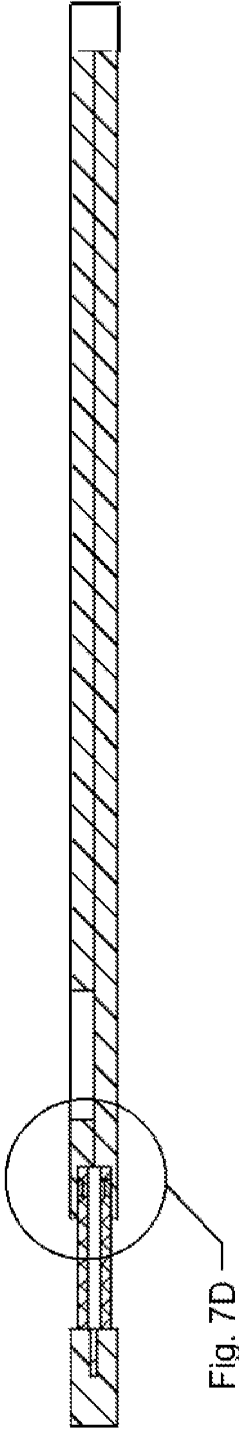


FIG. 7B



SECTION A-A

FIG. 7C

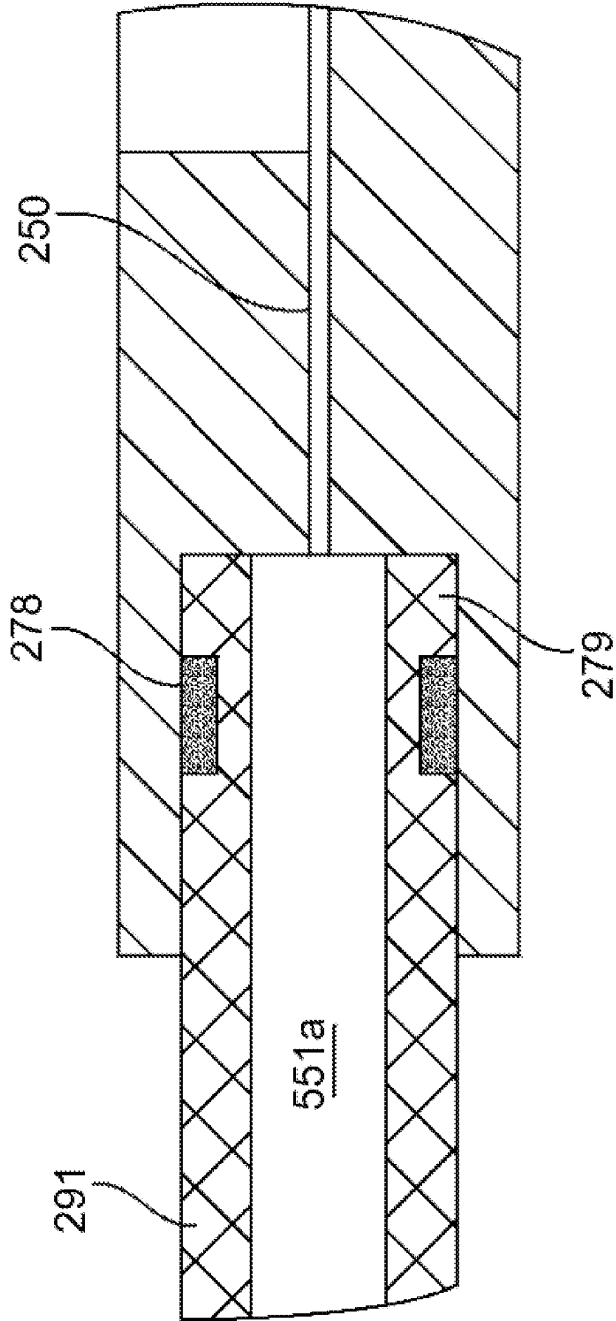


FIG. 7D

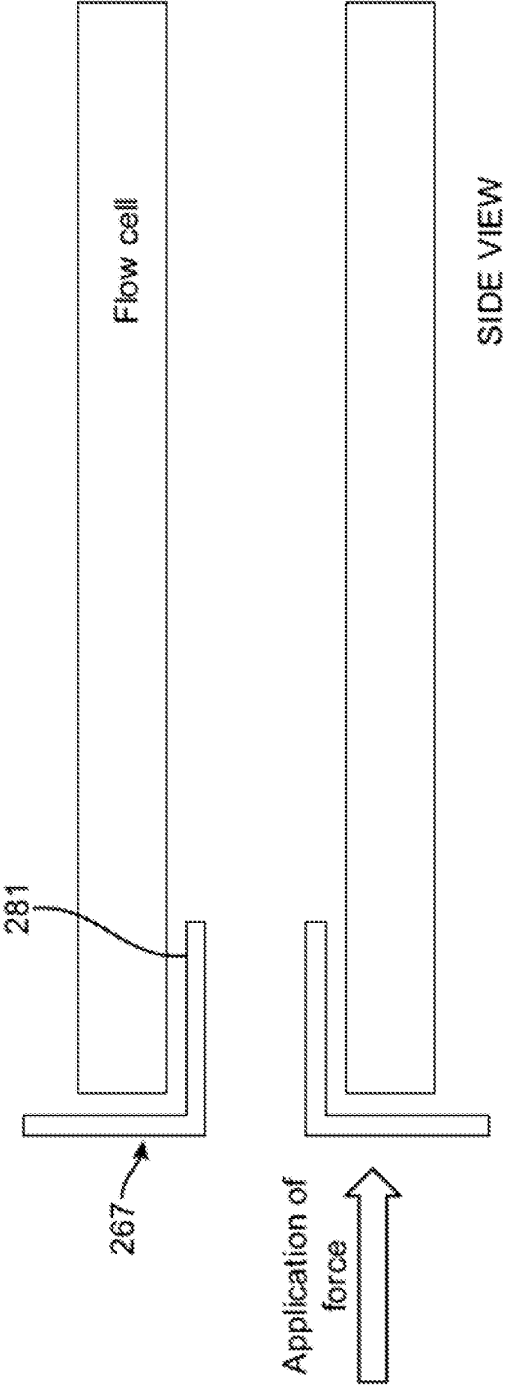


FIG. 8

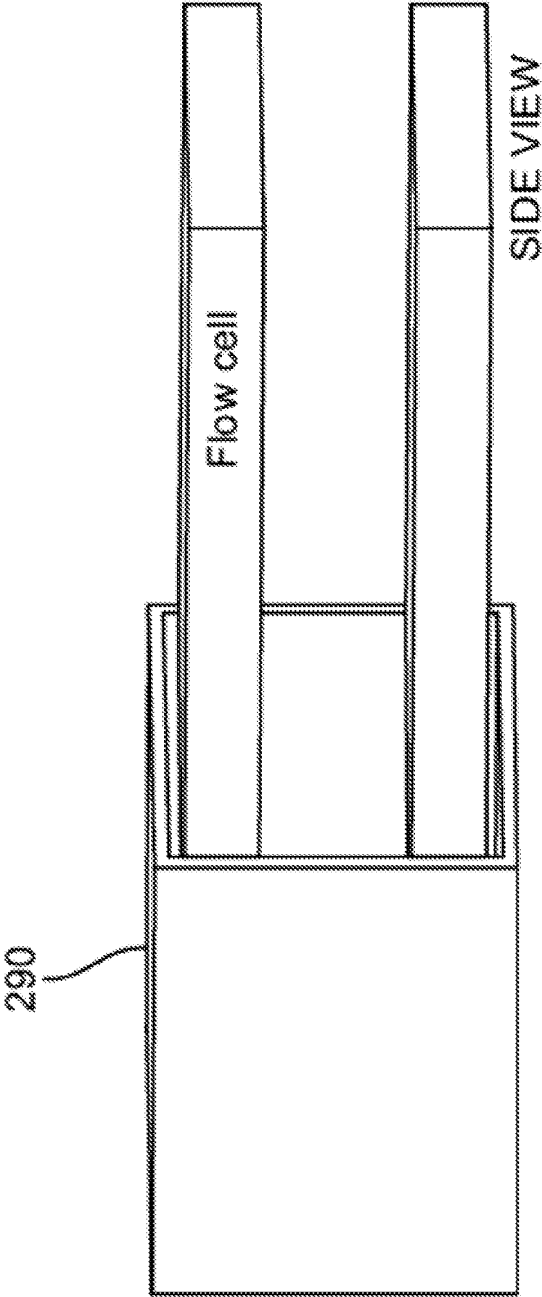


FIG. 9A

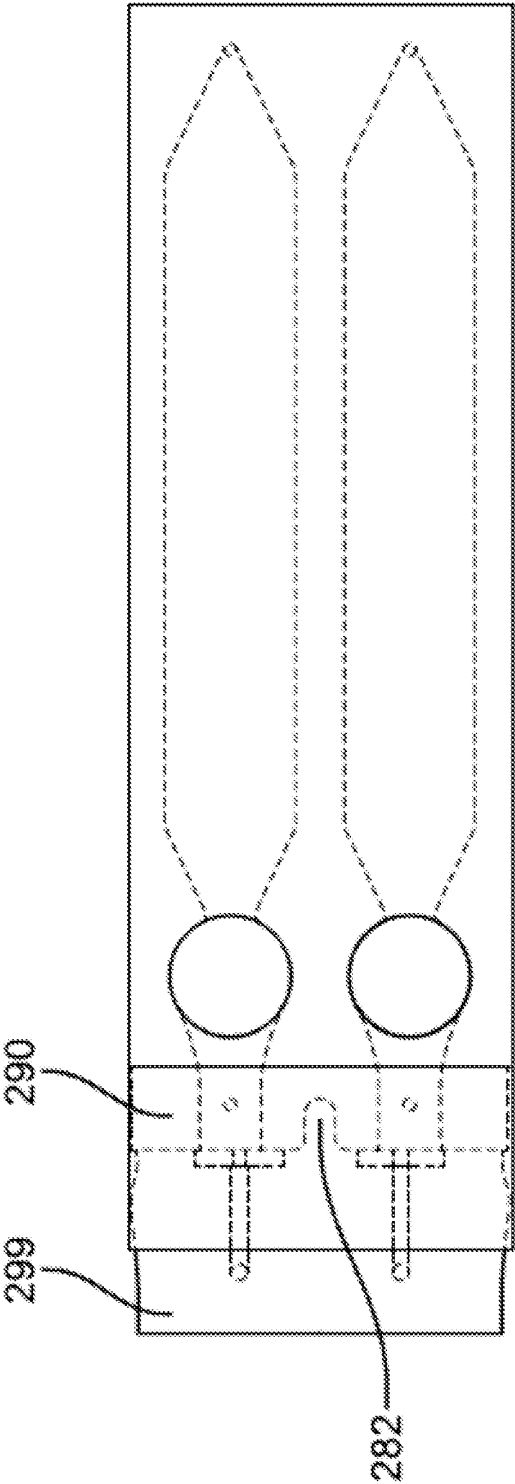
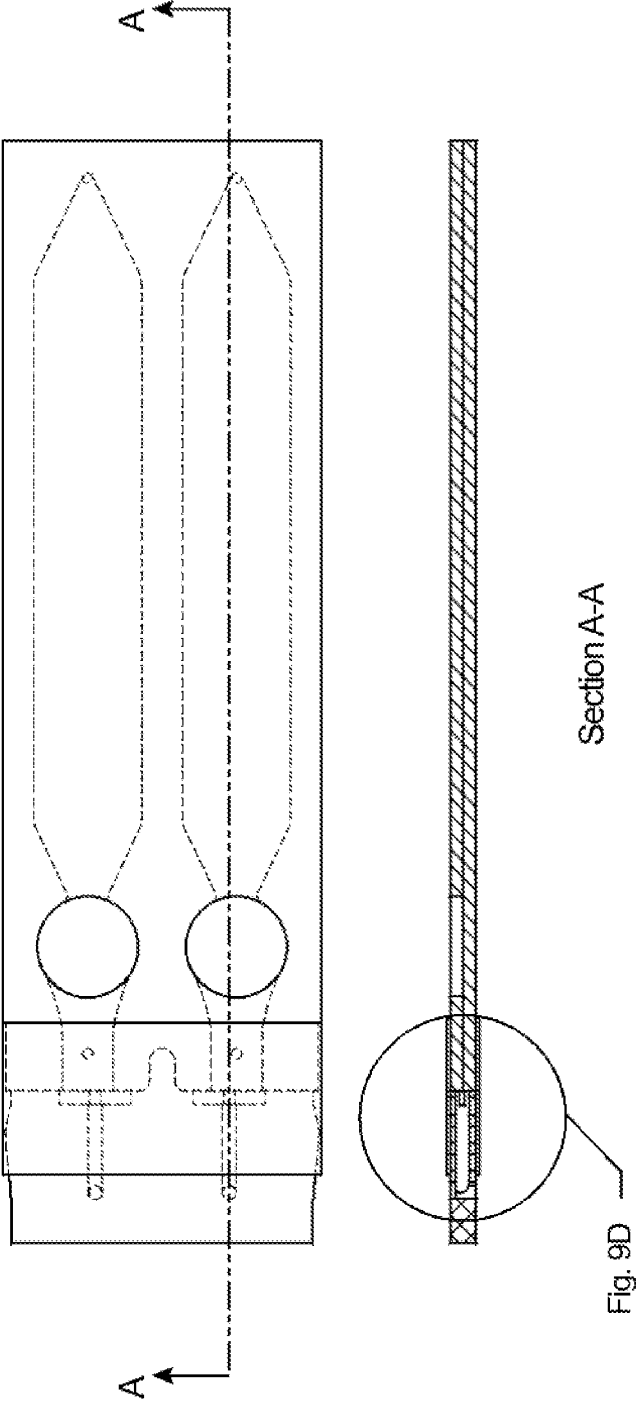


FIG. 9B



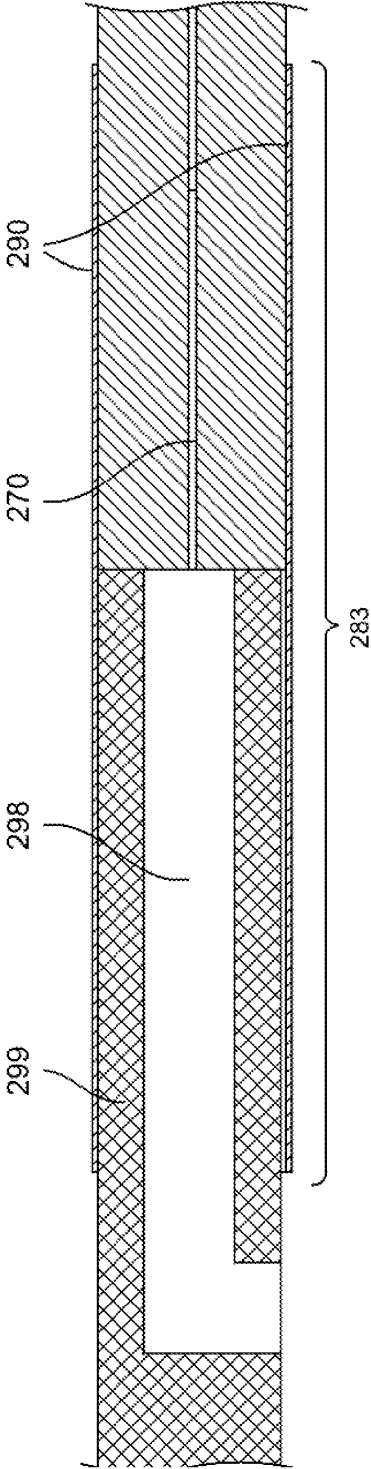


FIG. 9D

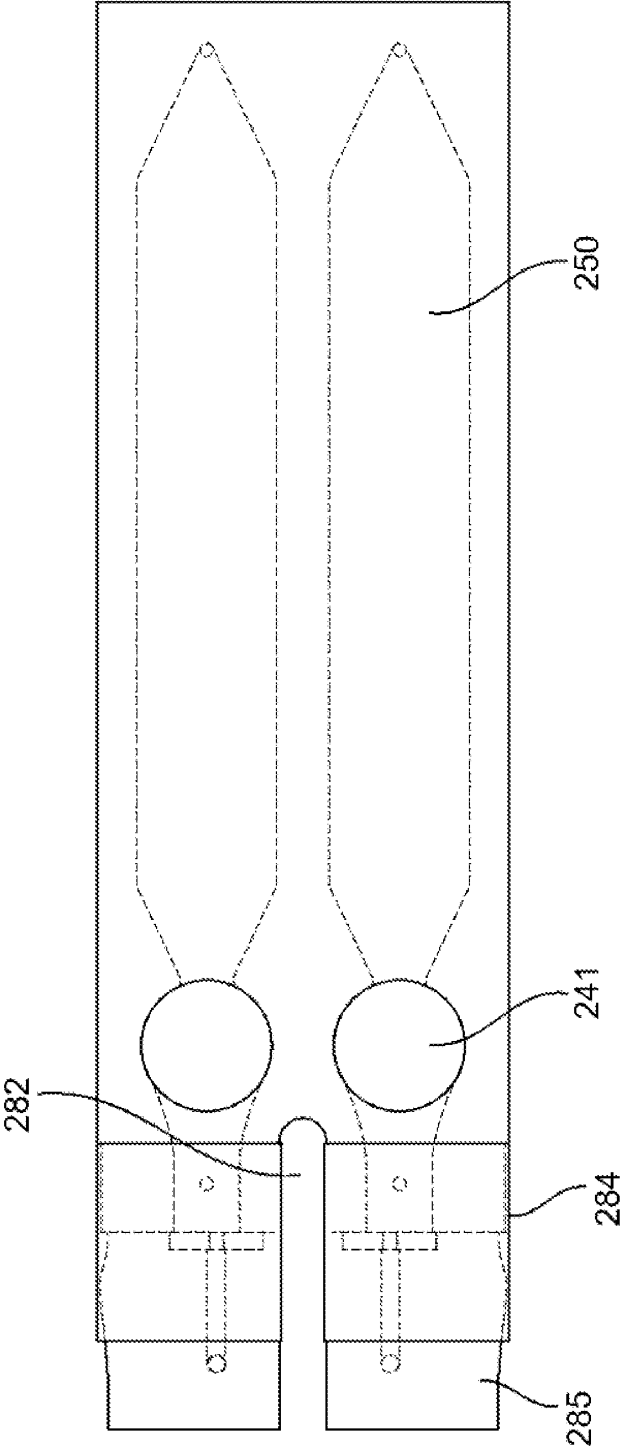


FIG. 9E

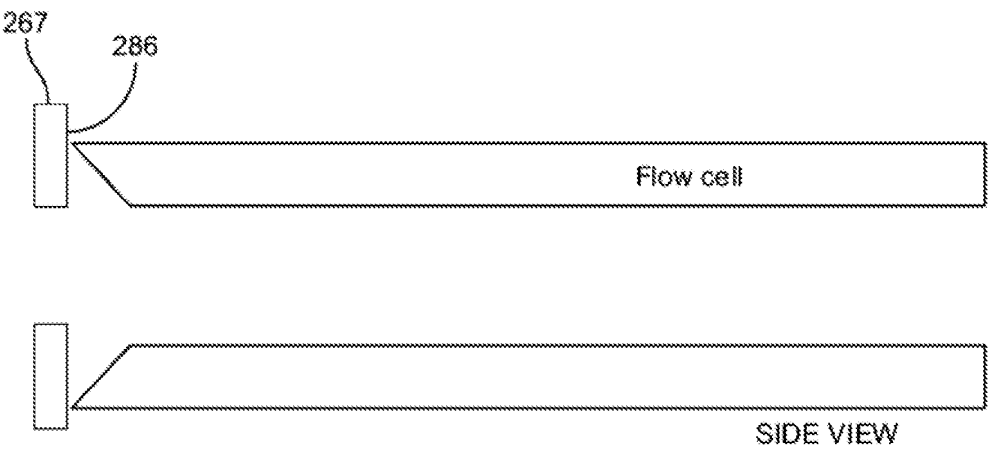


FIG. 10

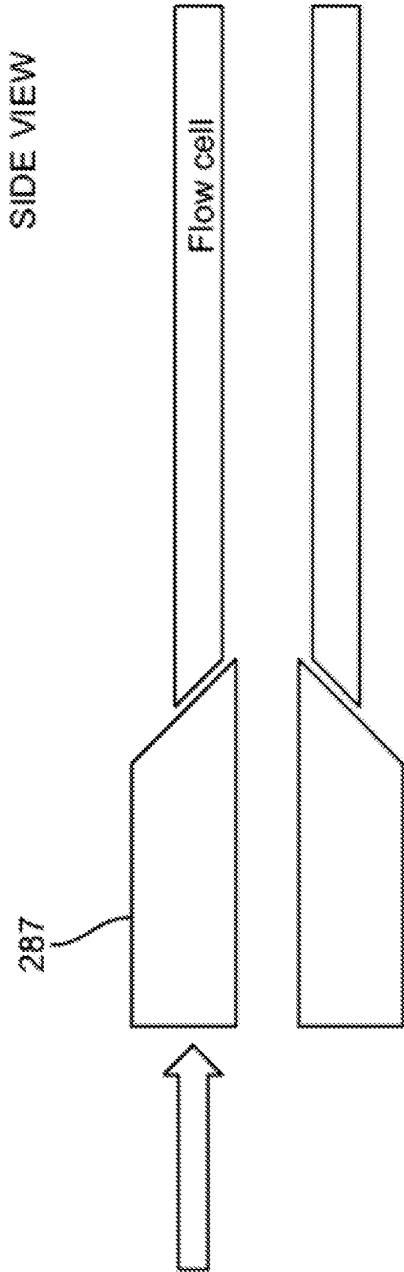


FIG. 11

32/85

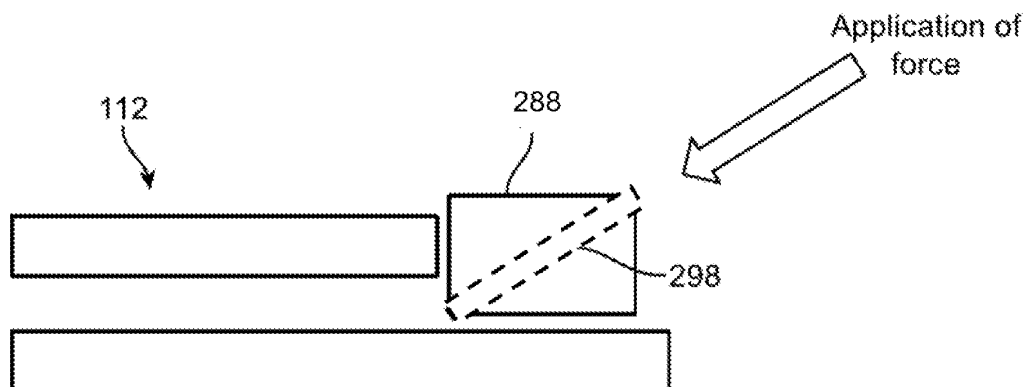


FIG. 12A

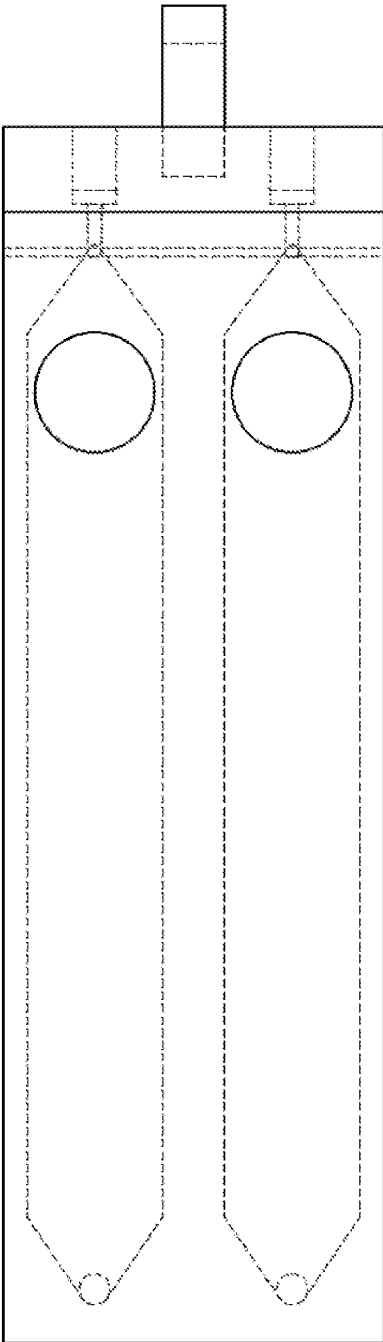


FIG. 12B

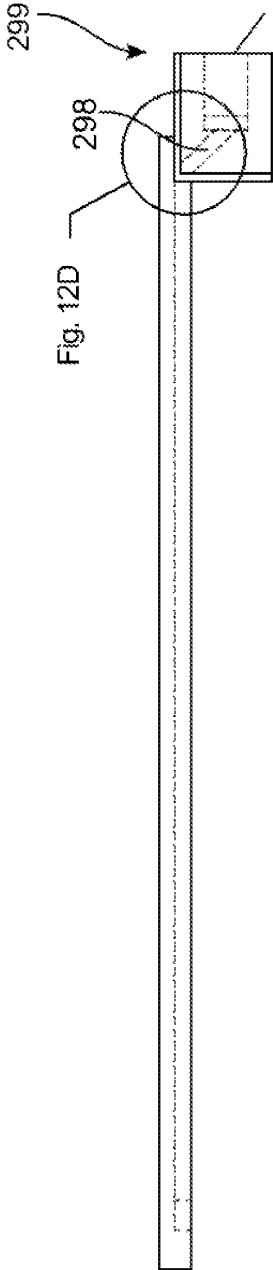


FIG. 12C

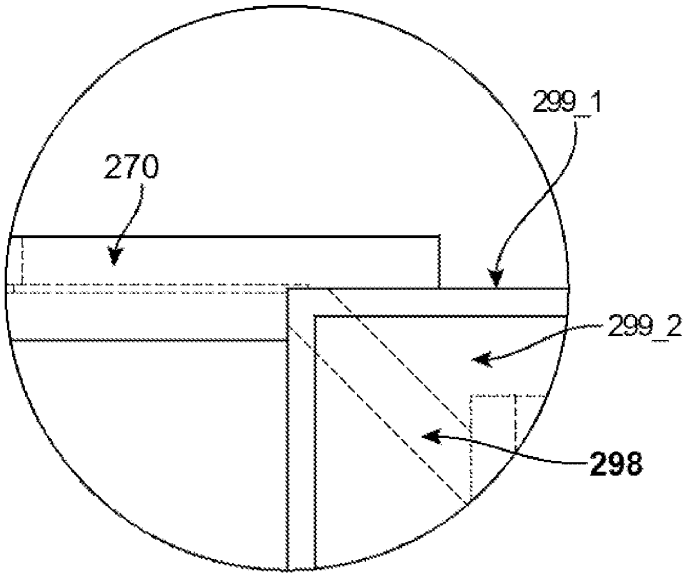


FIG. 12D

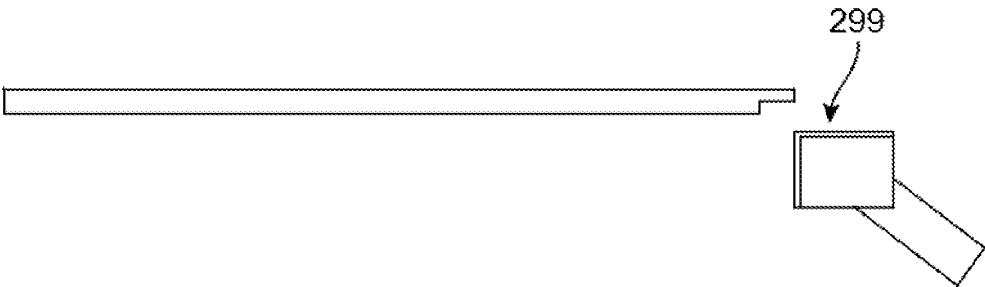


FIG. 12E

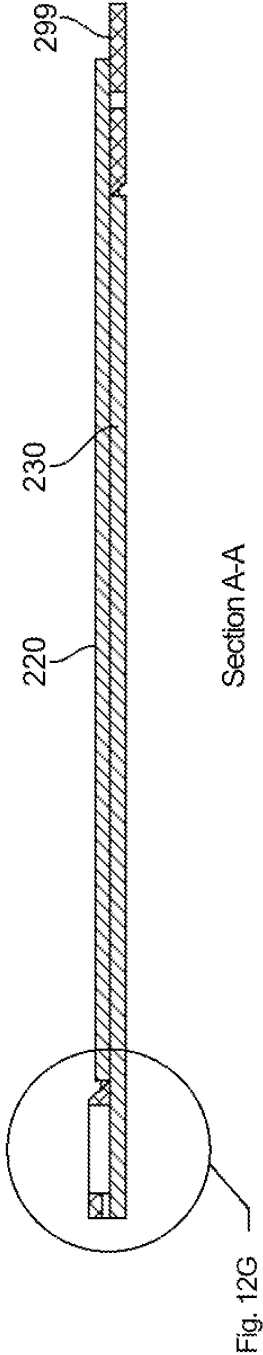
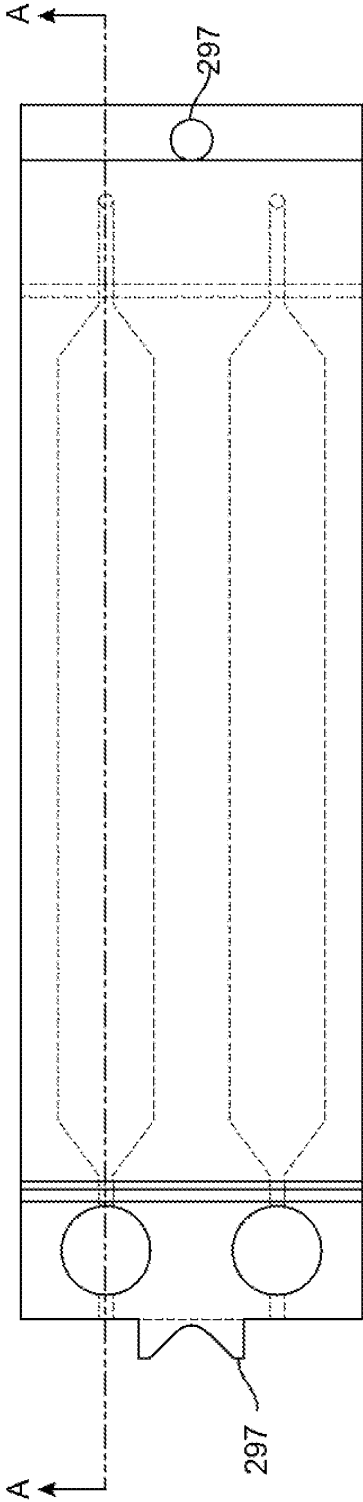


FIG. 12F

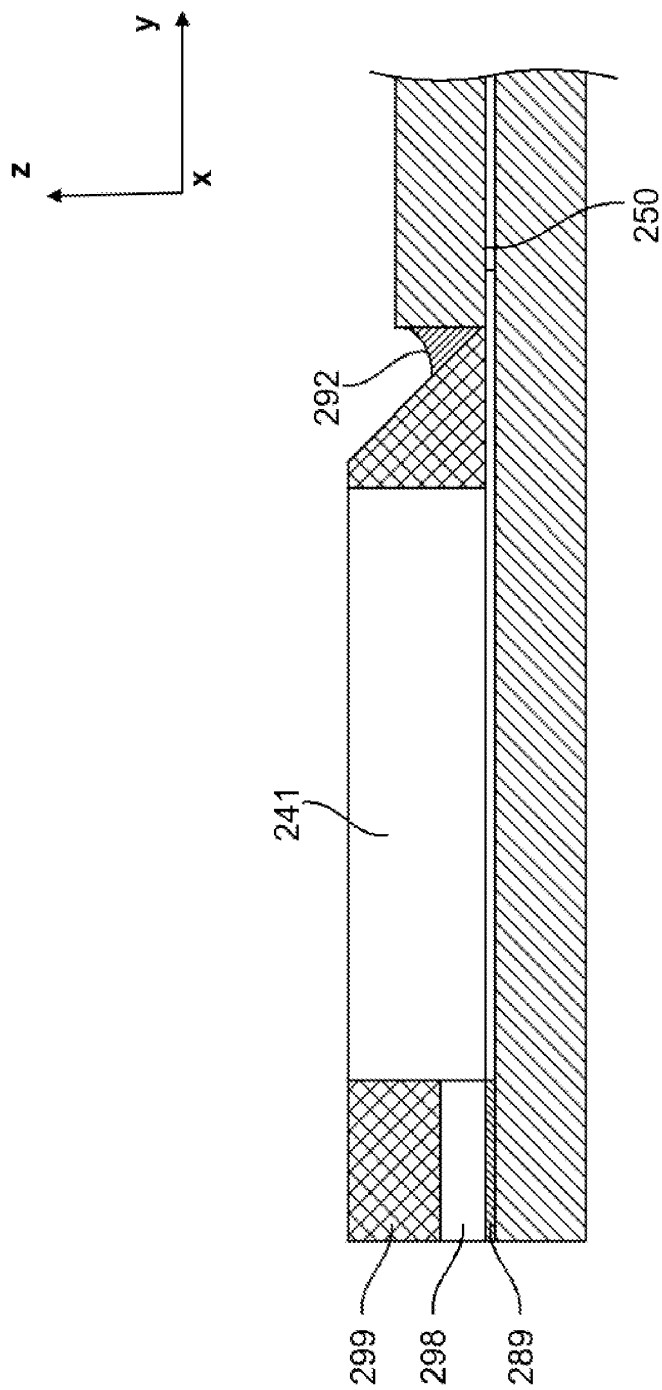
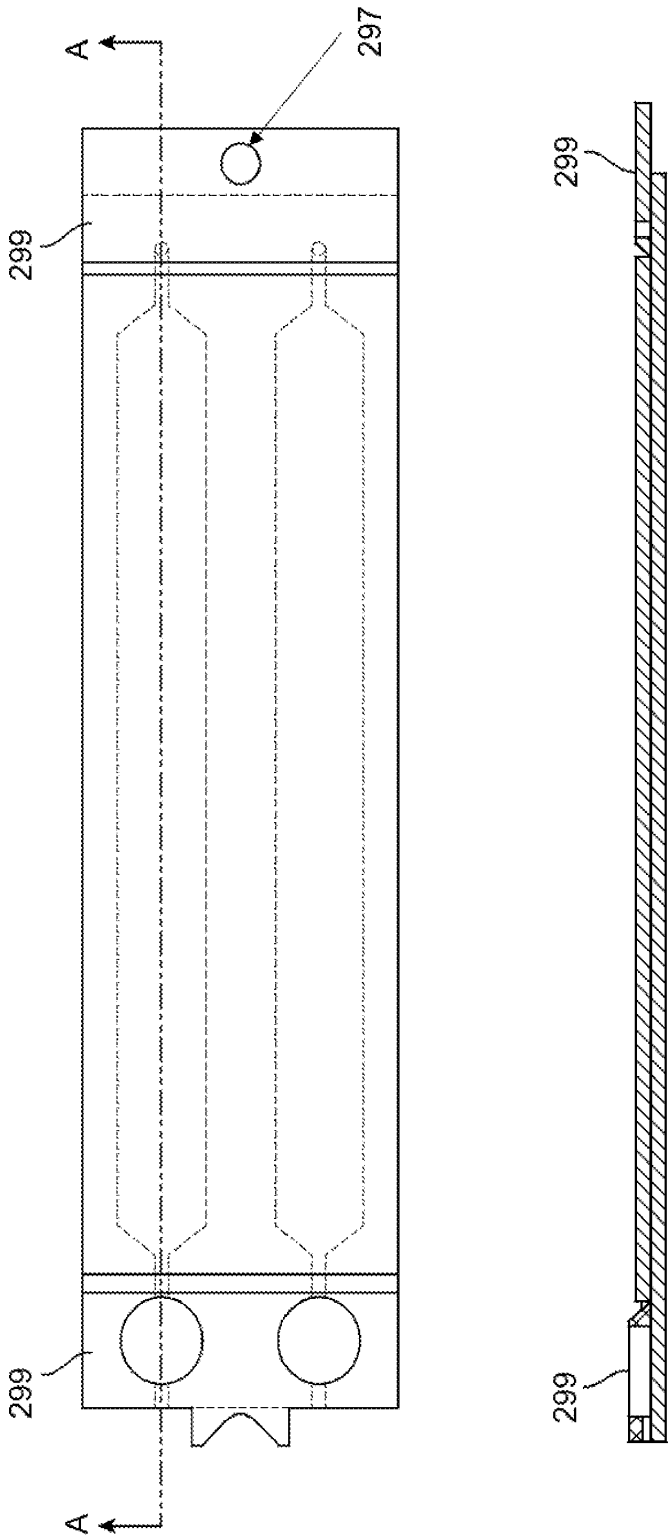
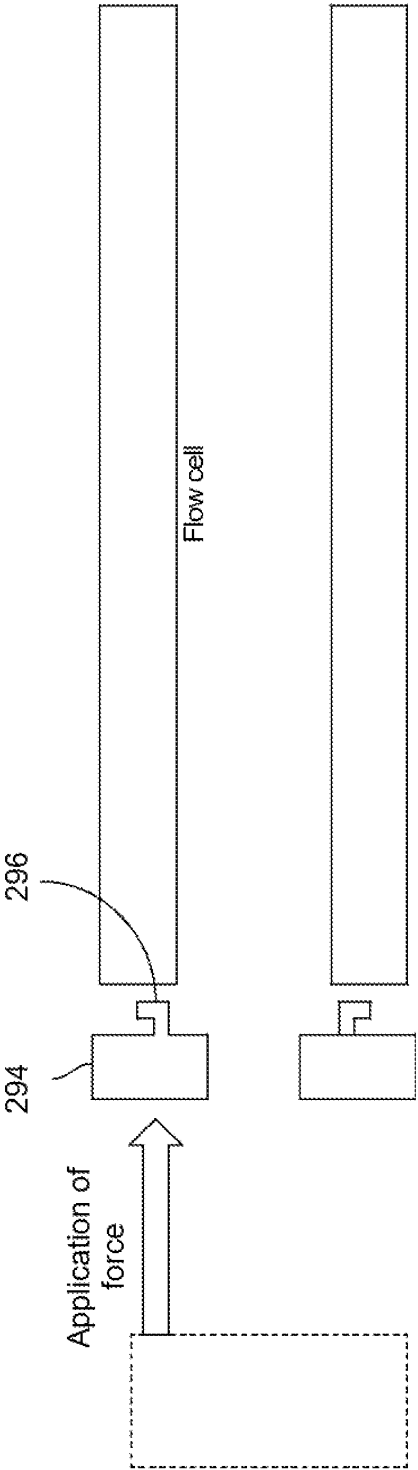


FIG. 12G



Section A-A

FIG. 12H



SIDE VIEW

FIG. 13

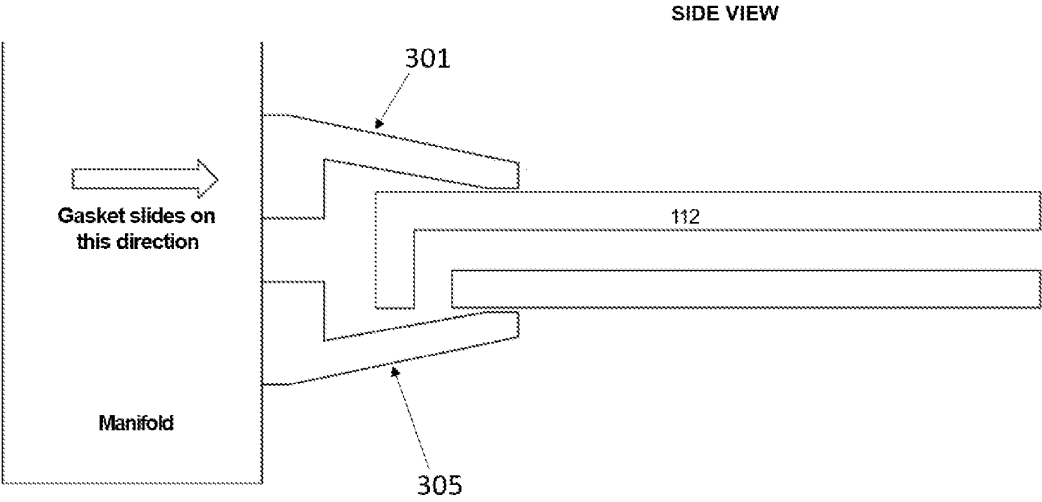


FIG. 14A

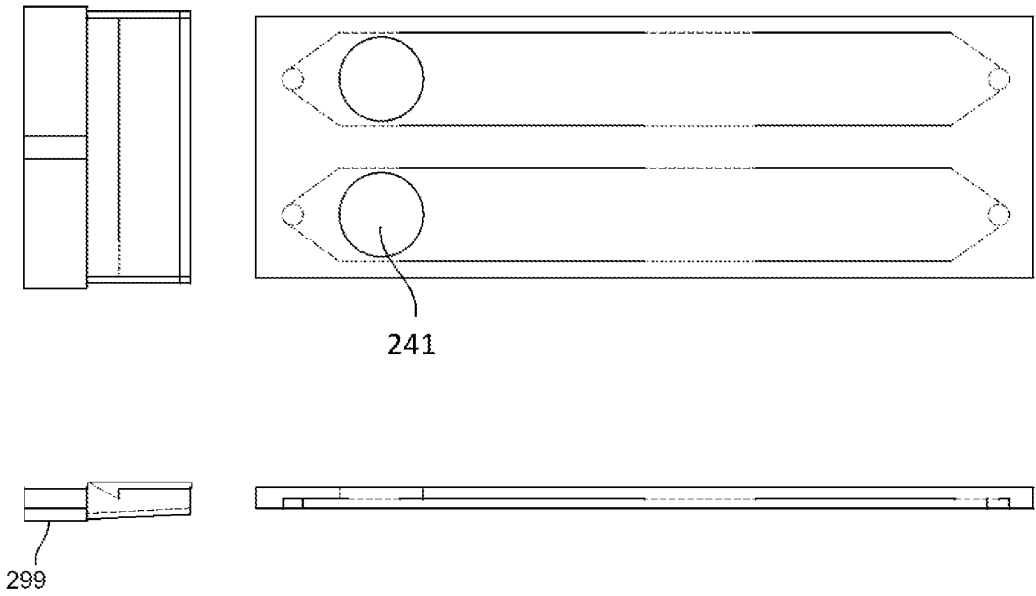
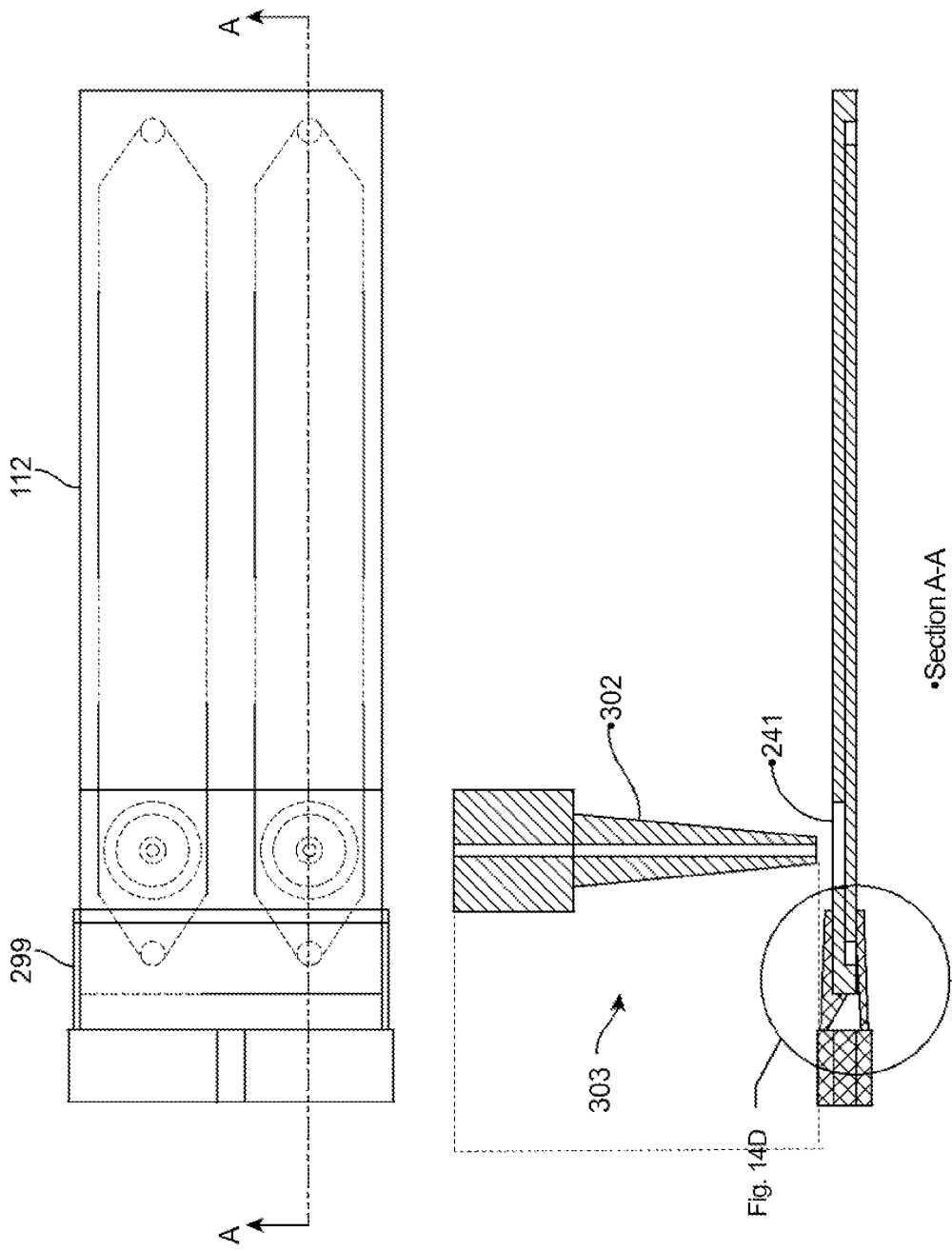


FIG. 14B



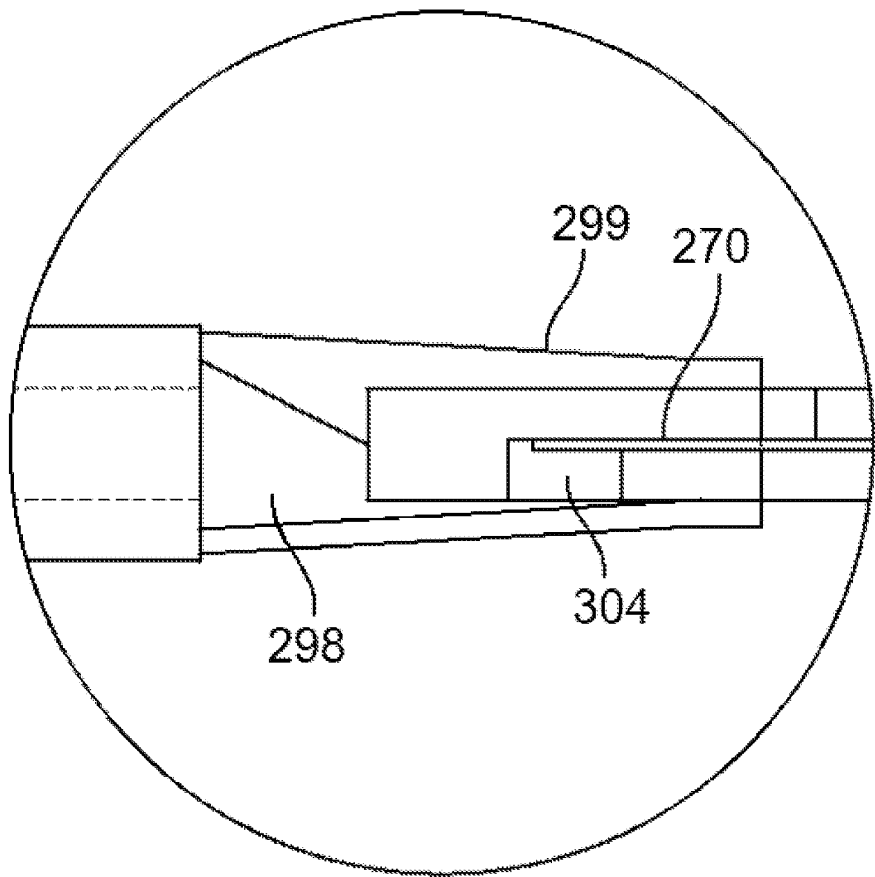


FIG. 14D

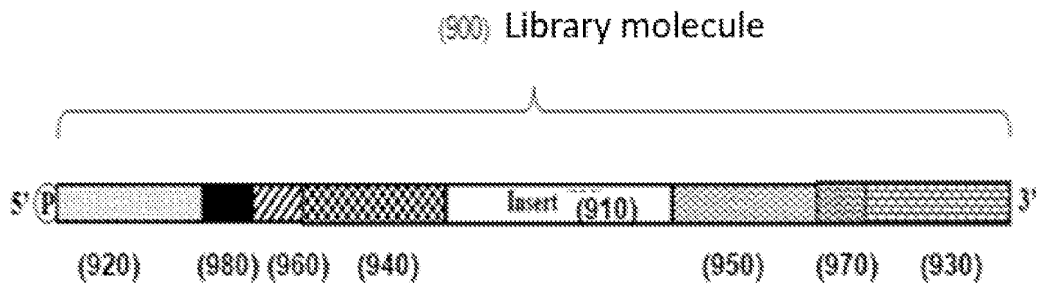


FIG. 15

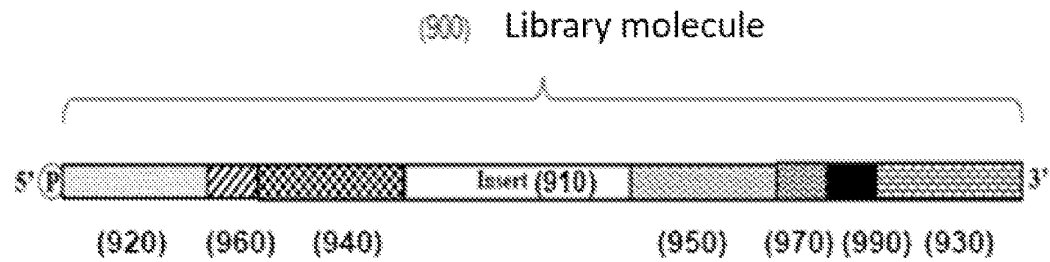


FIG. 16

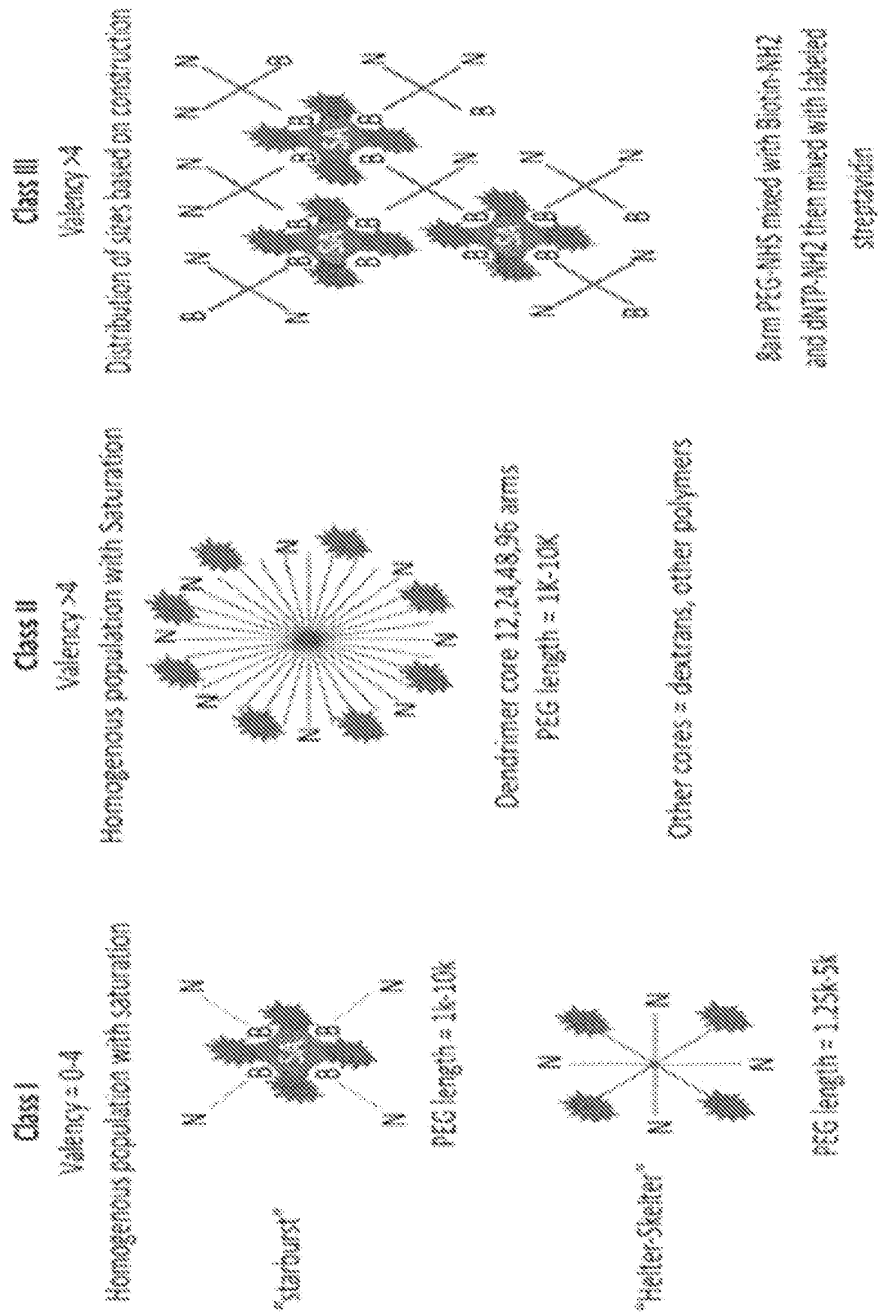


FIG. 17

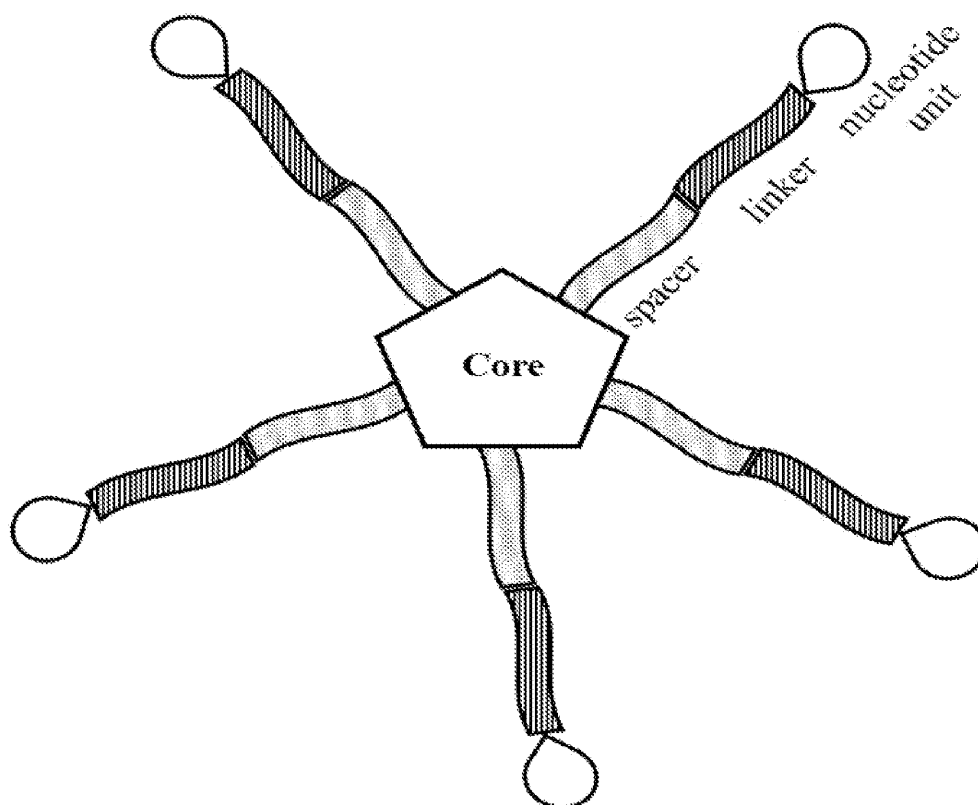


FIG. 18

46/85

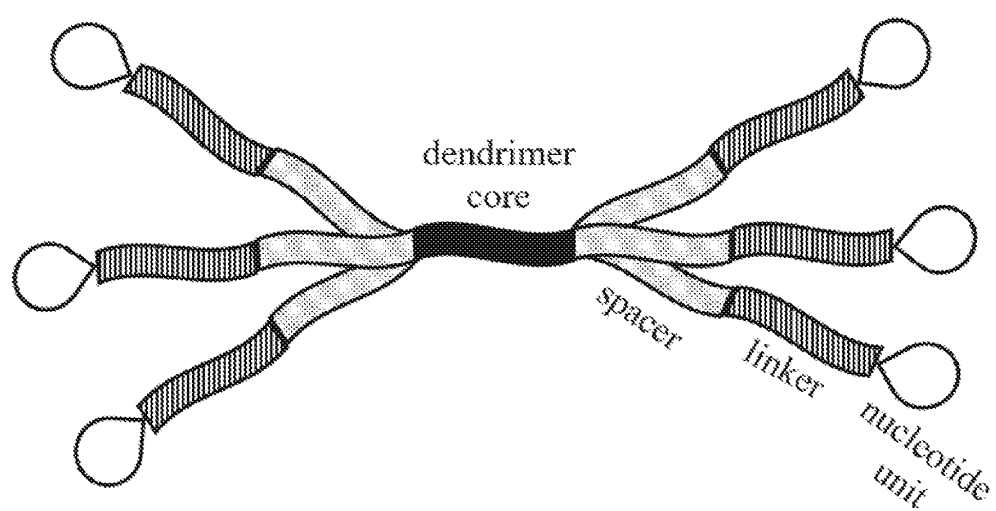


FIG. 19

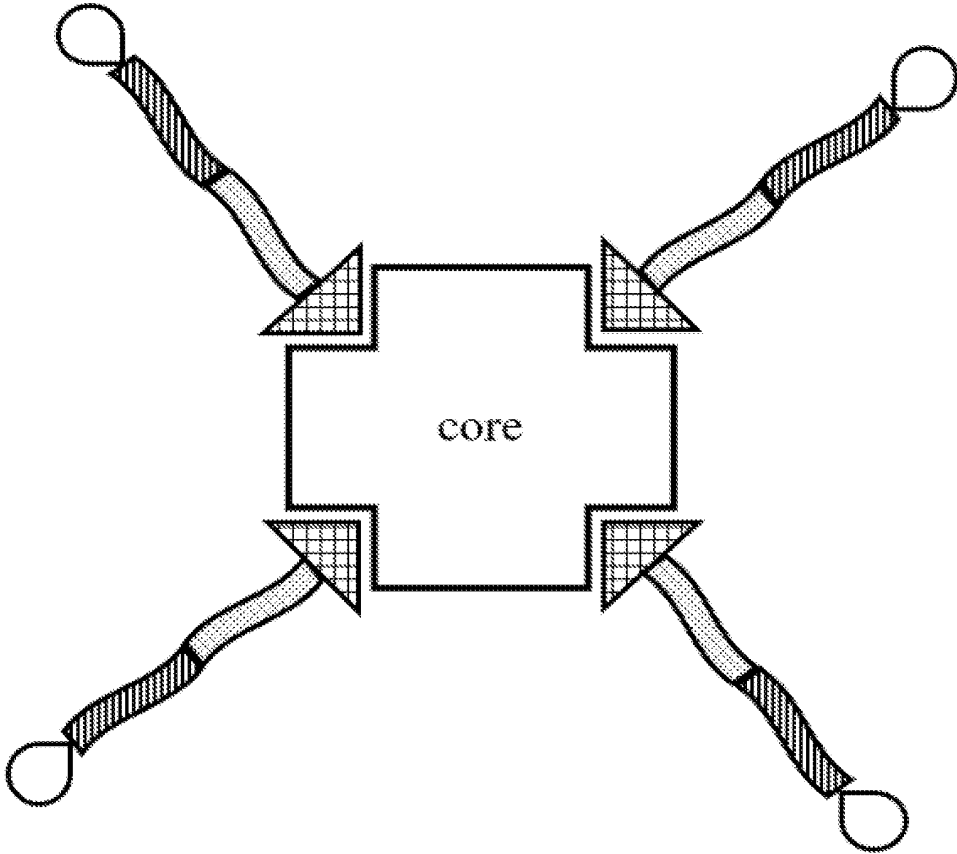


FIG. 20

48/85

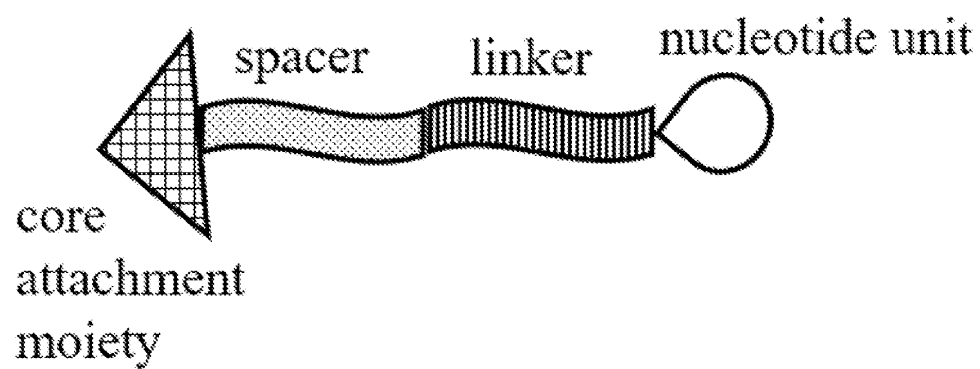
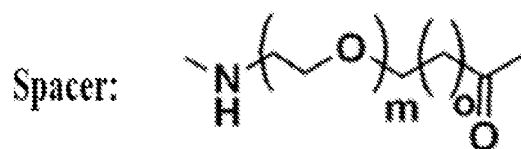


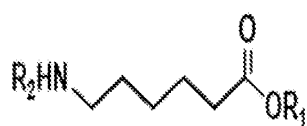
FIG. 21

49/85

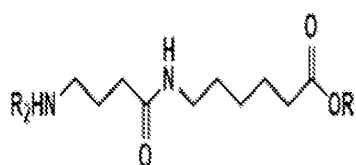


Linkers:

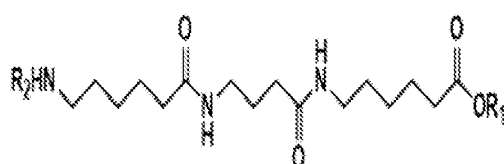
11 atom Linker:



16 atom Linker:



23 atom Linker:



N3 Linker:

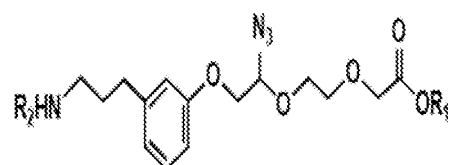


FIG. 22

50/85

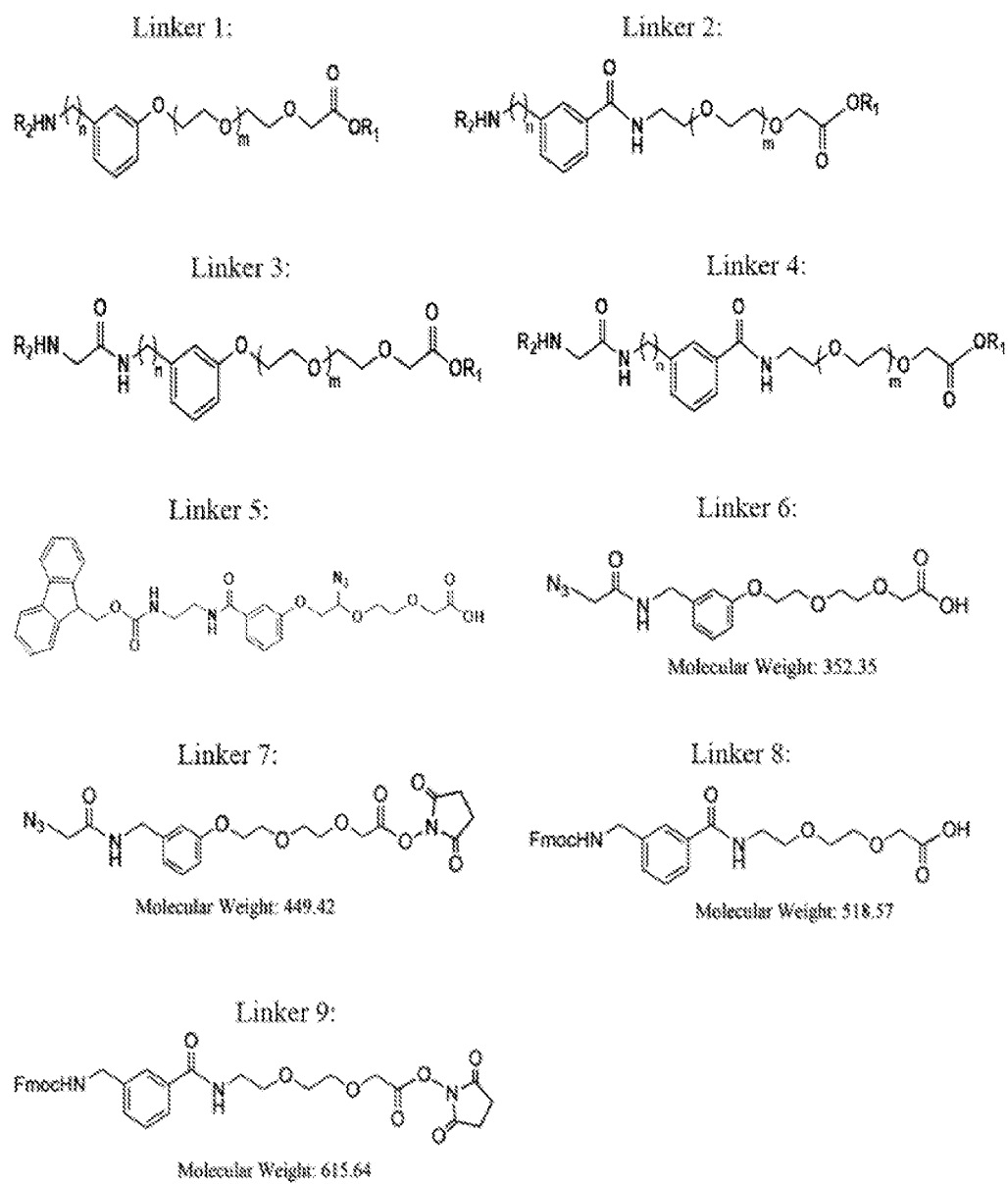


FIG. 23

51/85

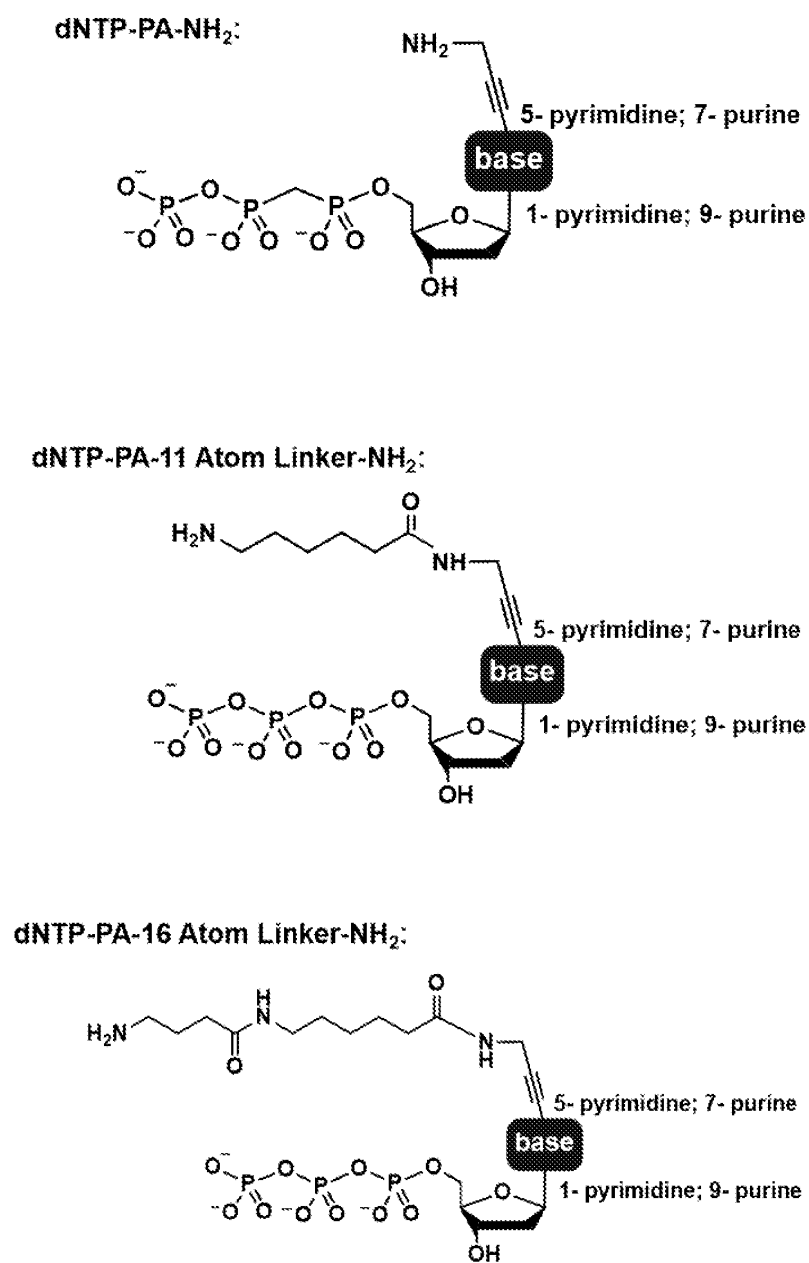
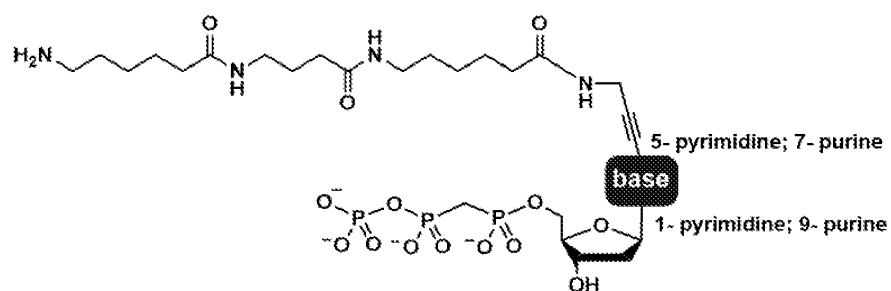
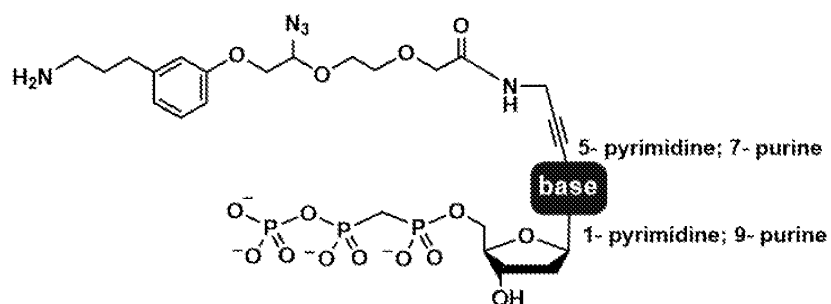
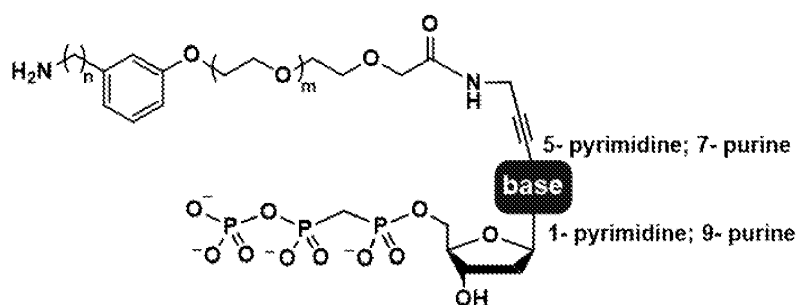


FIG. 24

52/85

dNTP-PA-23 Atom Linker-NH₂:**dNTP-PA-N3 Linker-NH₂:****dNTP-PA-Linker 1-NH₂:****FIG. 25**

53/85

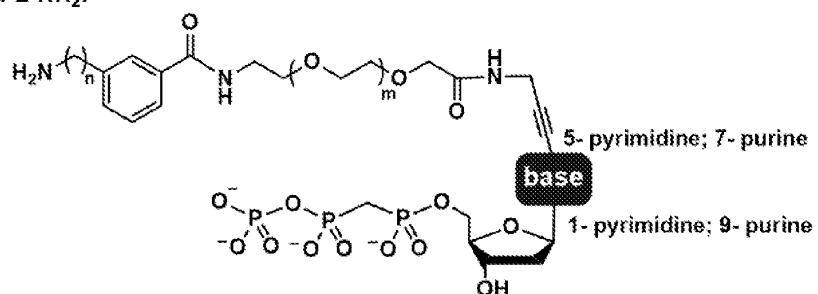
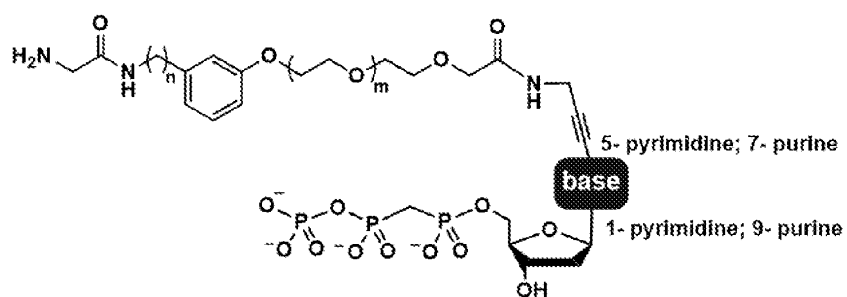
dNTP-PA-Linker 2-NH₂:dNTP-PA-Linker 3-NH₂:

FIG. 26

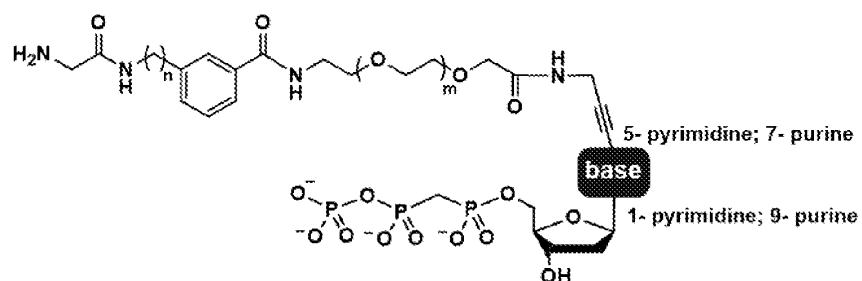
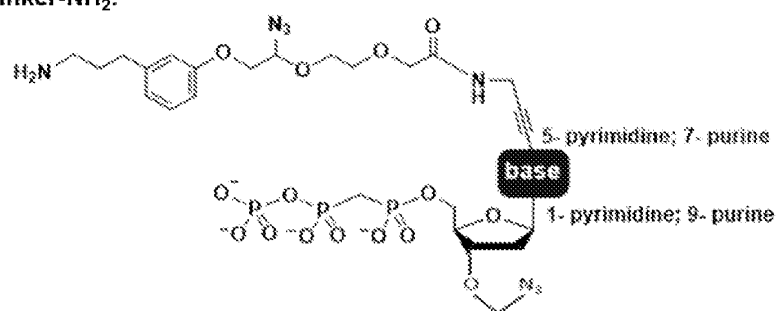
dNTP-PA-Linker 4-NH₂:dNTP-PA-N3 Linker-NH₂:

FIG. 27

55/85

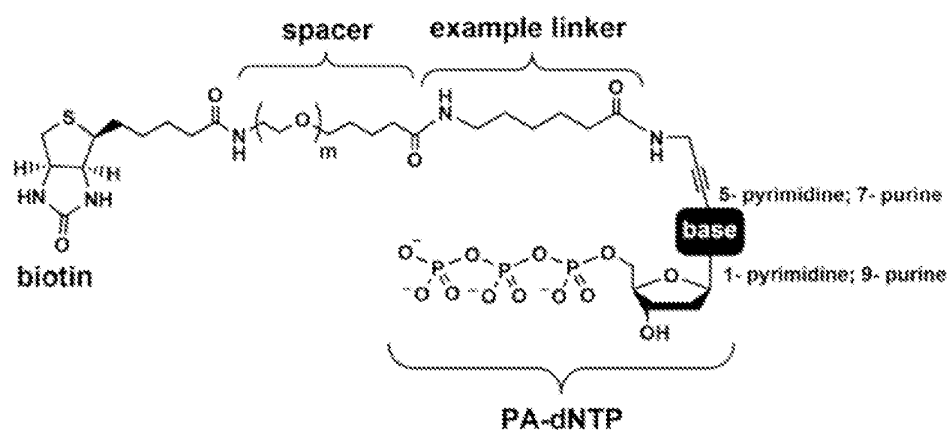


FIG. 28

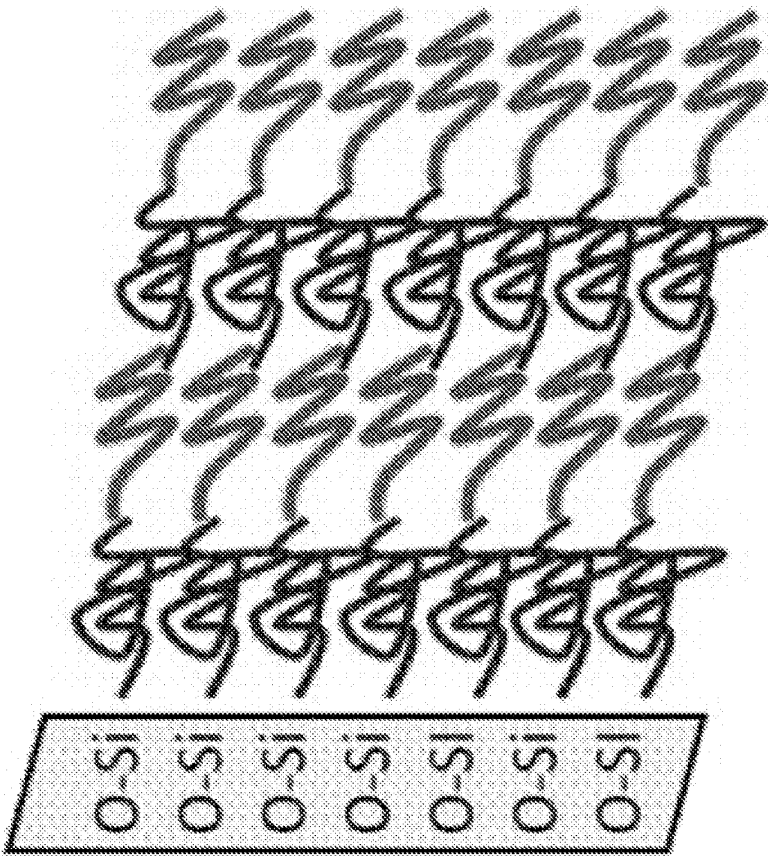


FIG. 29

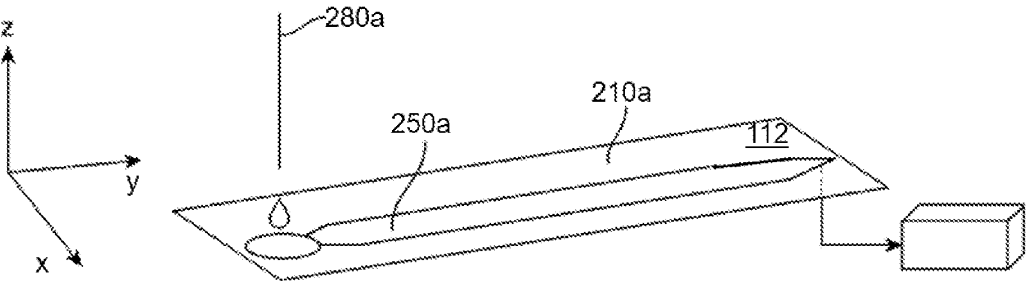


FIG. 30

58/85

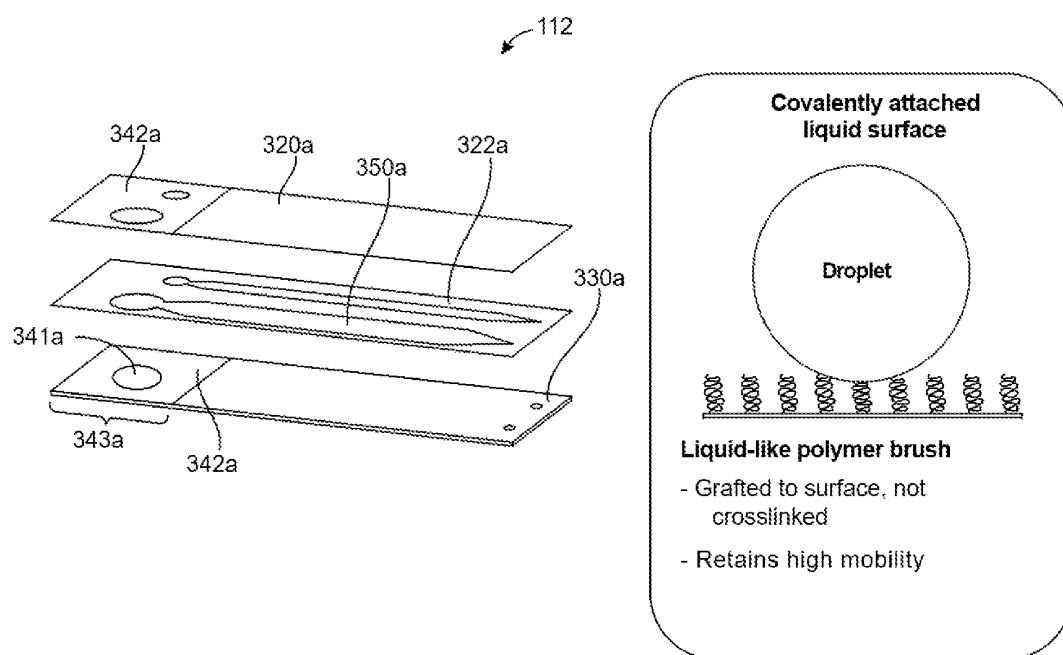


FIG. 31

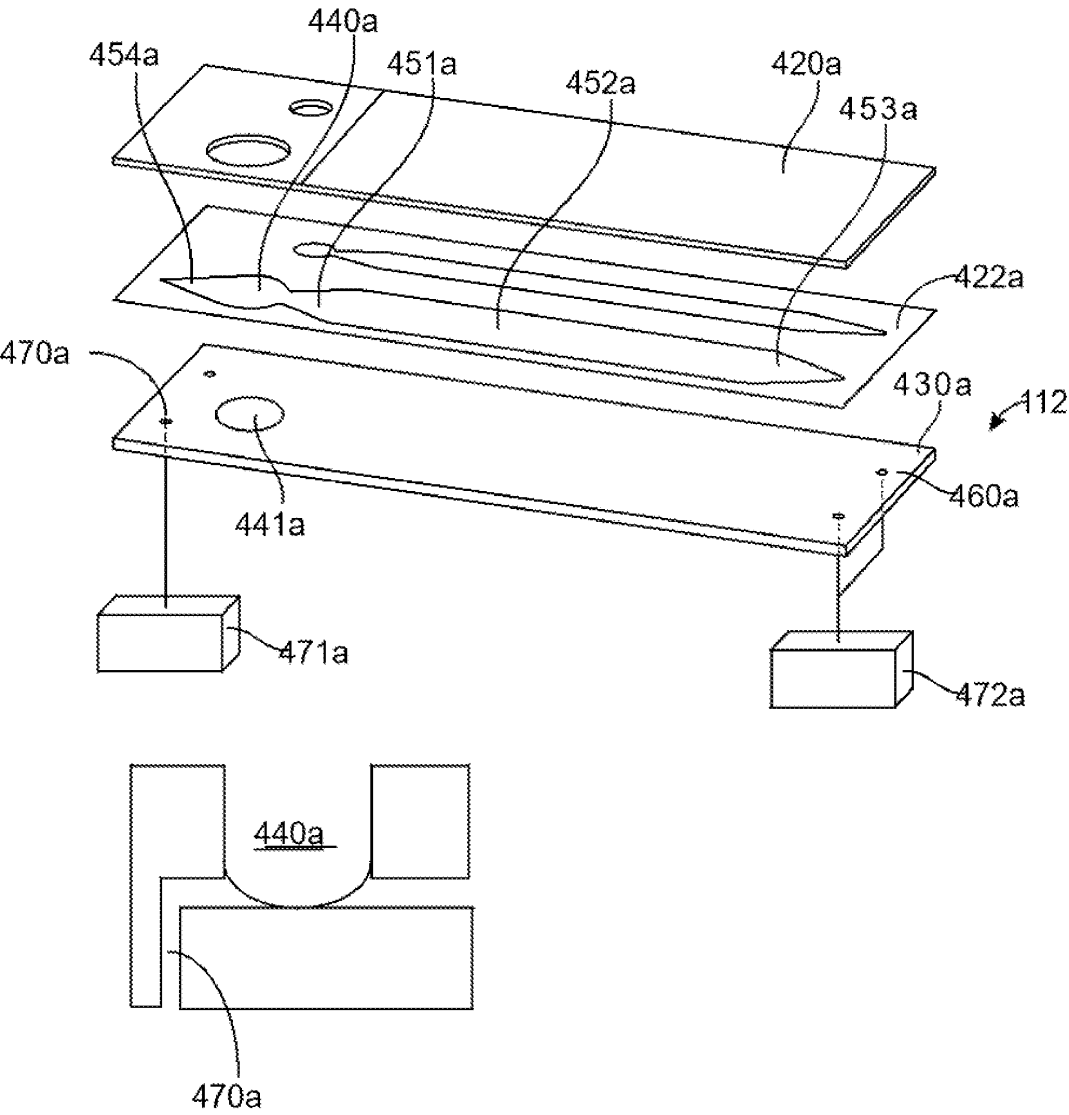


FIG. 32

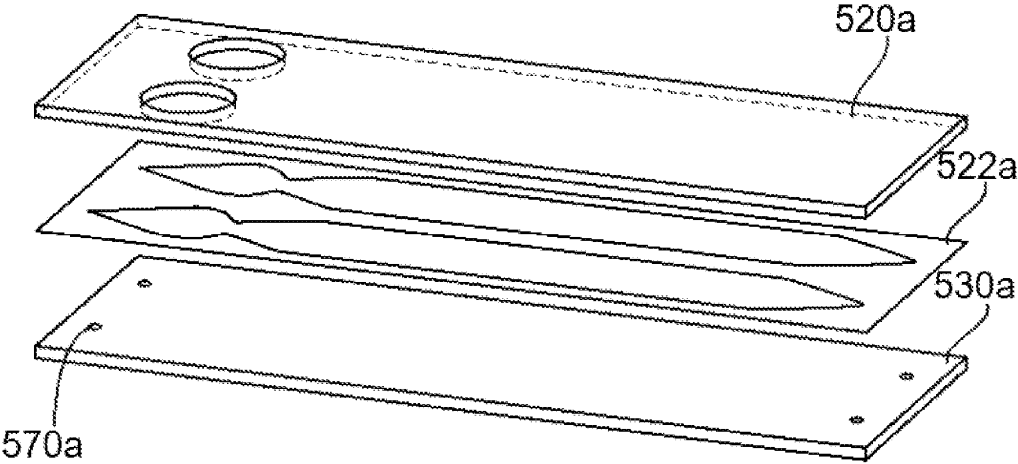


FIG. 33A

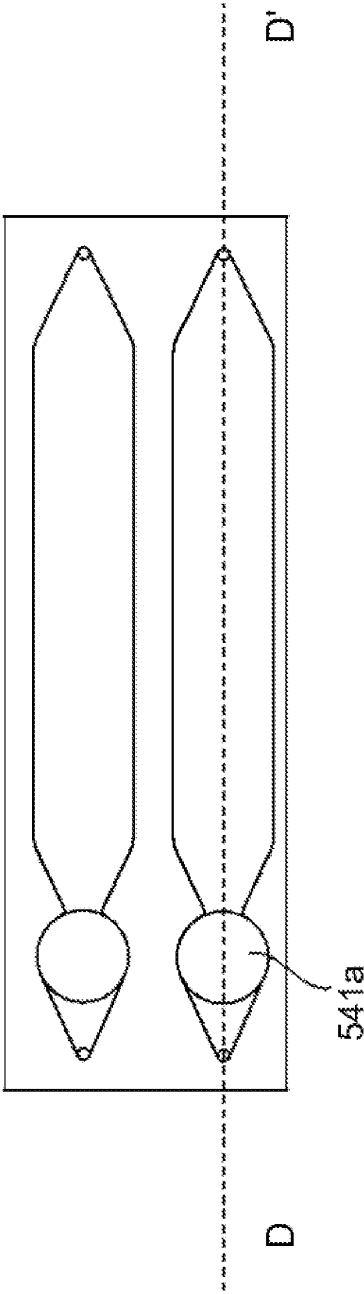


FIG. 33B

63/85

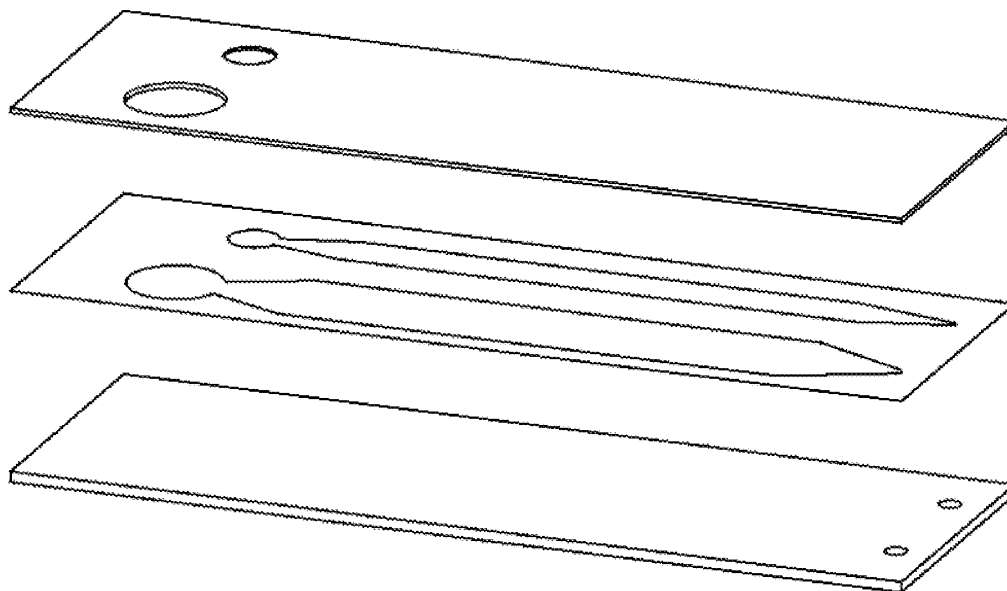


FIG. 33D

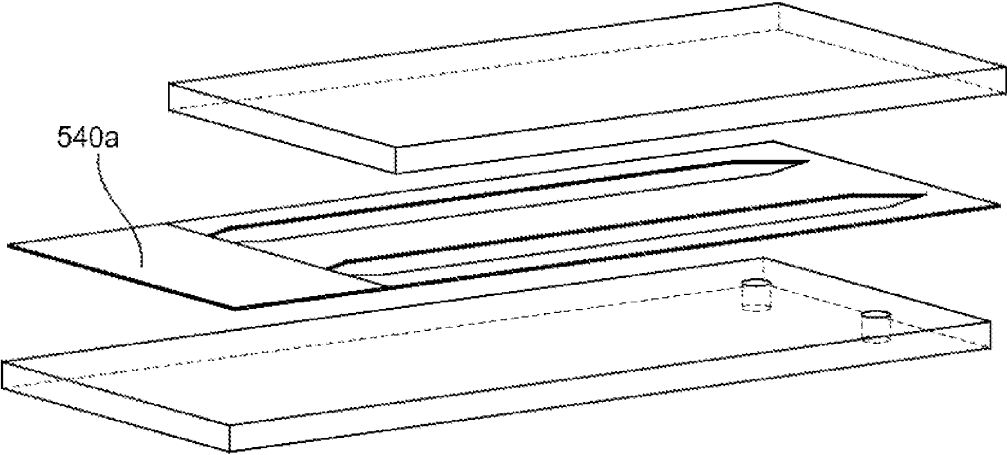


FIG. 33E

65/85

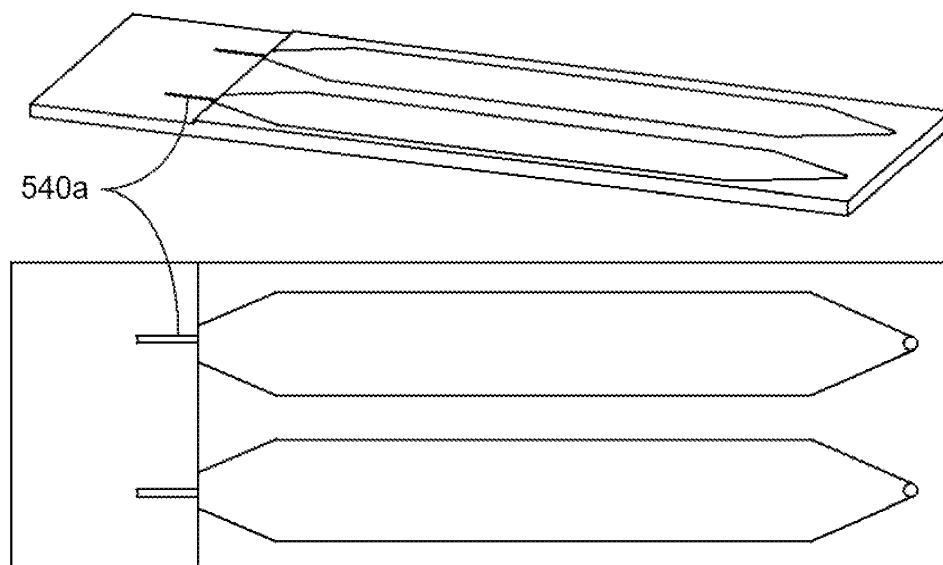


FIG. 33F

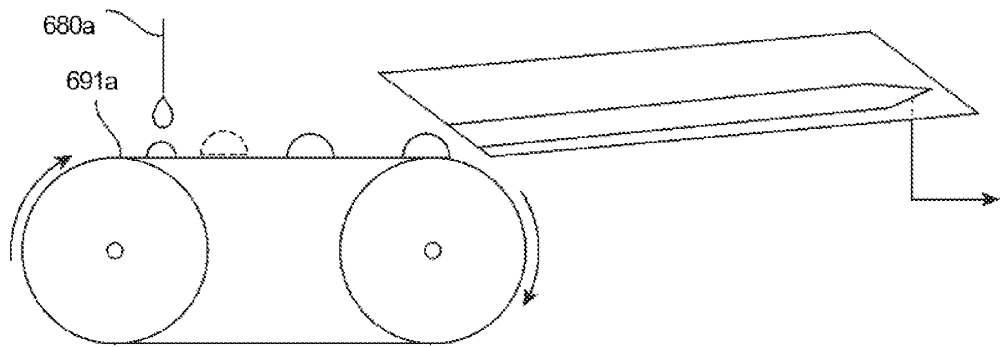


FIG. 34A

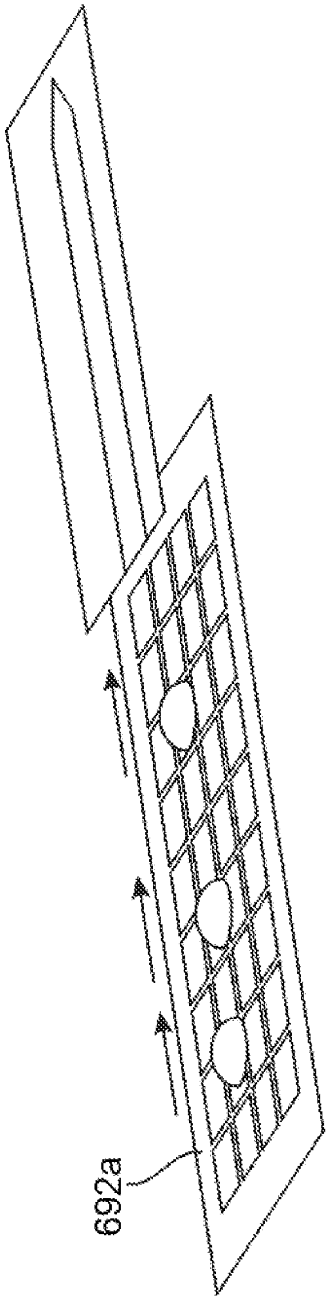


FIG. 34B

68/85

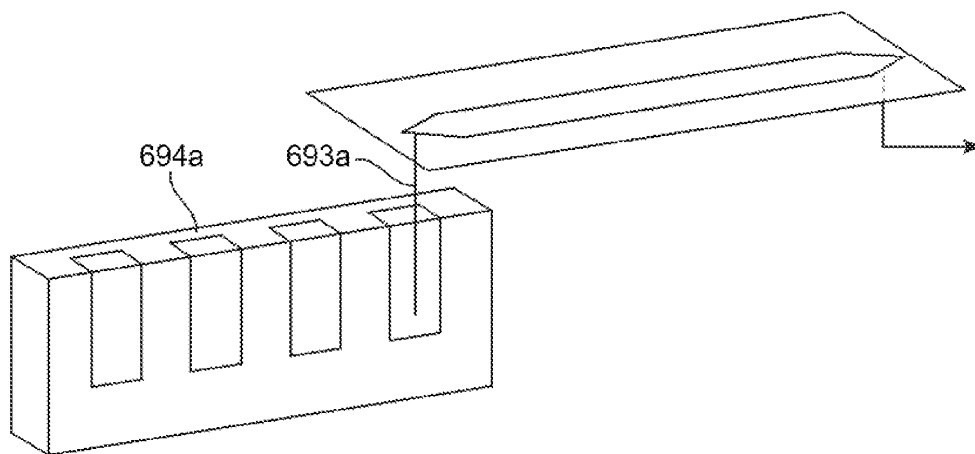


FIG. 34C

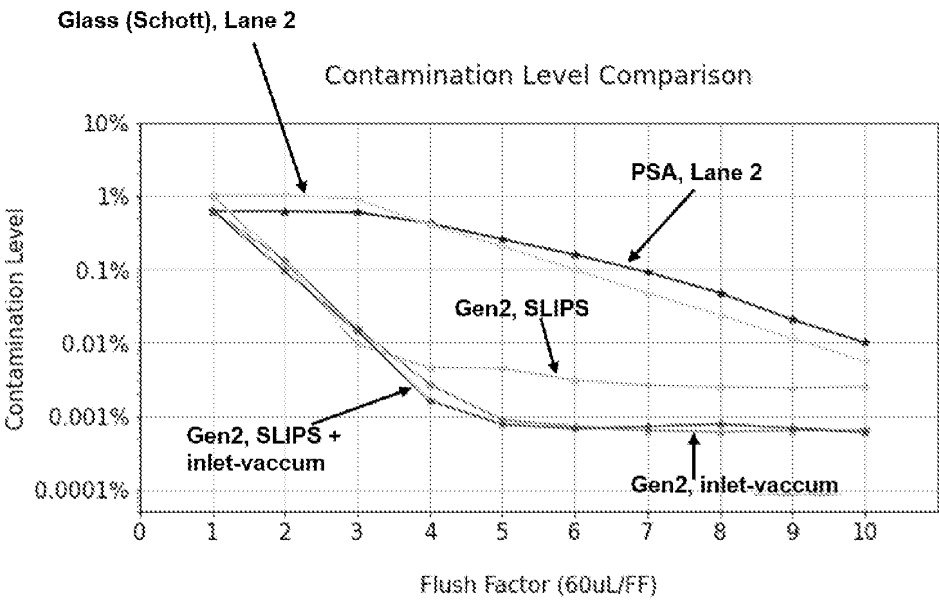


FIG. 35

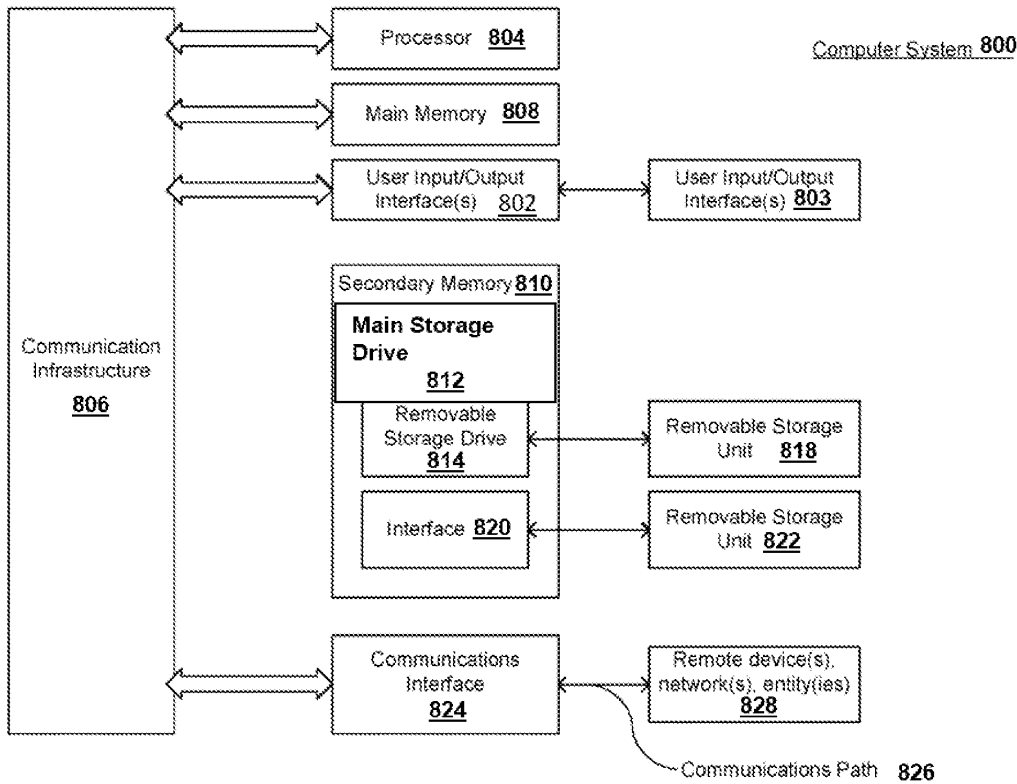


FIG. 36

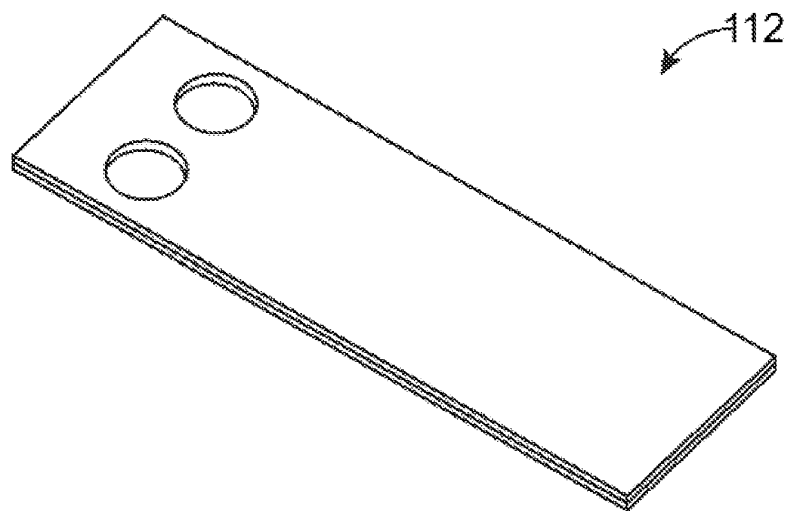


FIG. 37A

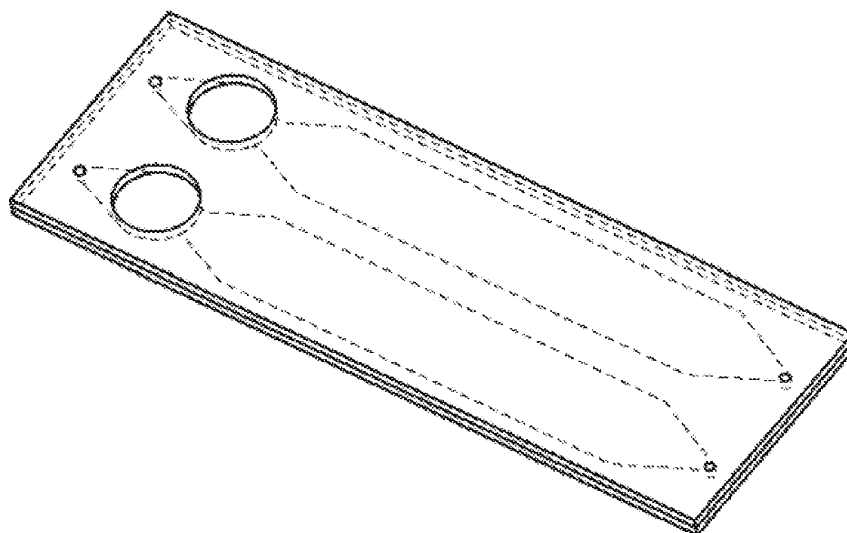


FIG. 37B

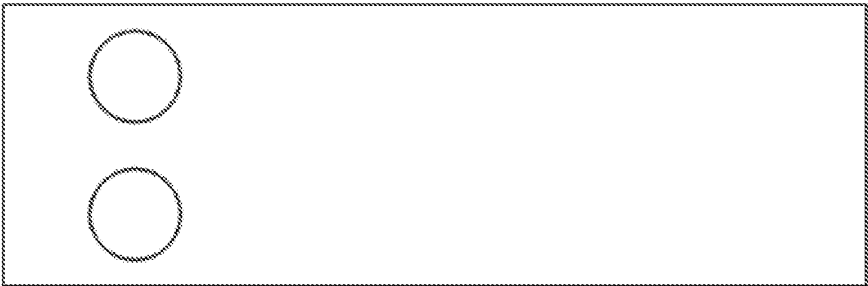


FIG. 37C

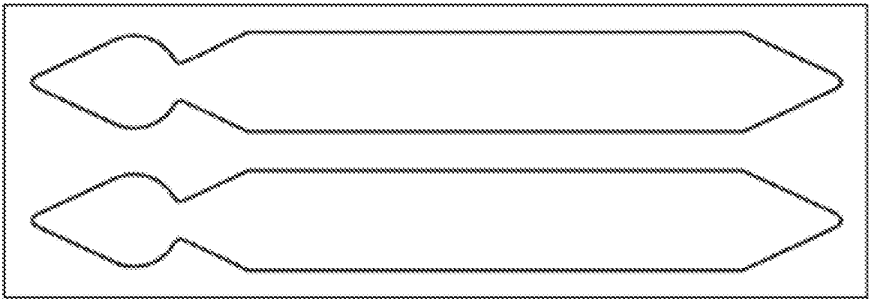


FIG. 37D

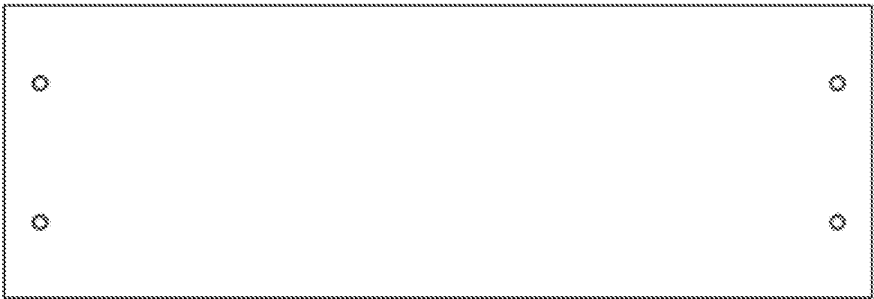


FIG. 37E

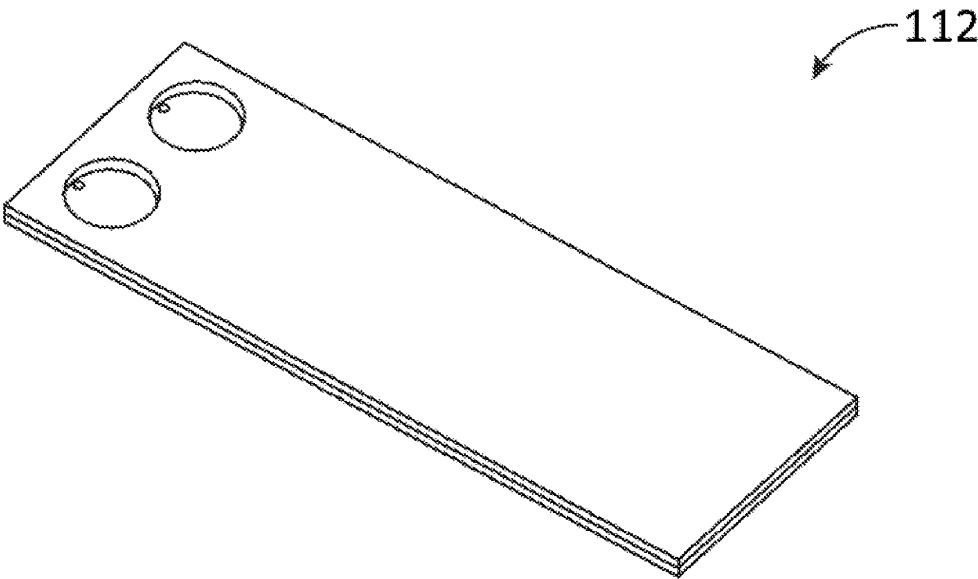


FIG. 38A

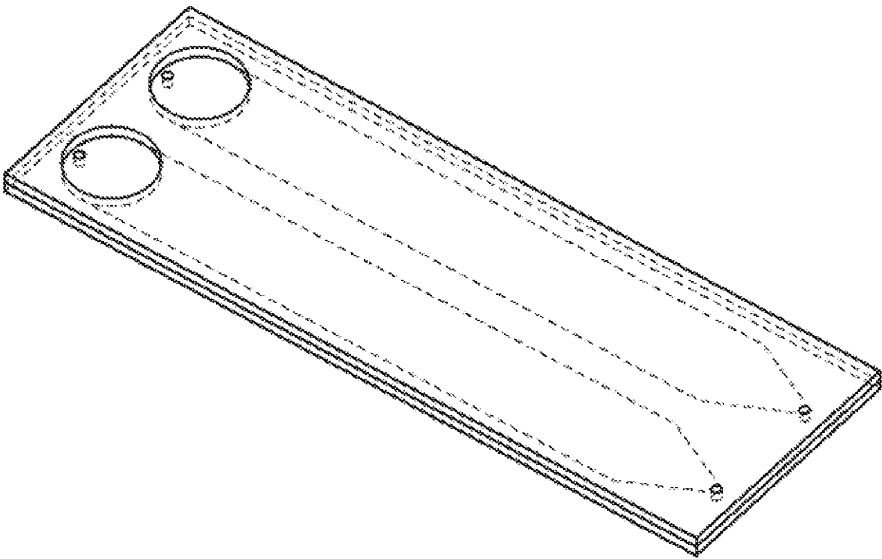


FIG. 38B

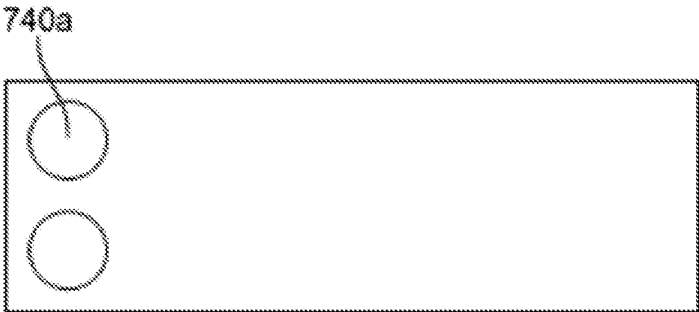


FIG. 38C

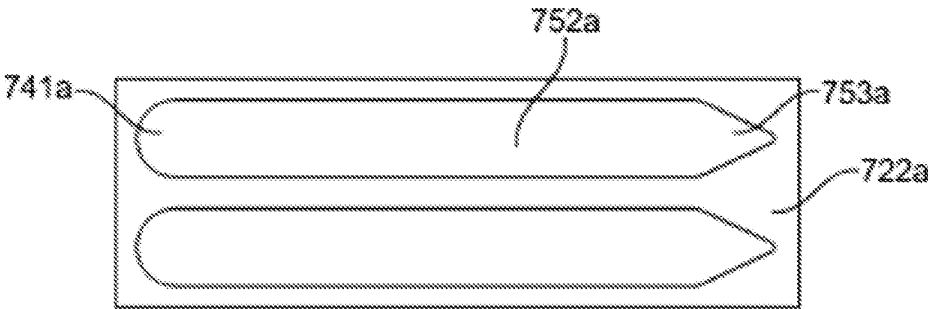


FIG. 38D



FIG. 38E



FIG. 39A

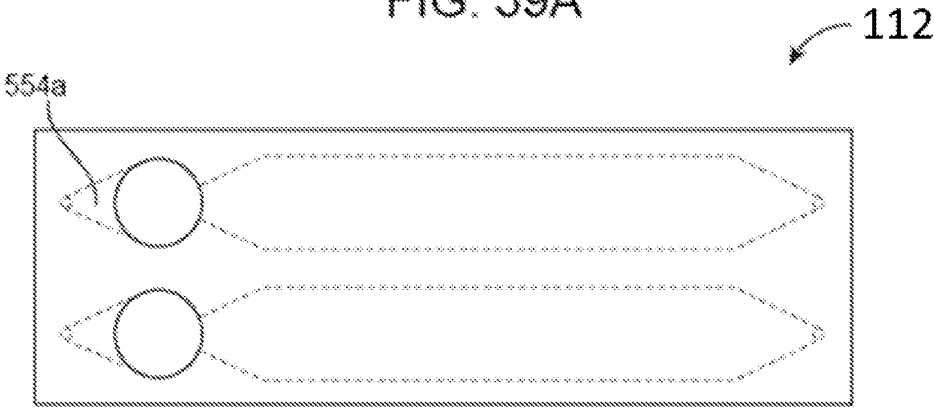


FIG. 39B

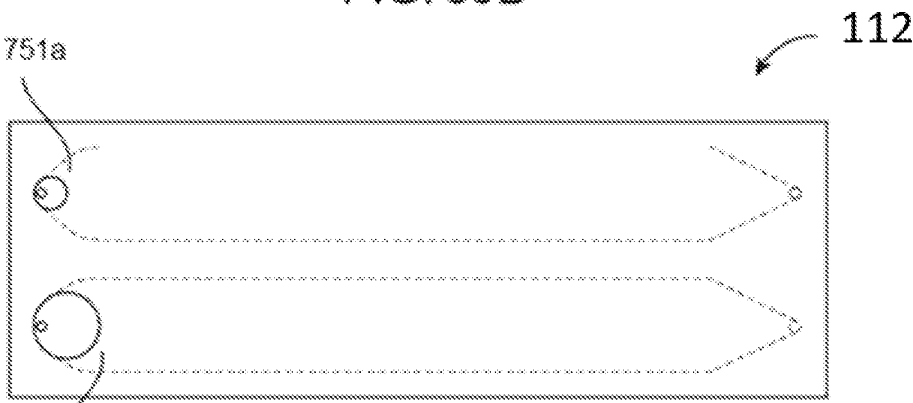


FIG. 39C

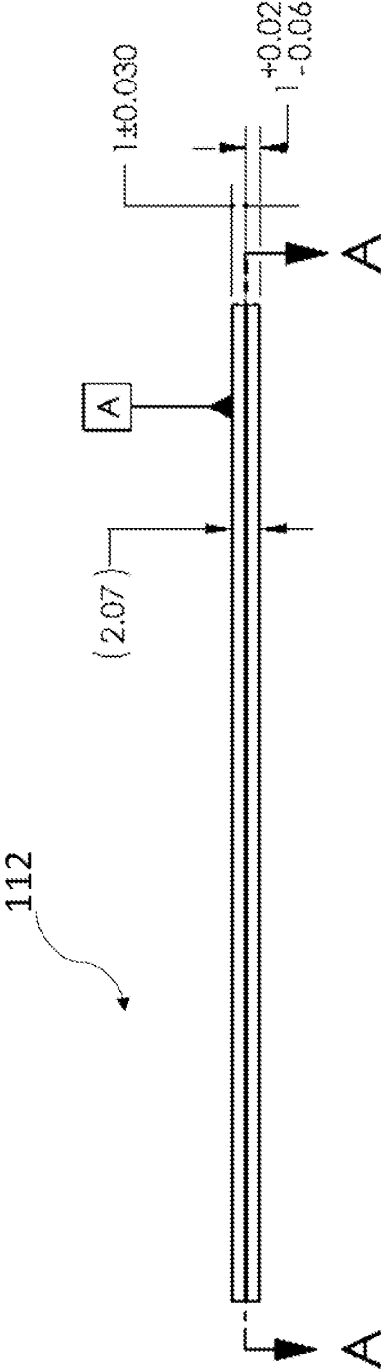


FIG. 40A

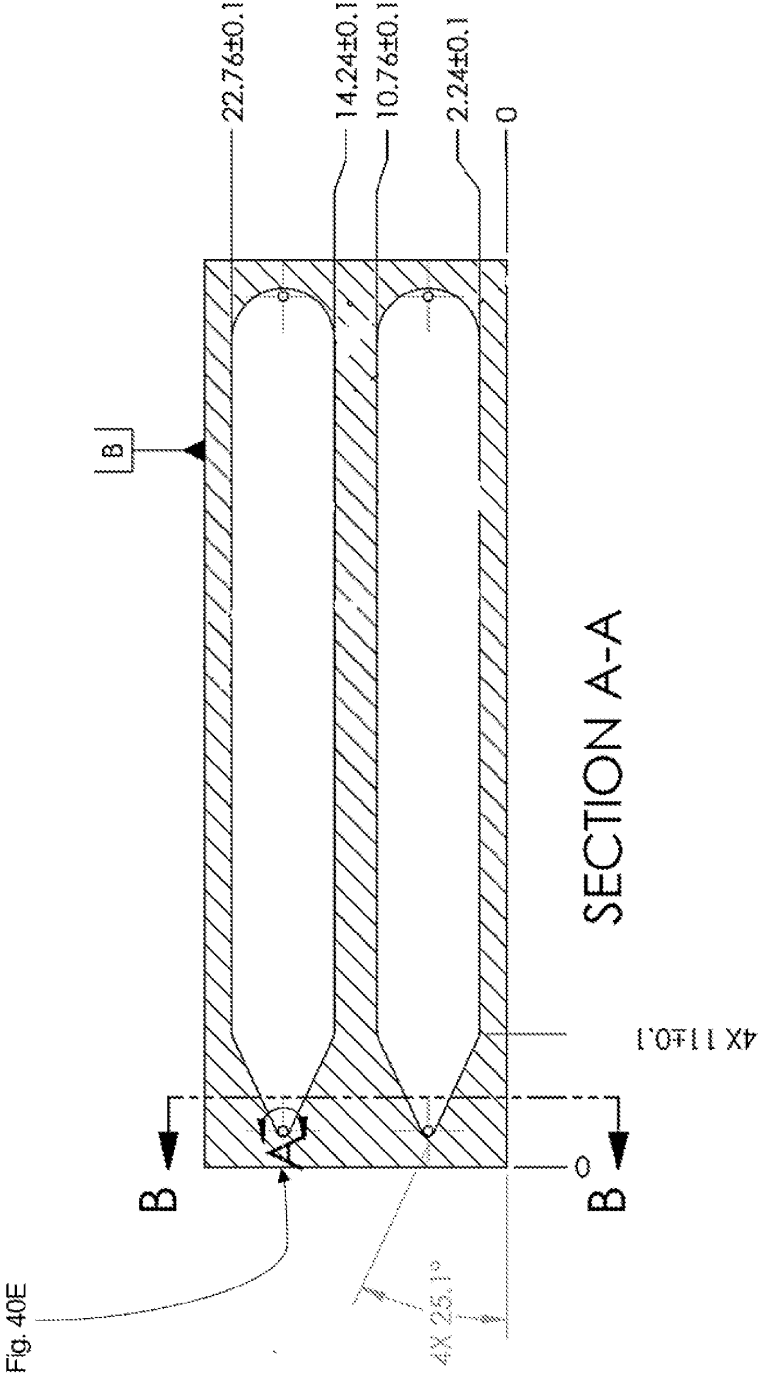


FIG. 40B

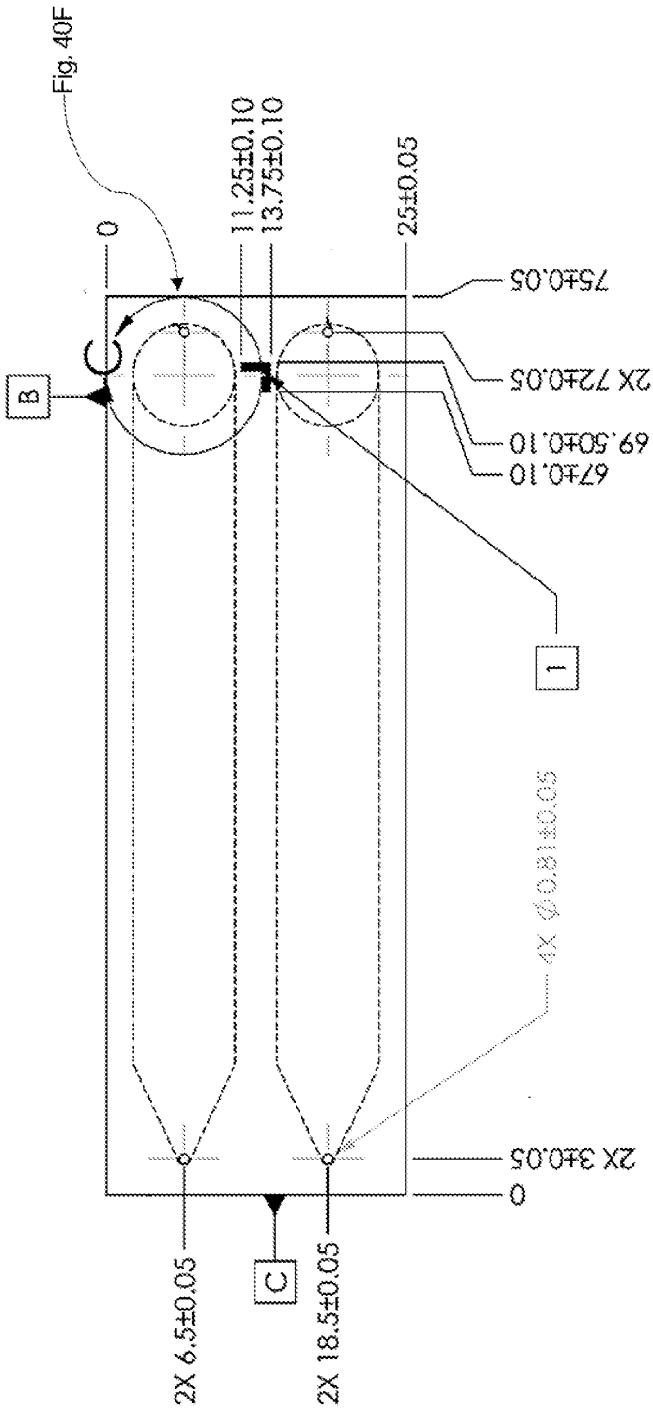
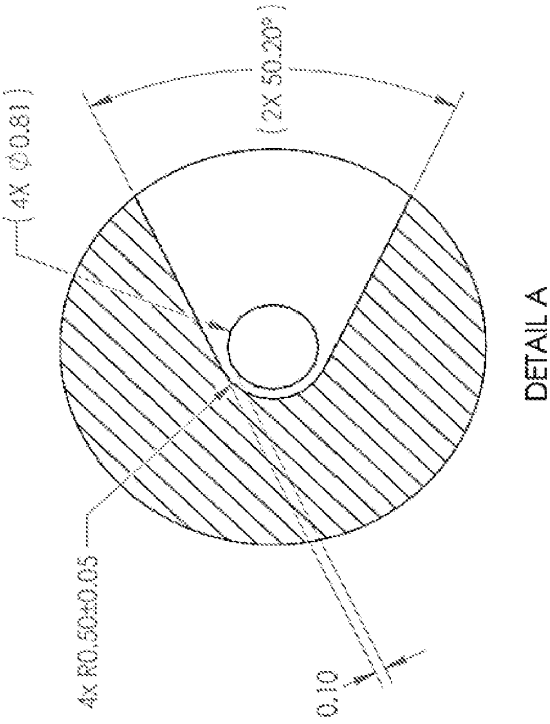
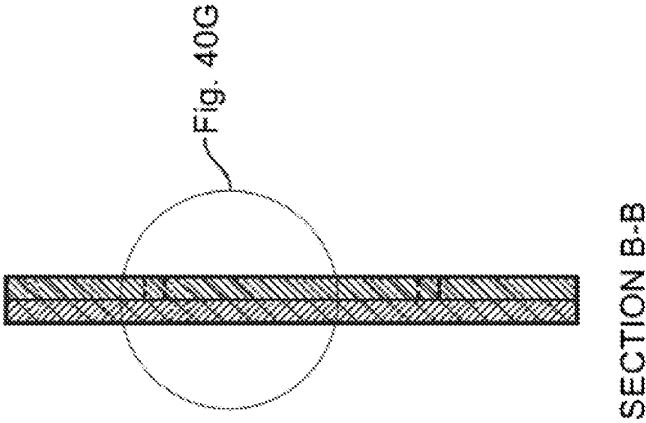


FIG. 40C



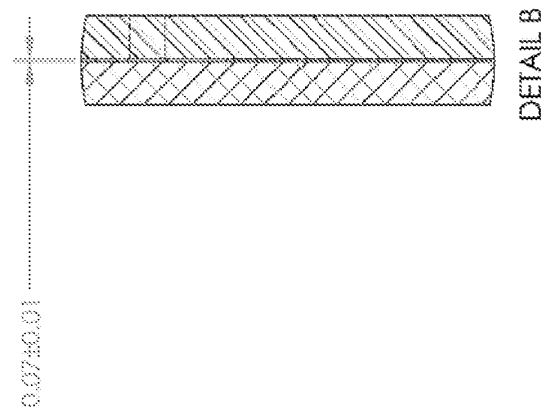


FIG. 40G

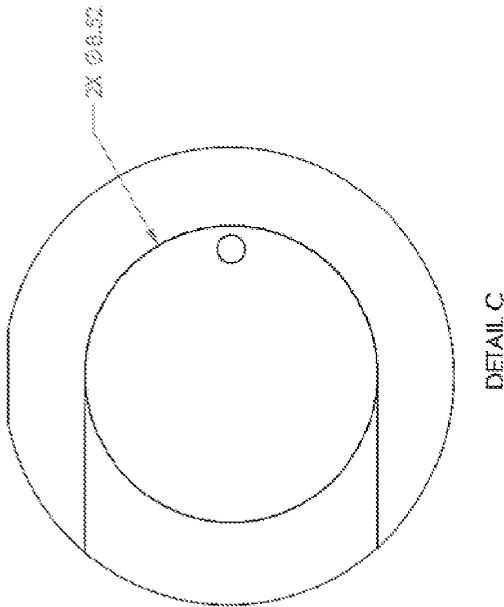


FIG. 40F

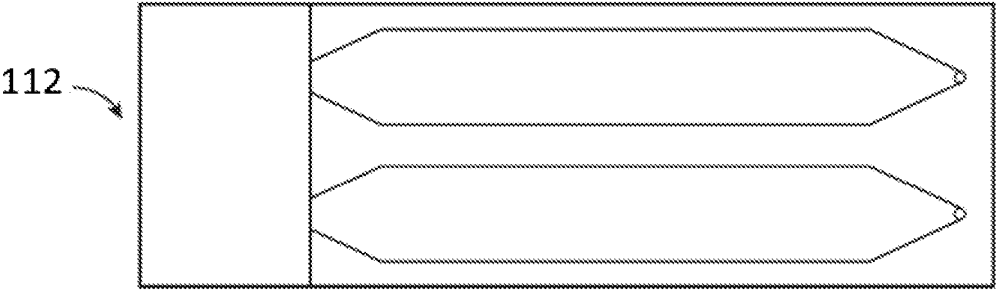


FIG. 41A

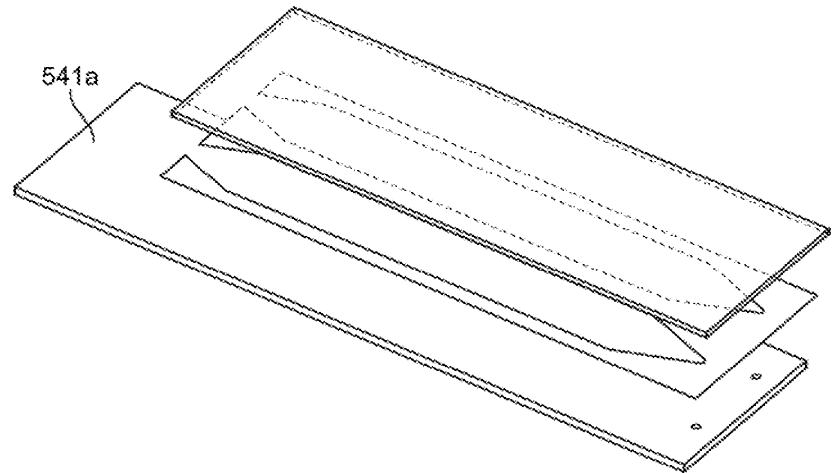


FIG. 41B

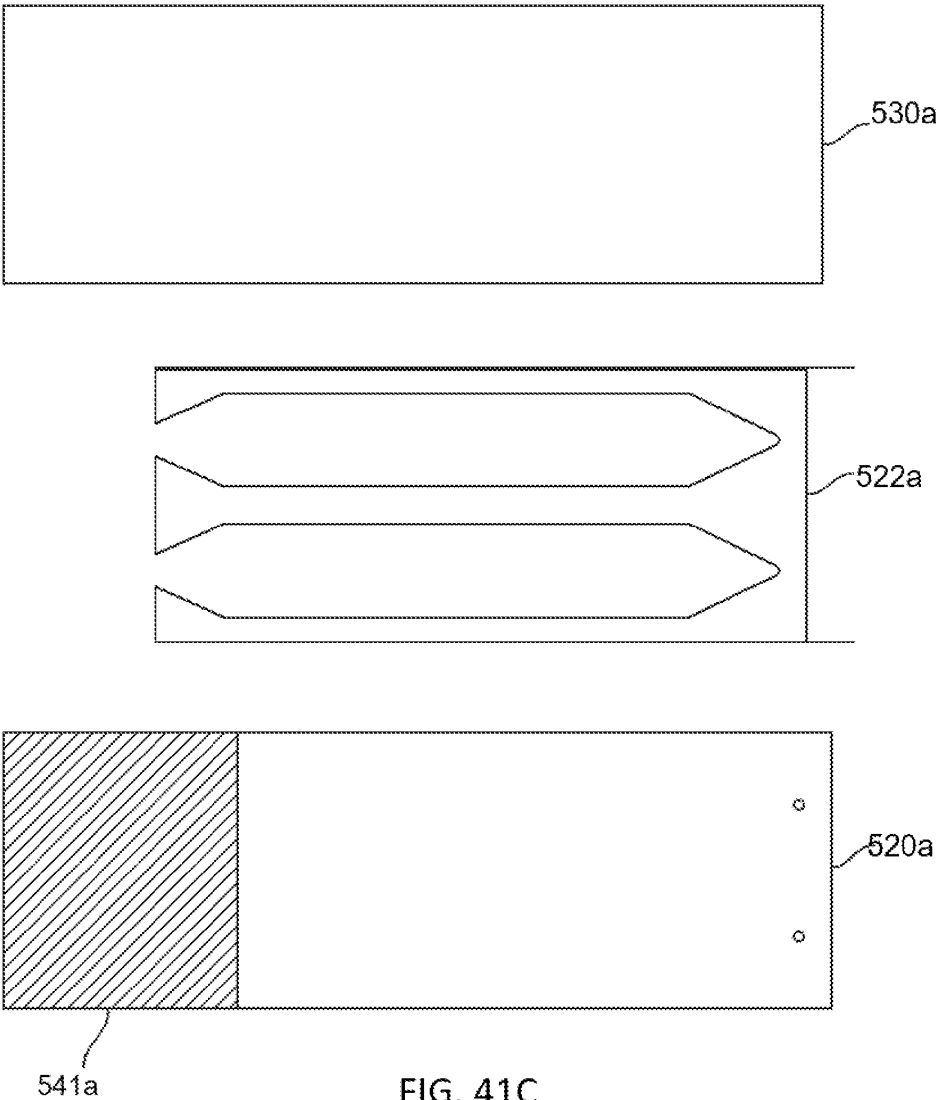


FIG. 41C

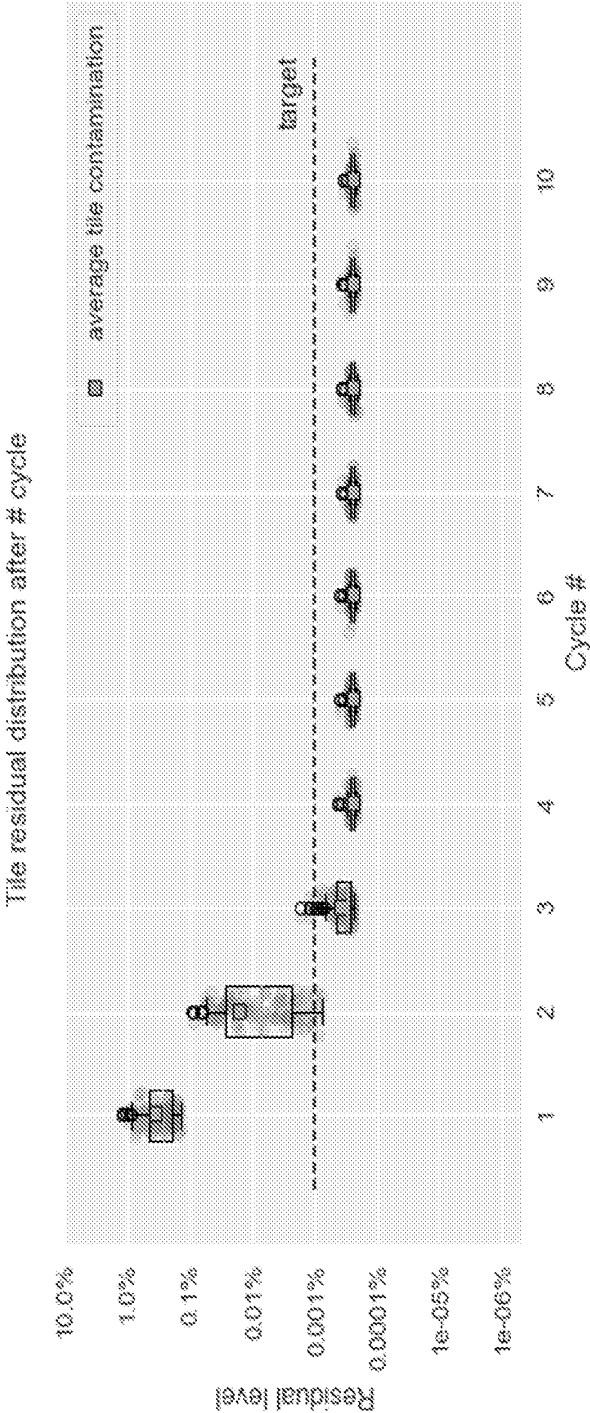


FIG. 42

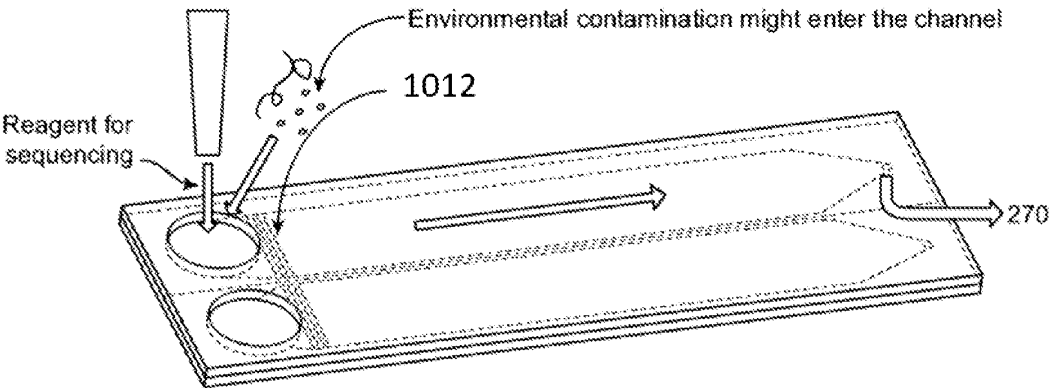


FIG. 43A

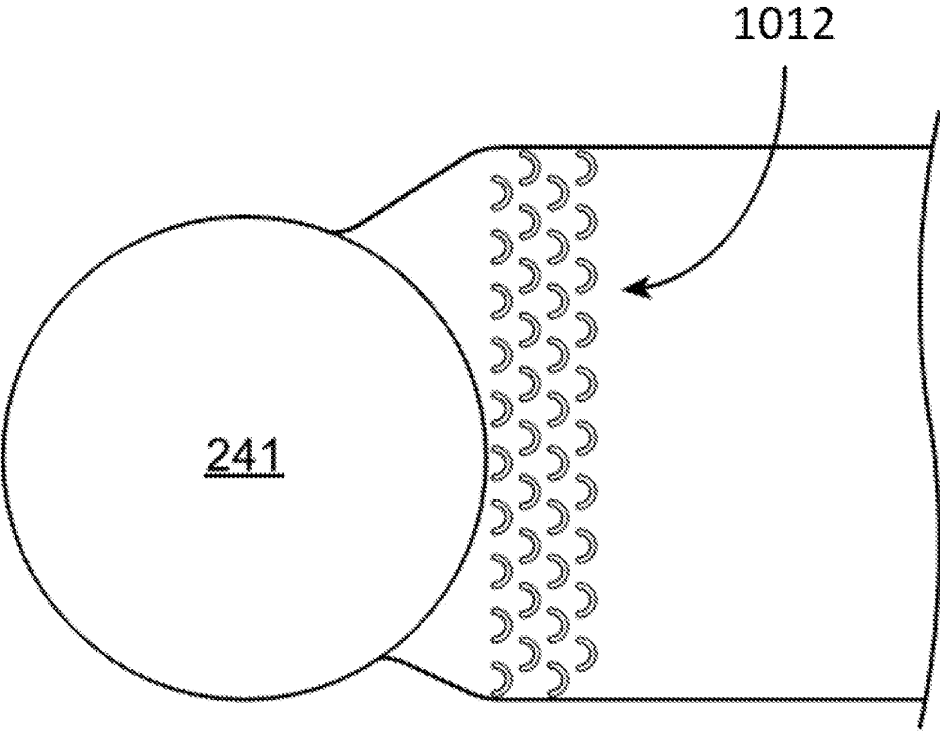


FIG. 43B