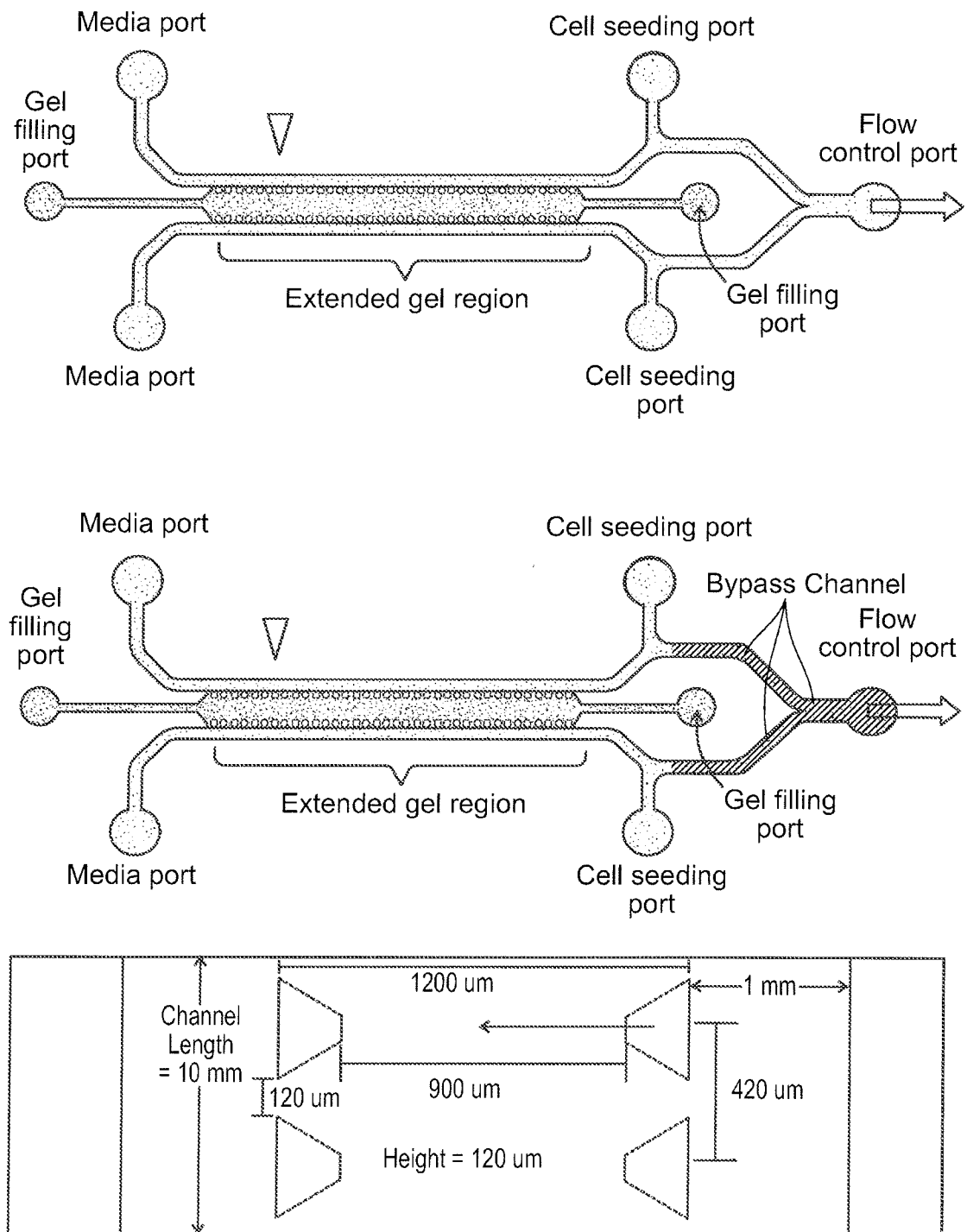


FIG. 1



The average dimensions of a typical device in use now. This is a reference only, and does not reflect final dimensions of a production model.

FIG. 2

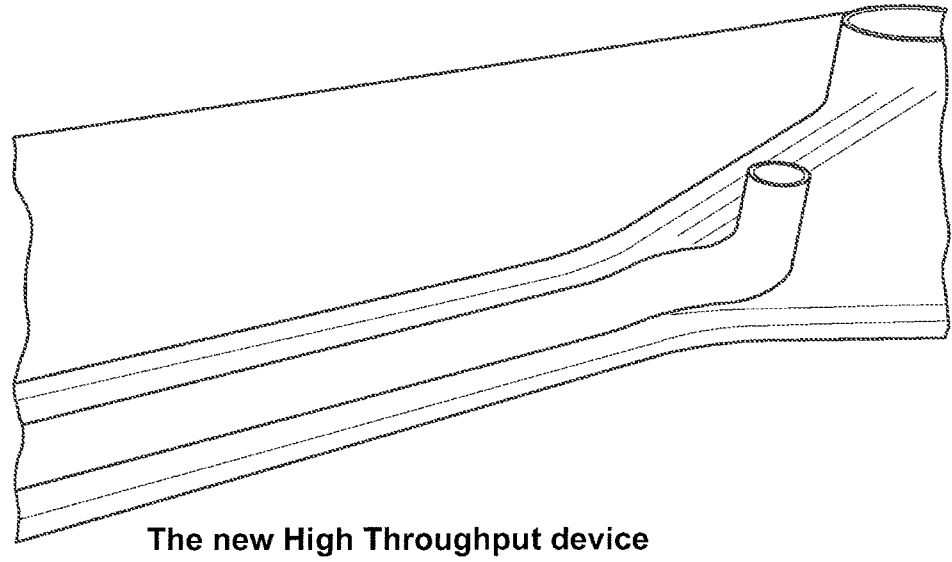
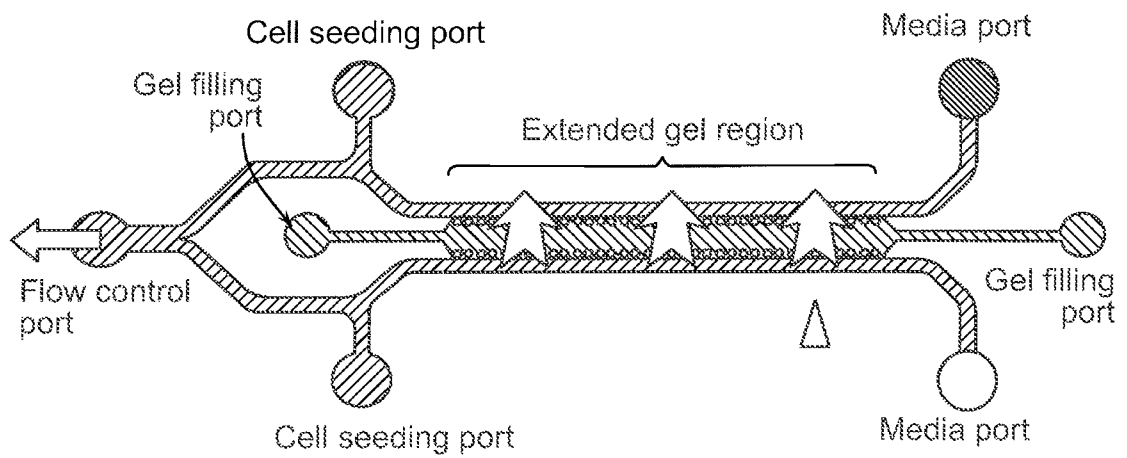


FIG. 3

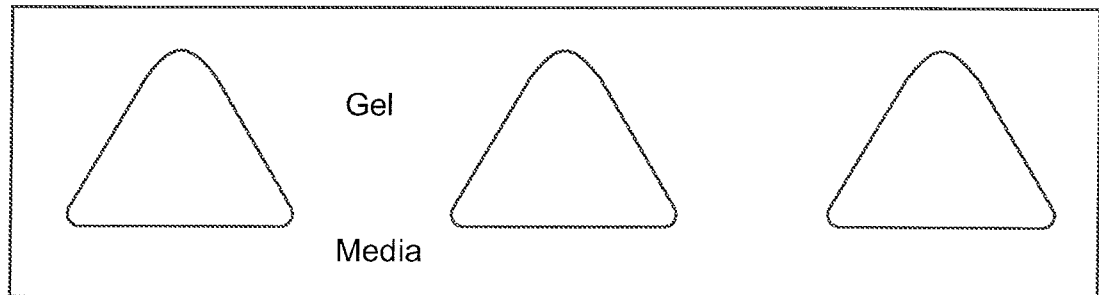
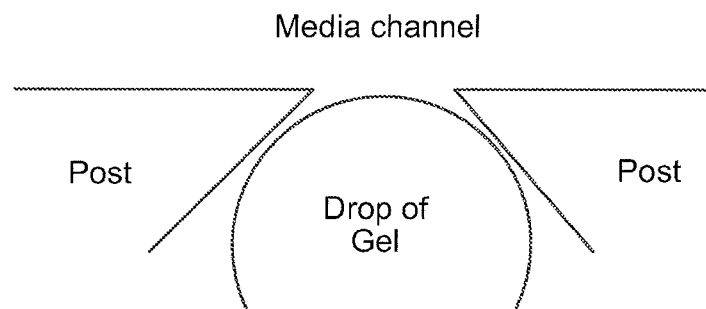
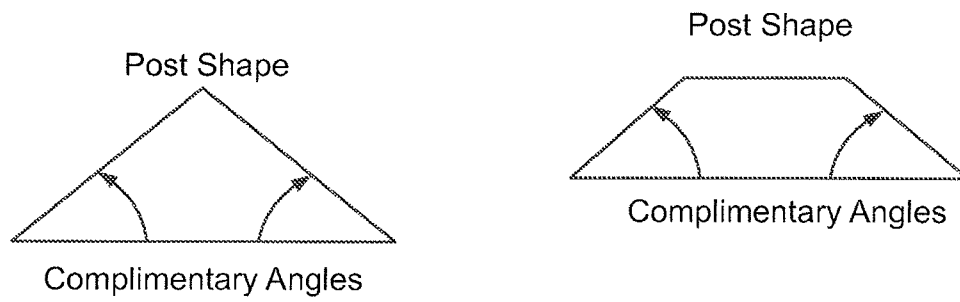
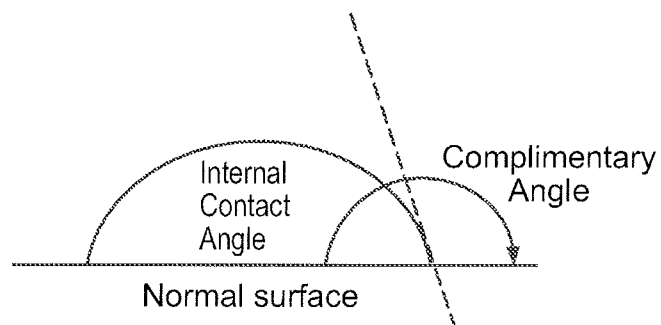


FIG. 4

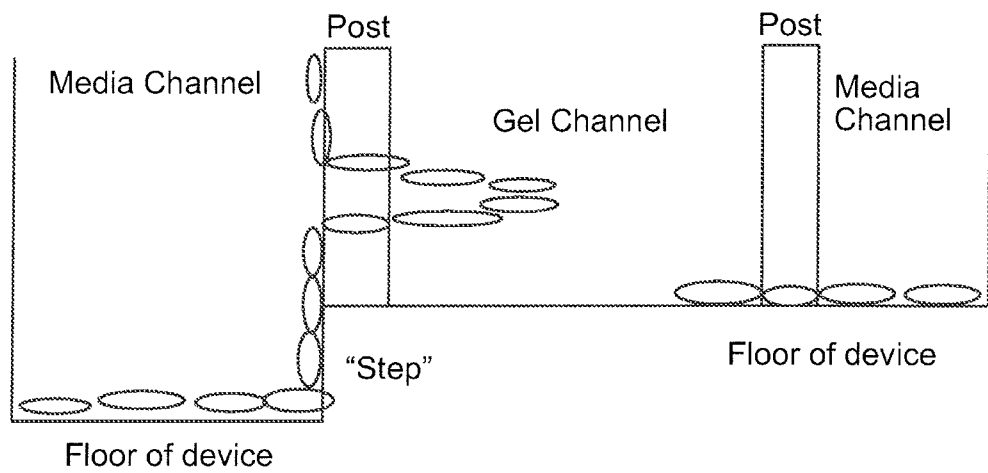
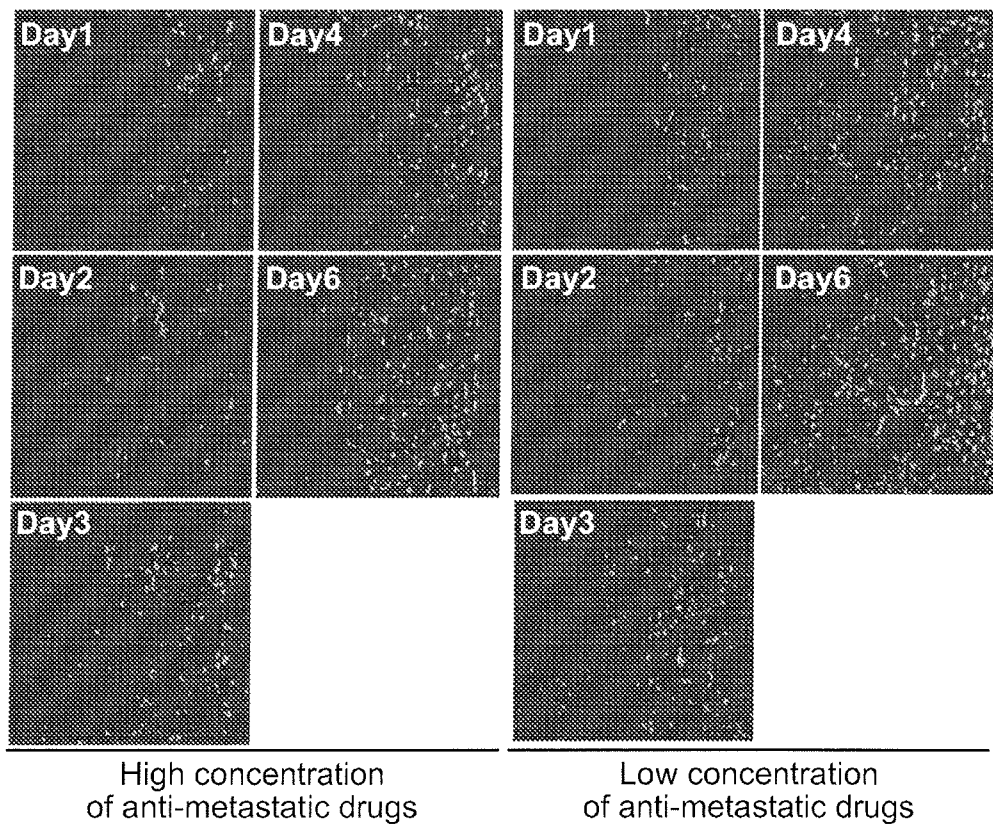


FIG. 5

Validation Data



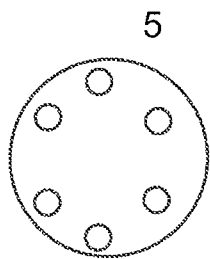
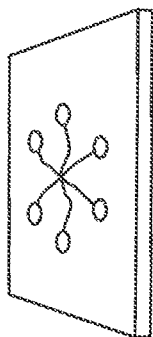
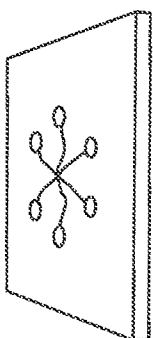
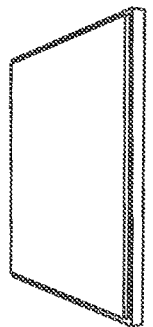
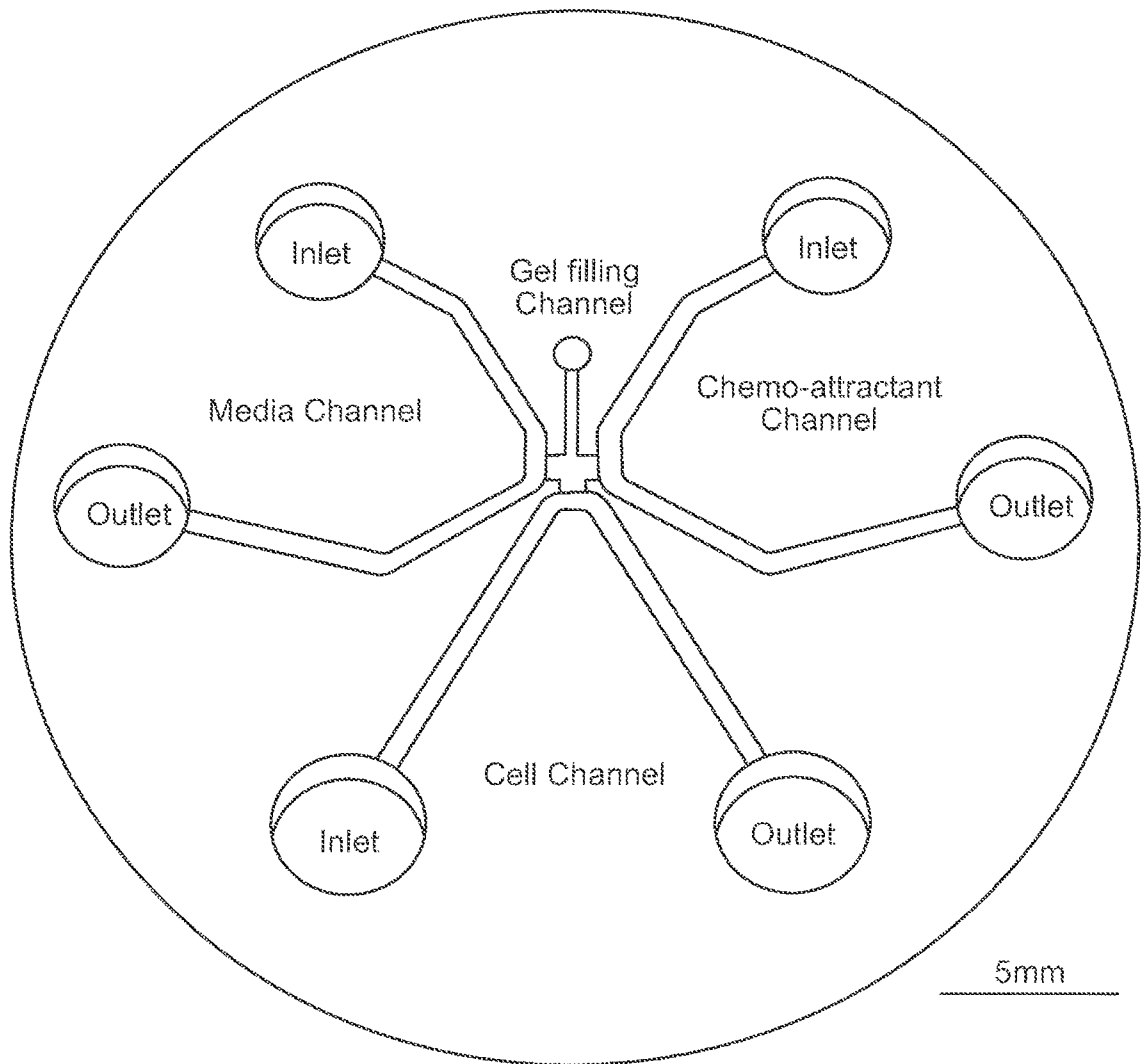


FIG. 6A

FIG. 6B



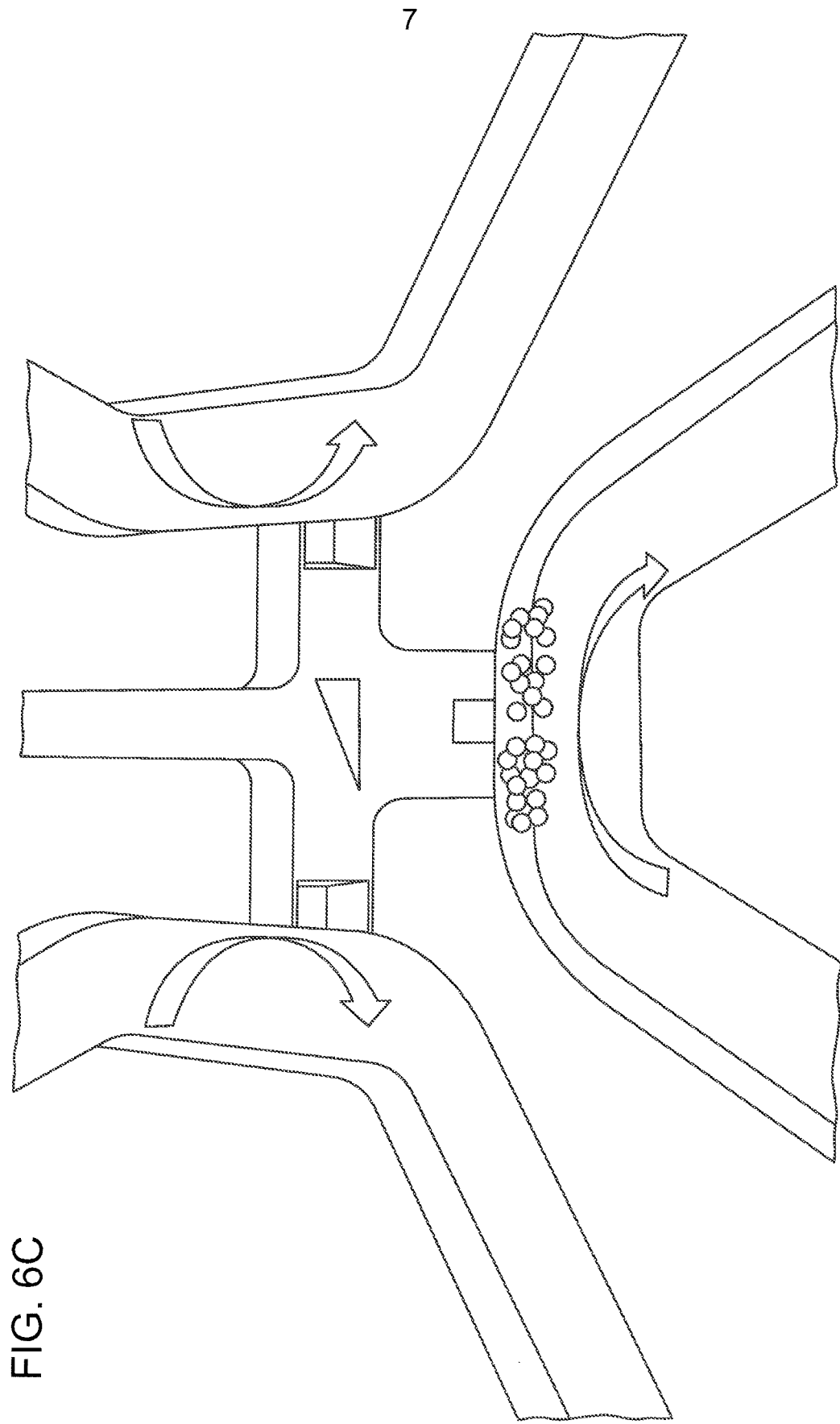


FIG. 7A

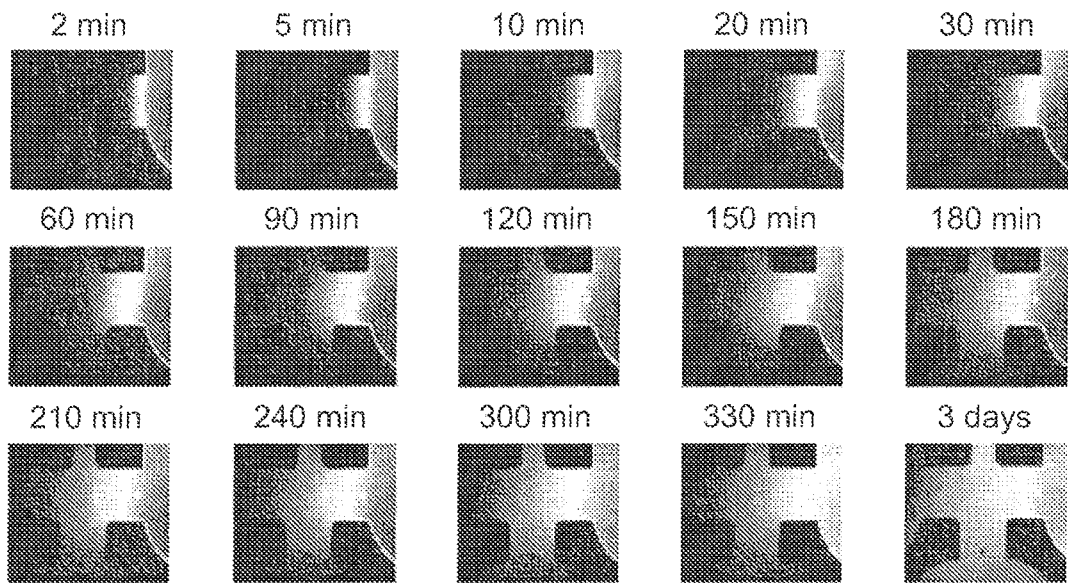


FIG. 7B

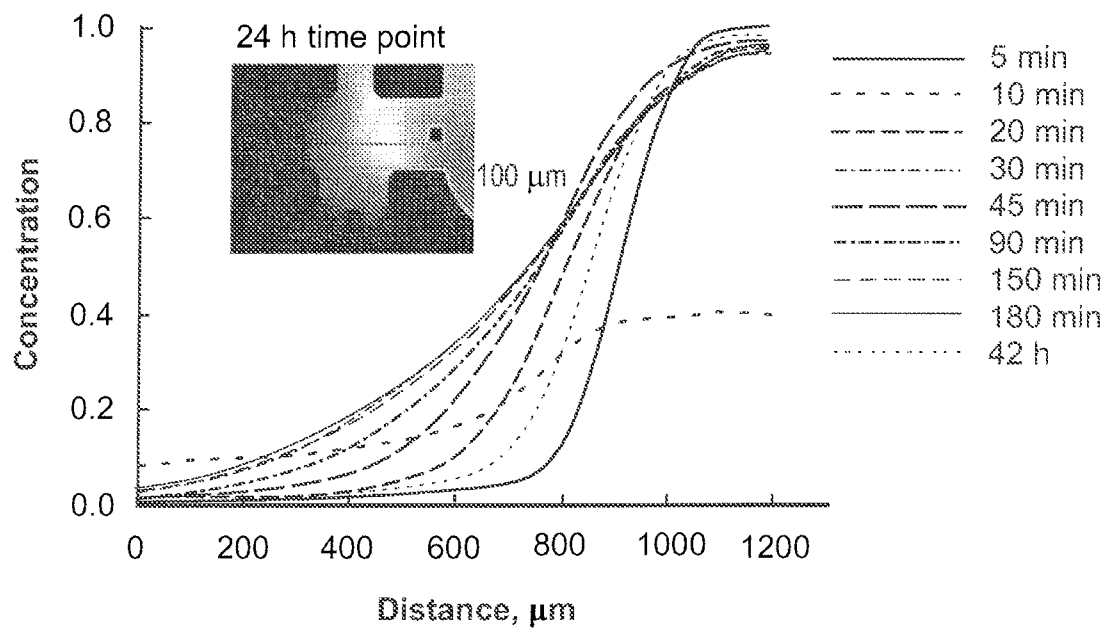


FIG. 8A

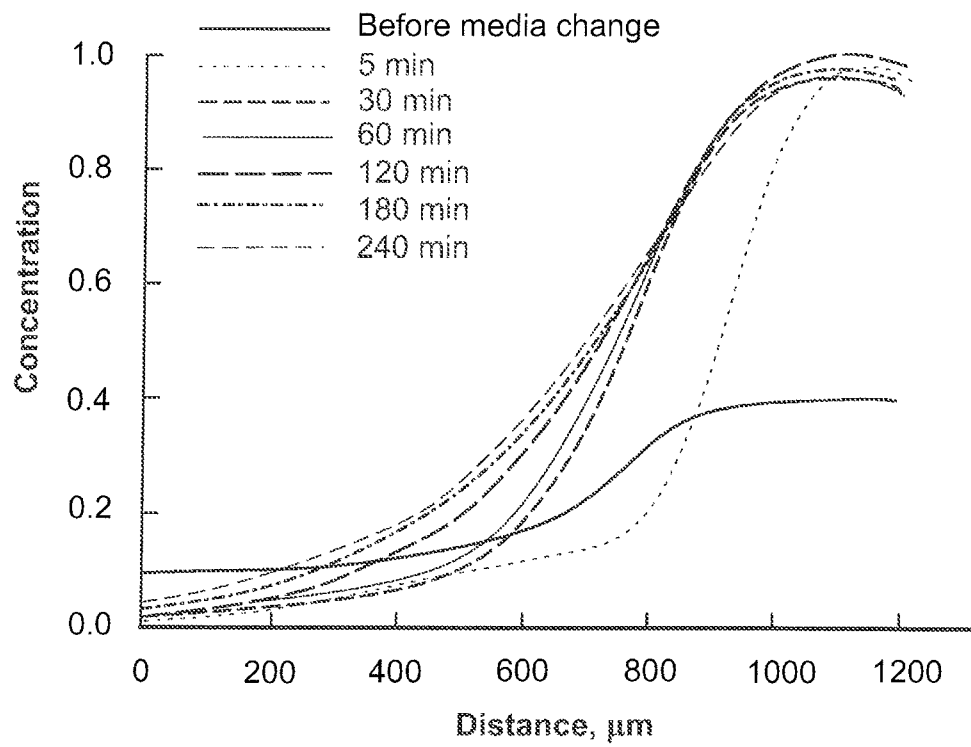


FIG. 8B

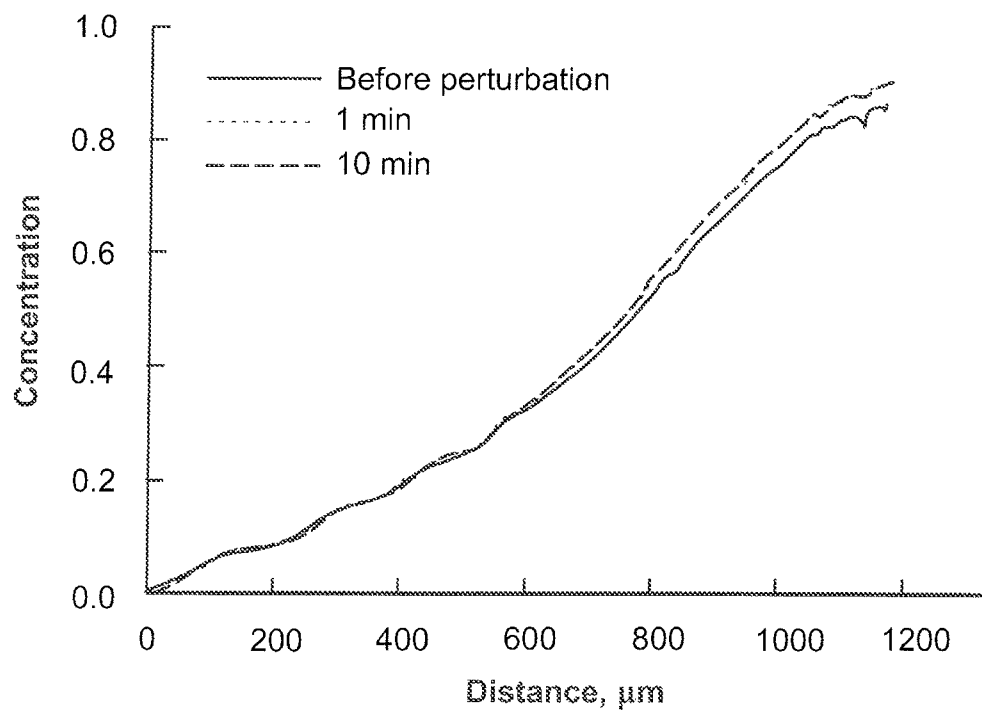


FIG. 9A

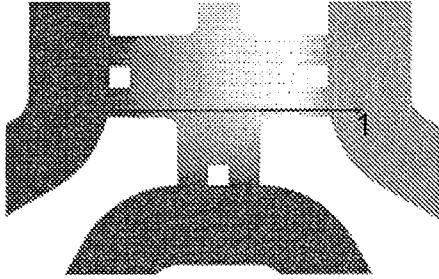


FIG. 9B

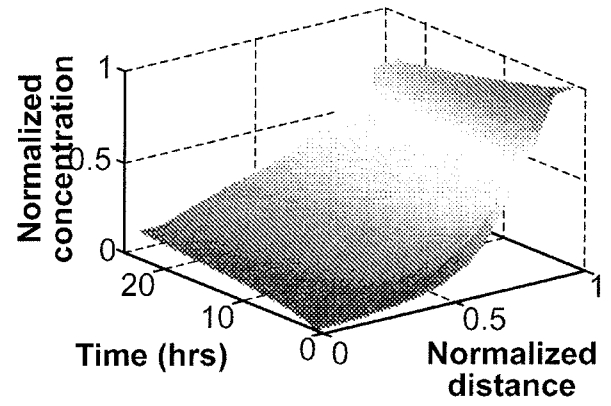


FIG. 9C

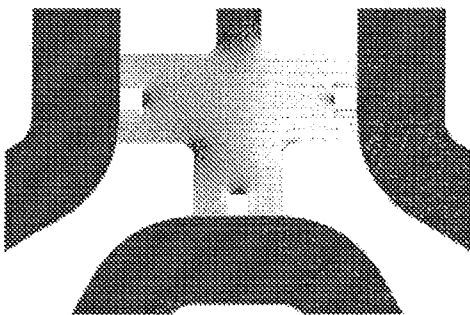


FIG. 9D

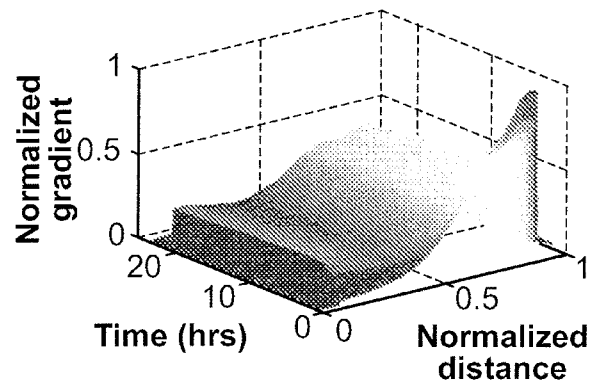


FIG. 10A

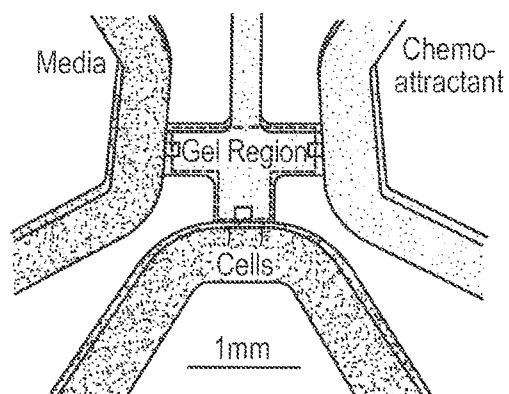
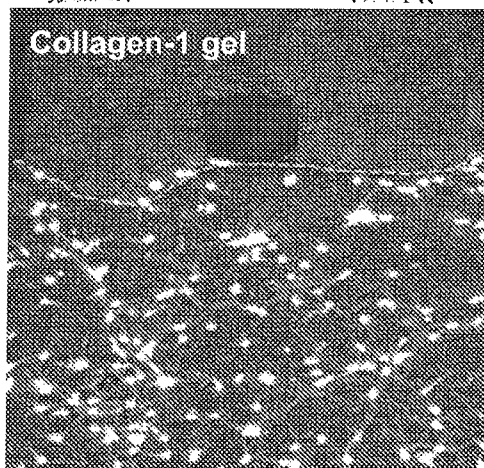


FIG. 10B

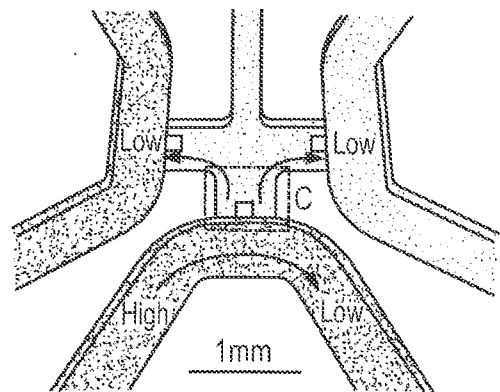
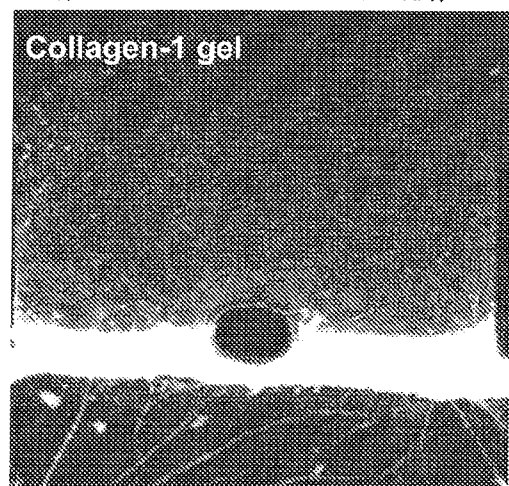


FIG. 11A

Transfected fibroblasts

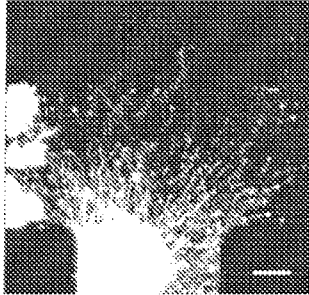


FIG. 11B

Normal fibroblasts

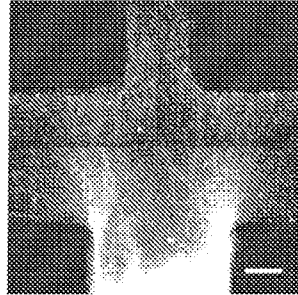


FIG. 11C

Lab-purified Netrin

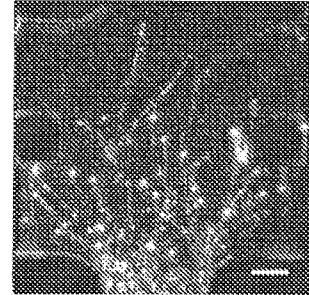


FIG. 11D

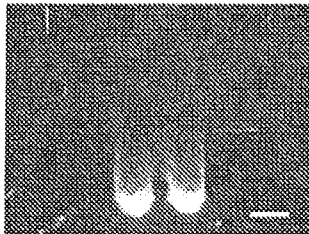
Netrin (0.1 $\mu\text{g/mL}$)

FIG. 11E

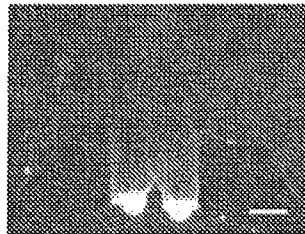
Netrin (1 $\mu\text{g/mL}$)

FIG. 11F

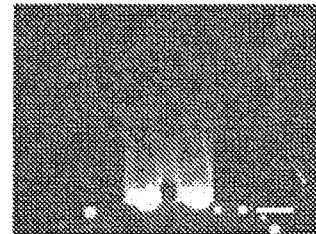
Netrin (10 $\mu\text{g/mL}$)

FIG. 11G

Controls

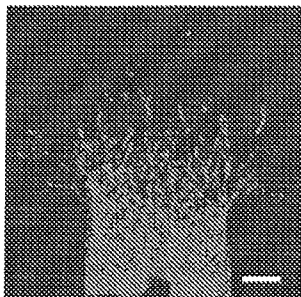


FIG. 11H

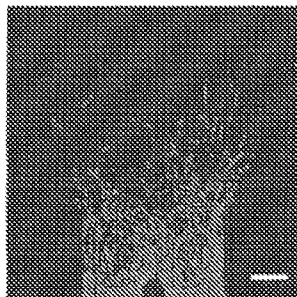
Brain pulp (0.1 $\mu\text{g/mL}$)

FIG. 11I

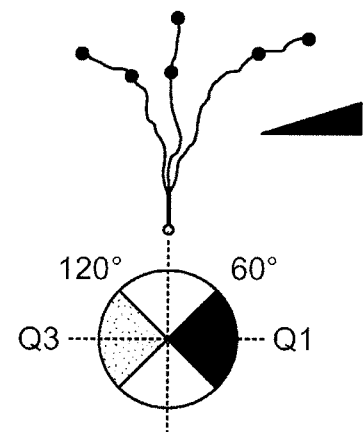


FIG. 11J

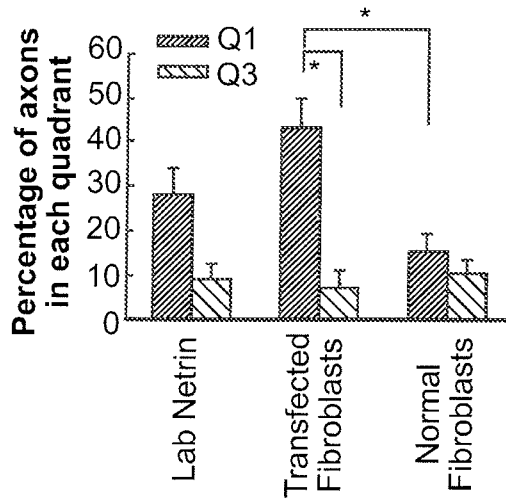


FIG. 11K

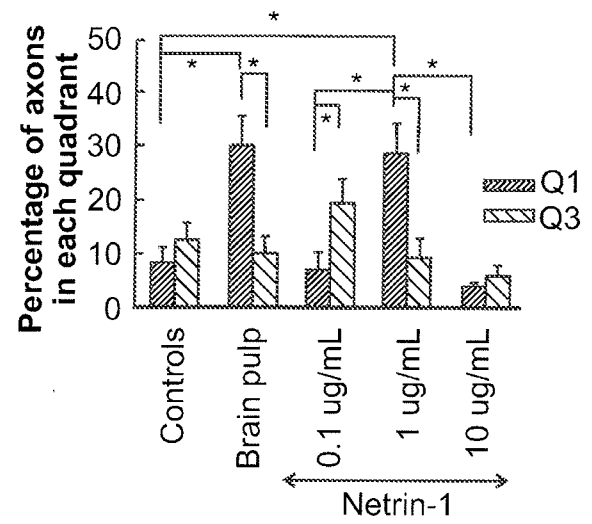


FIG. 12A

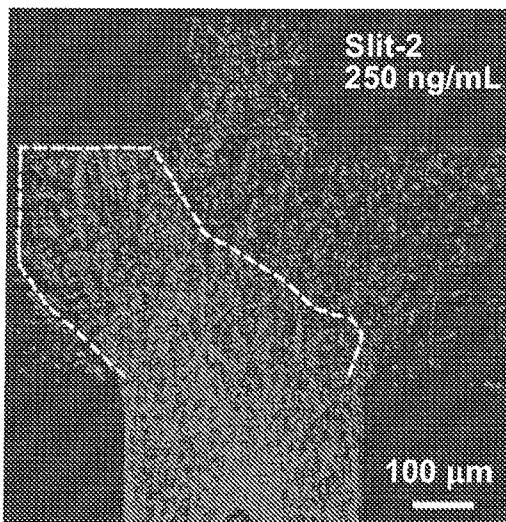


FIG. 12B

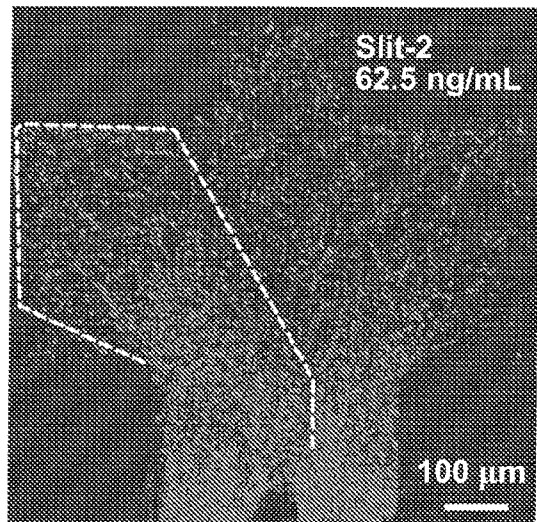


FIG. 12C

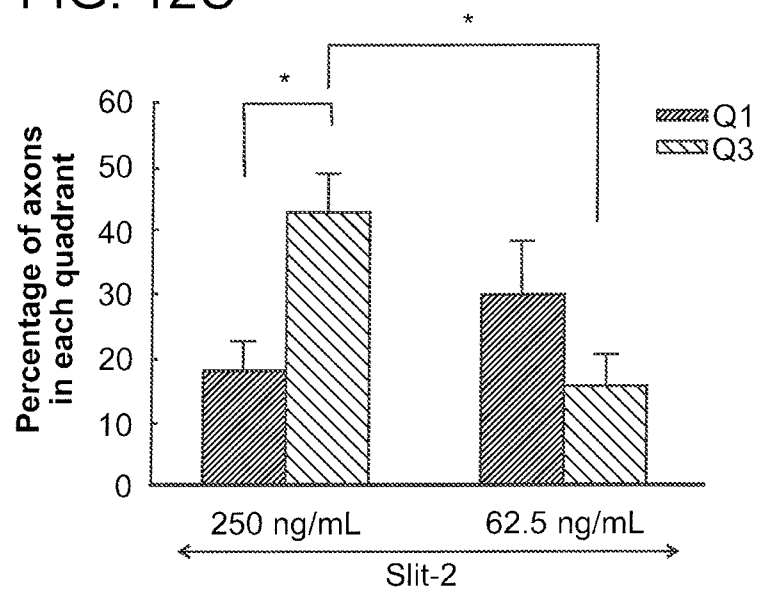


FIG. 13A

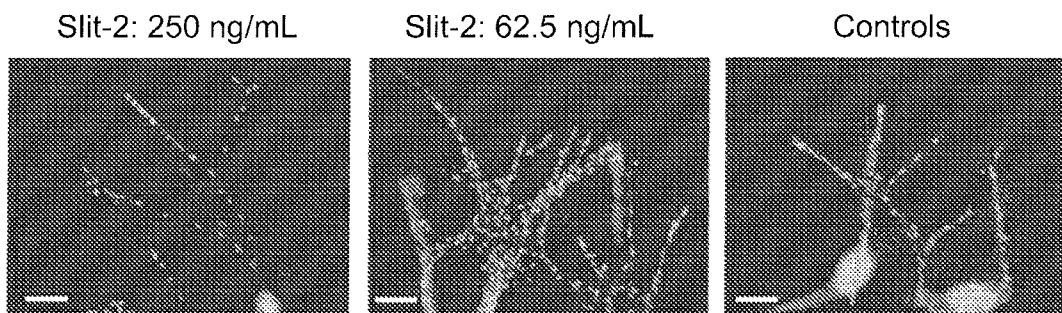


FIG. 13B

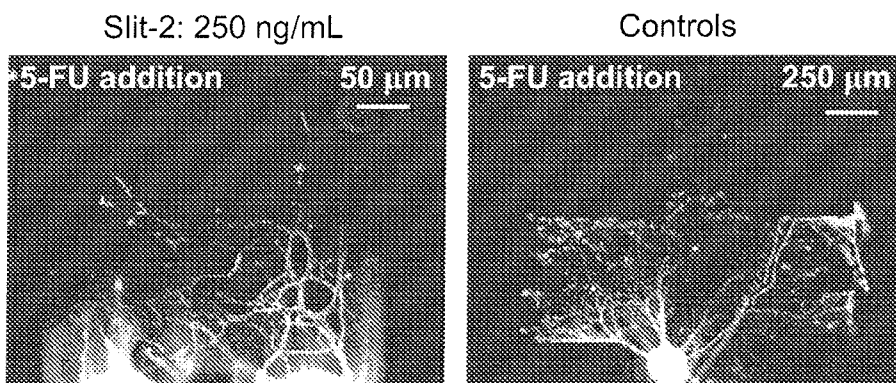


FIG. 13C

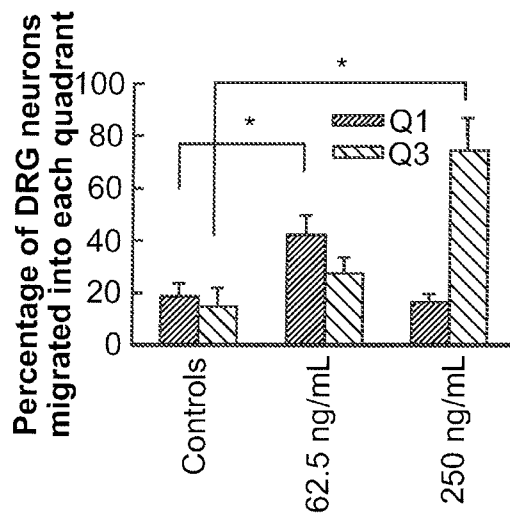


FIG. 13D

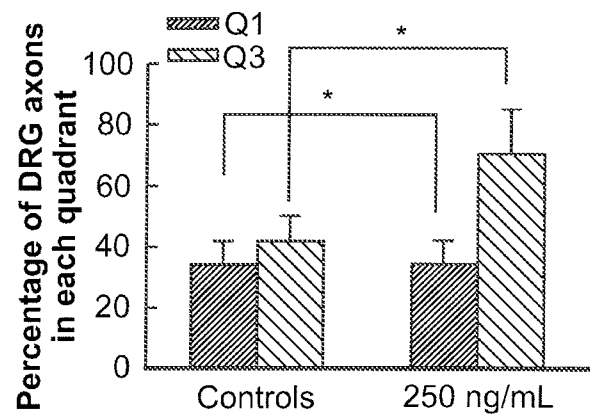
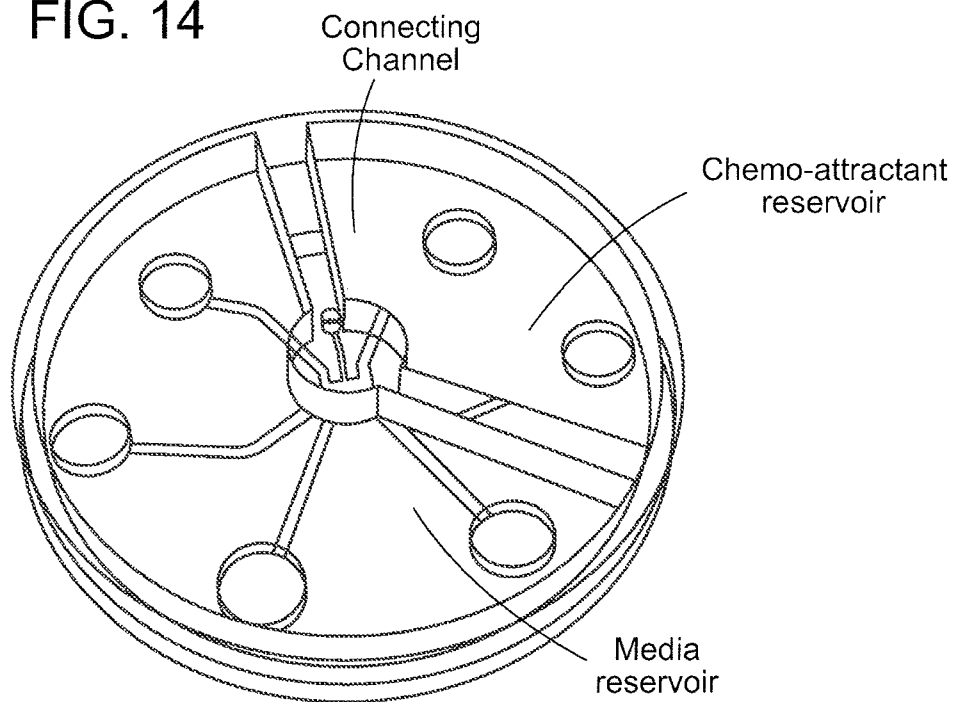
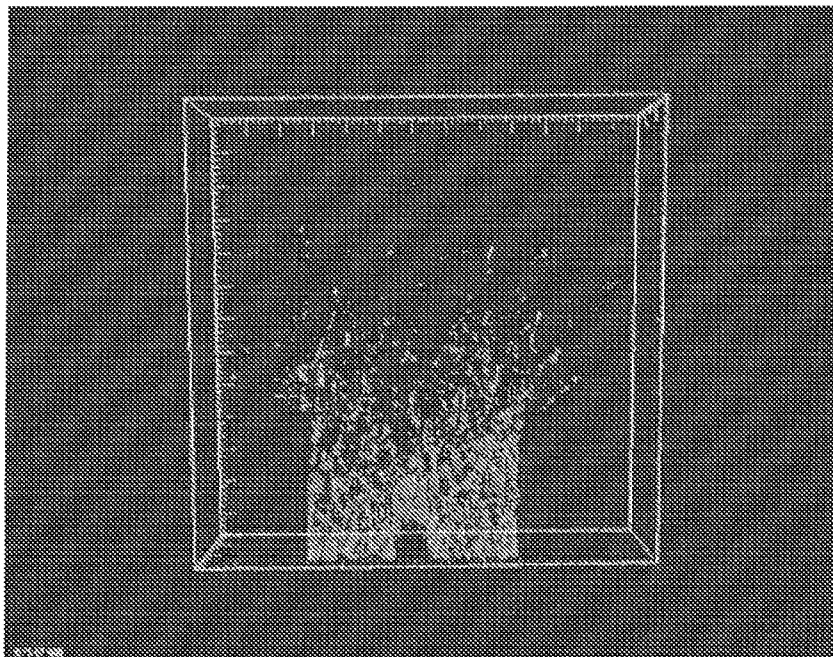


FIG. 14



Brain pulp
0.1 $\mu\text{g/mL}$

FIG. 15A

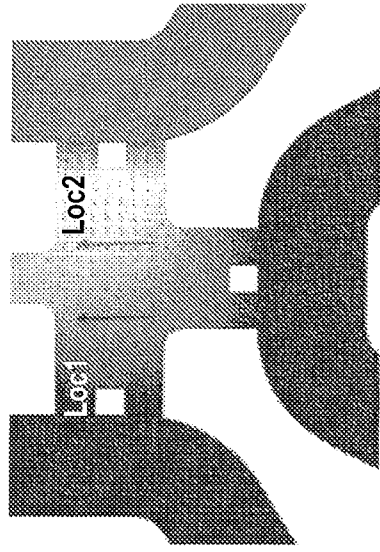


FIG. 15B

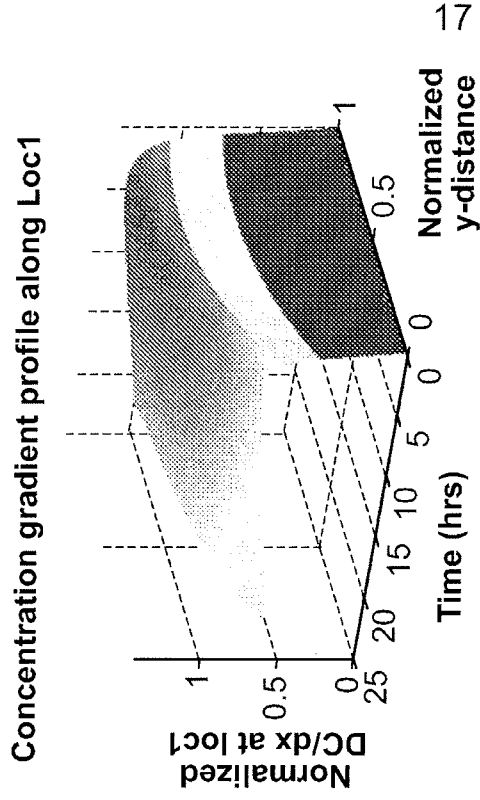


FIG. 15C

Concentration gradient profile along Loc2

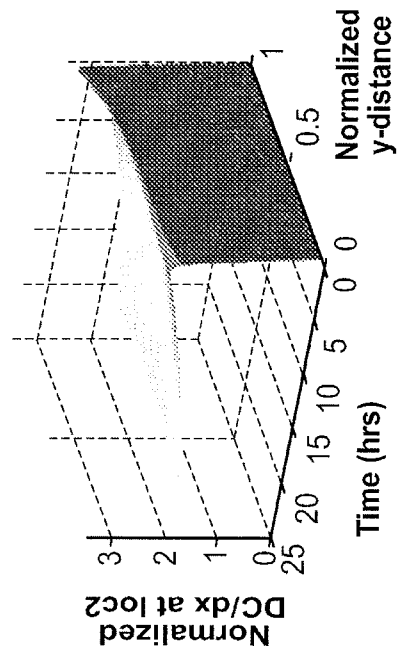


FIG. 16A

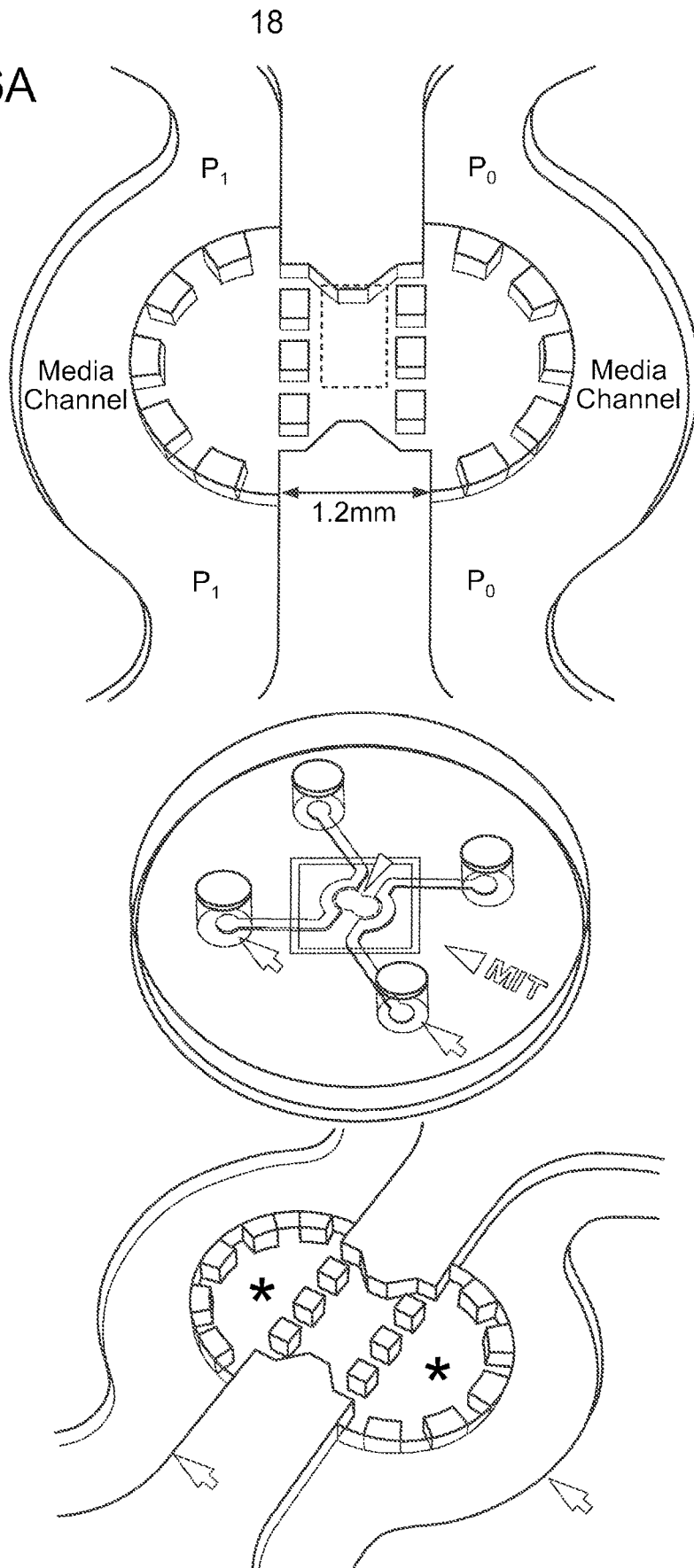


FIG. 16B

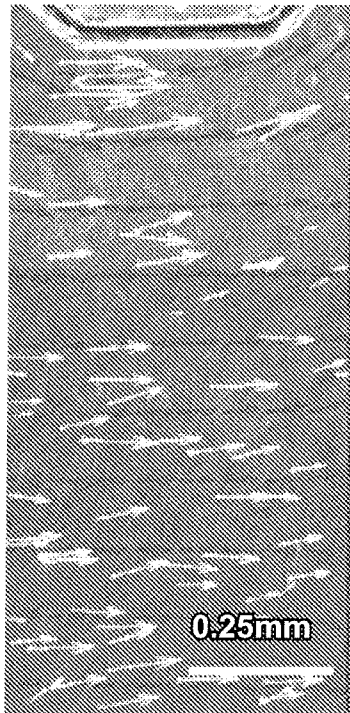


FIG. 16C

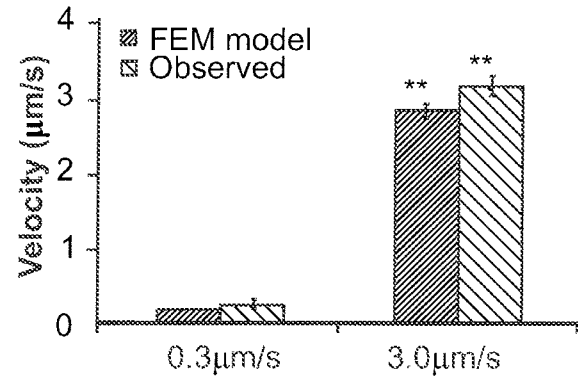


FIG. 16D

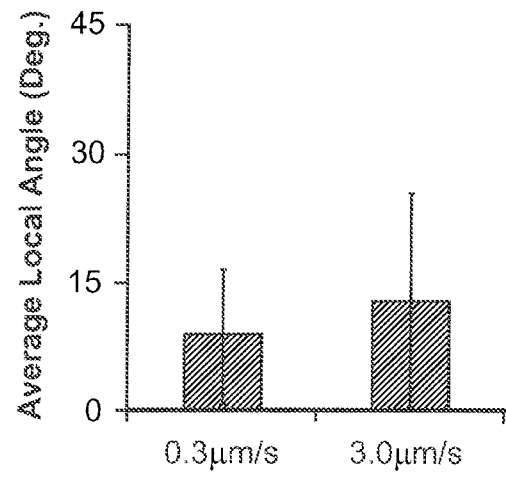


FIG. 17A

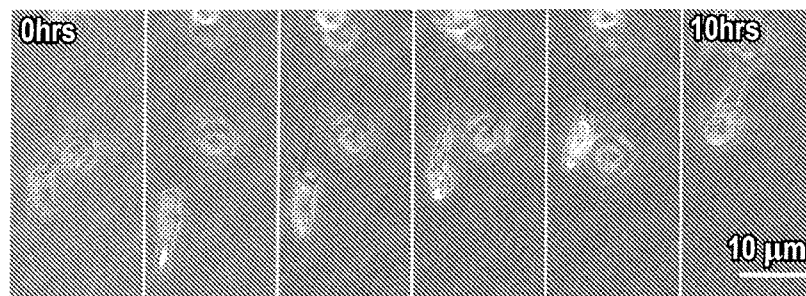


FIG. 17B

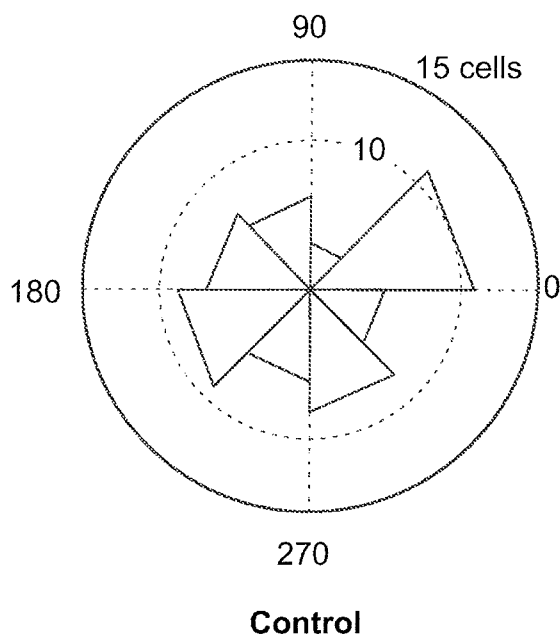


FIG. 17C

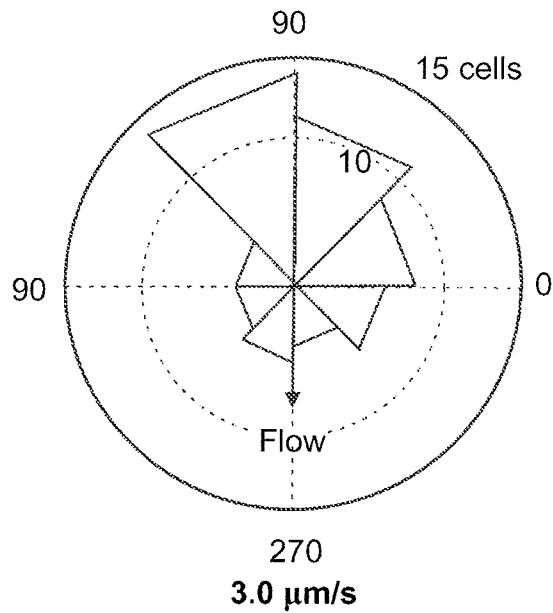


FIG. 17D

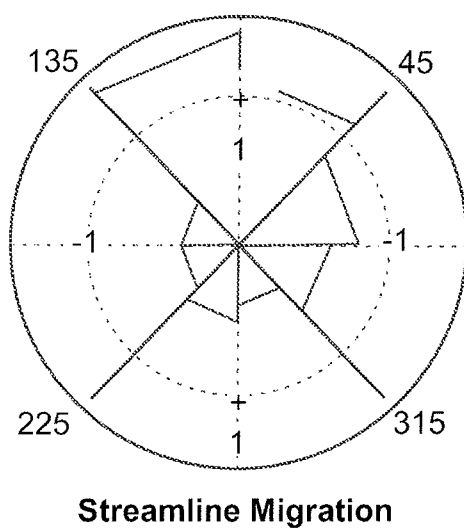


FIG. 17E

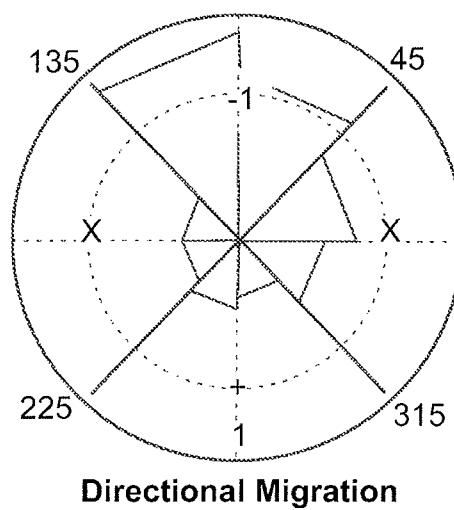


FIG. 18A

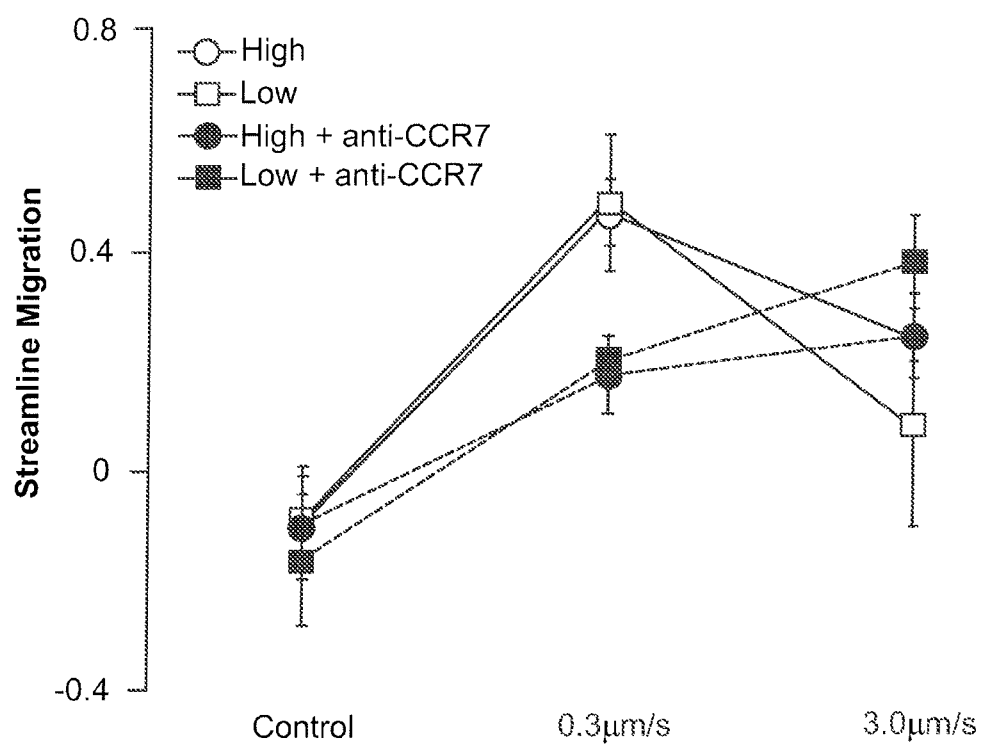
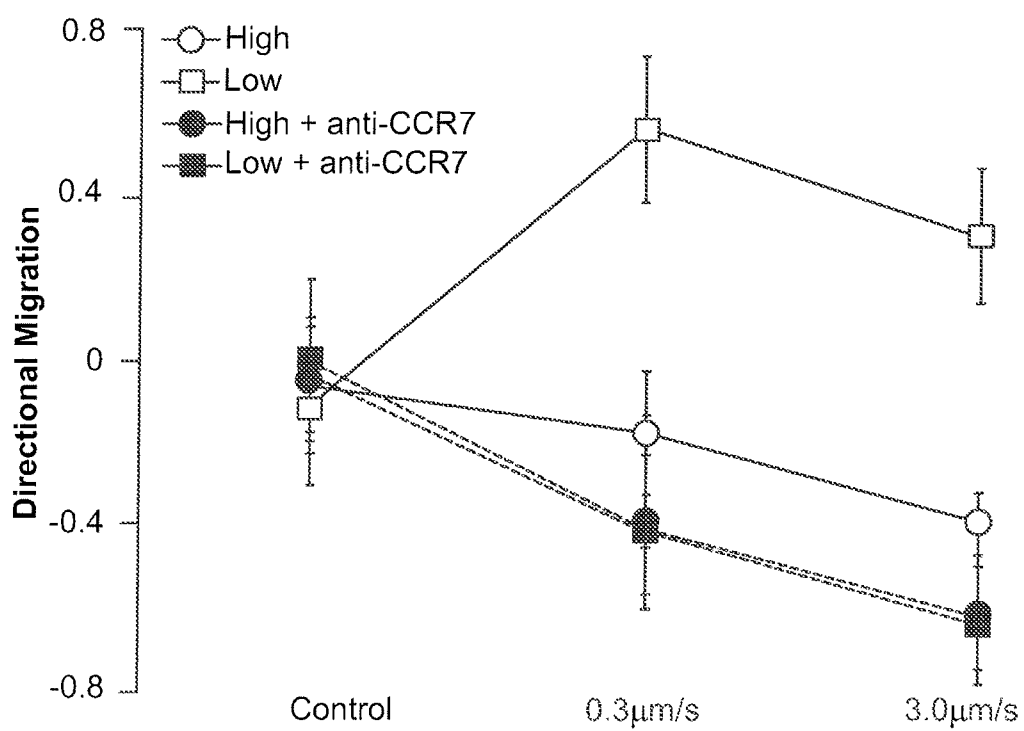


FIG. 18B



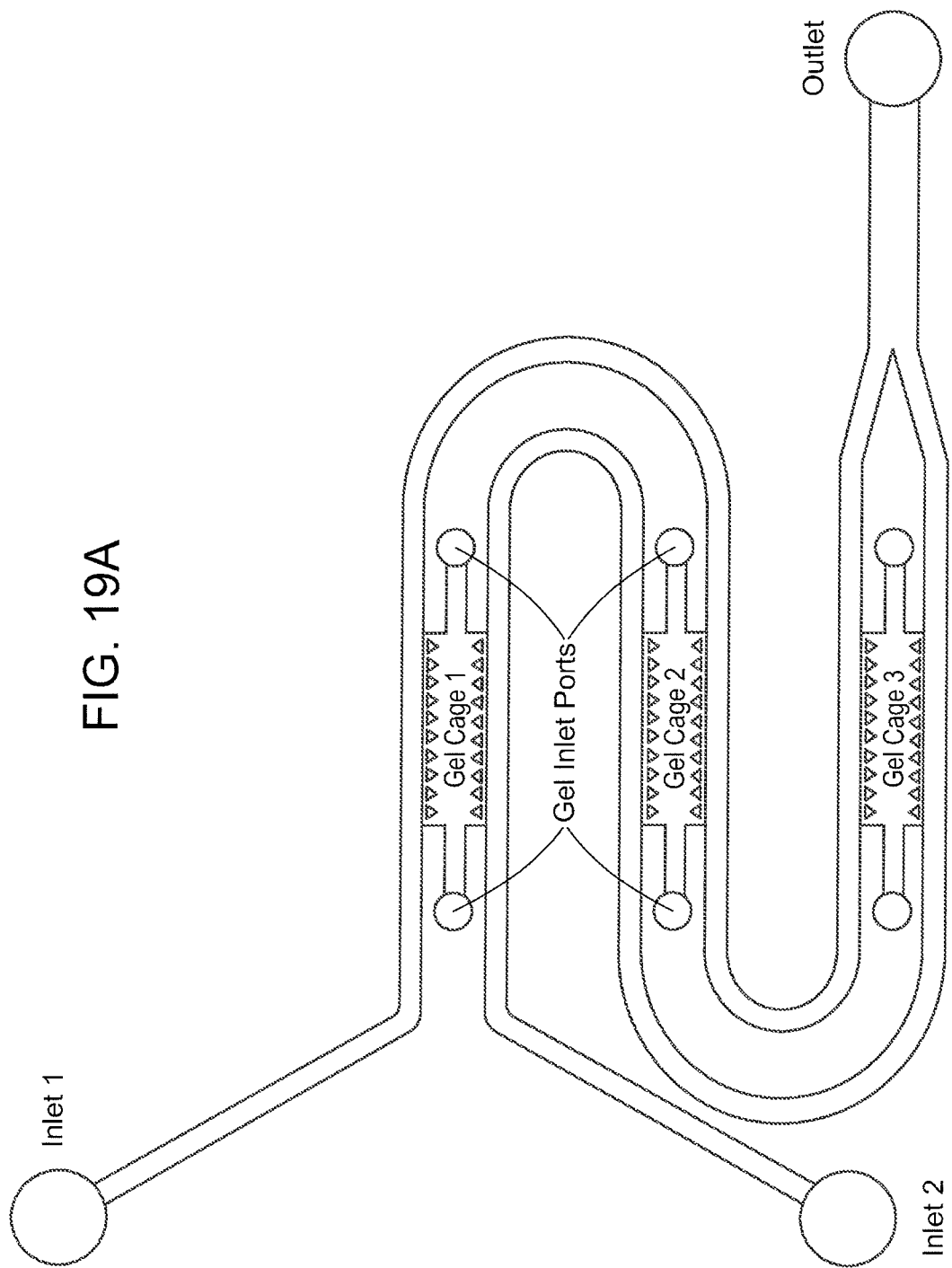


FIG. 19A

FIG. 19B

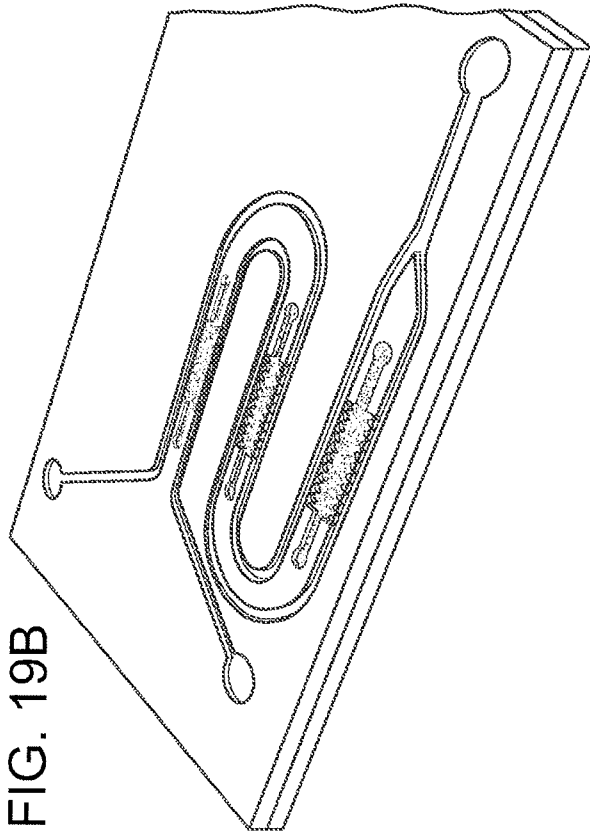
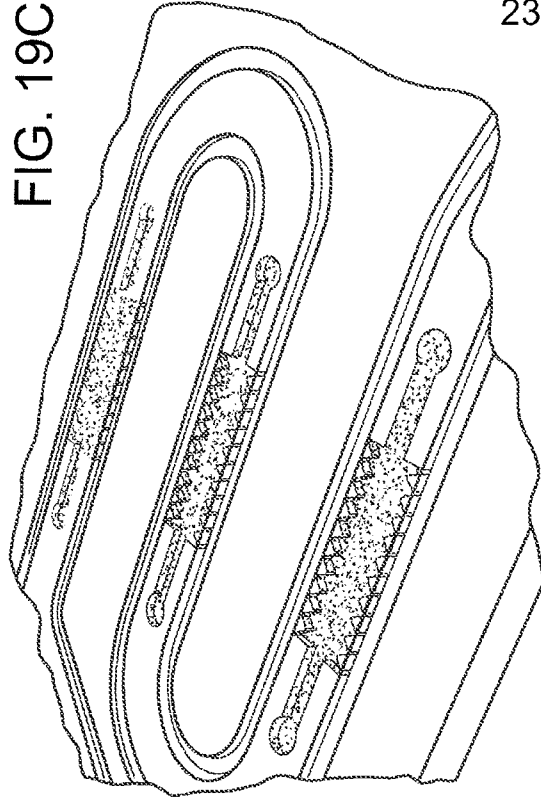


FIG. 19C



23

FIG. 19D

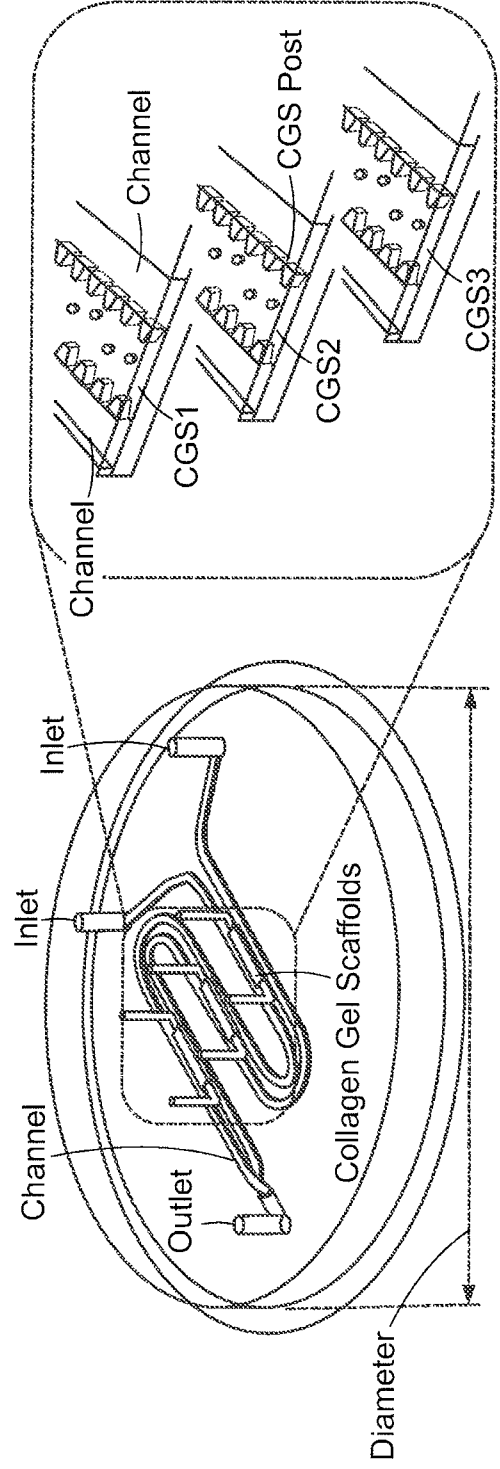


FIG. 20A

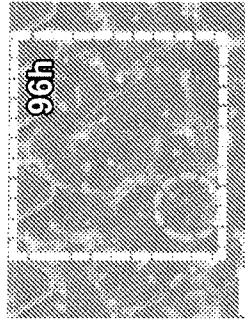


FIG. 20B

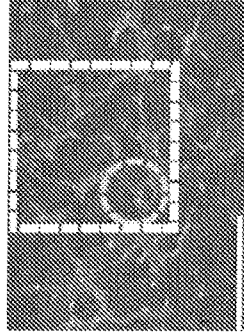


FIG. 21A

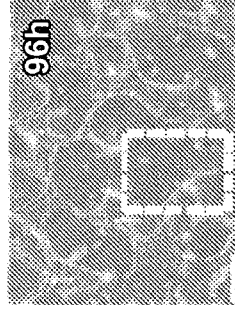


FIG. 21B

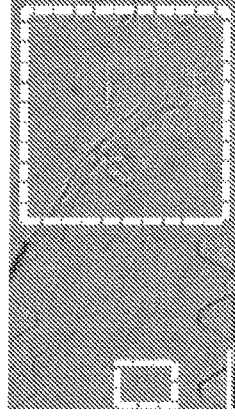


FIG. 22A

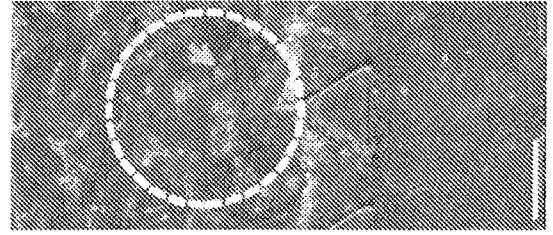


FIG. 22B

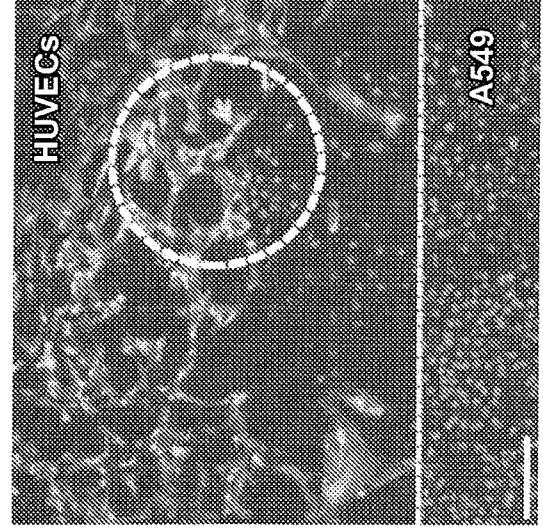


FIG. 22C

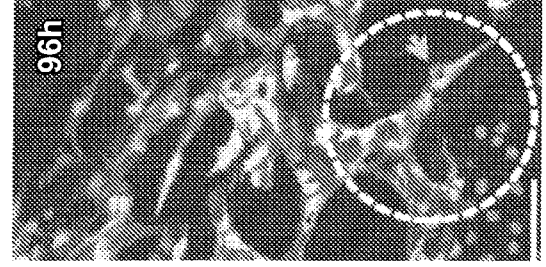


FIG 22D

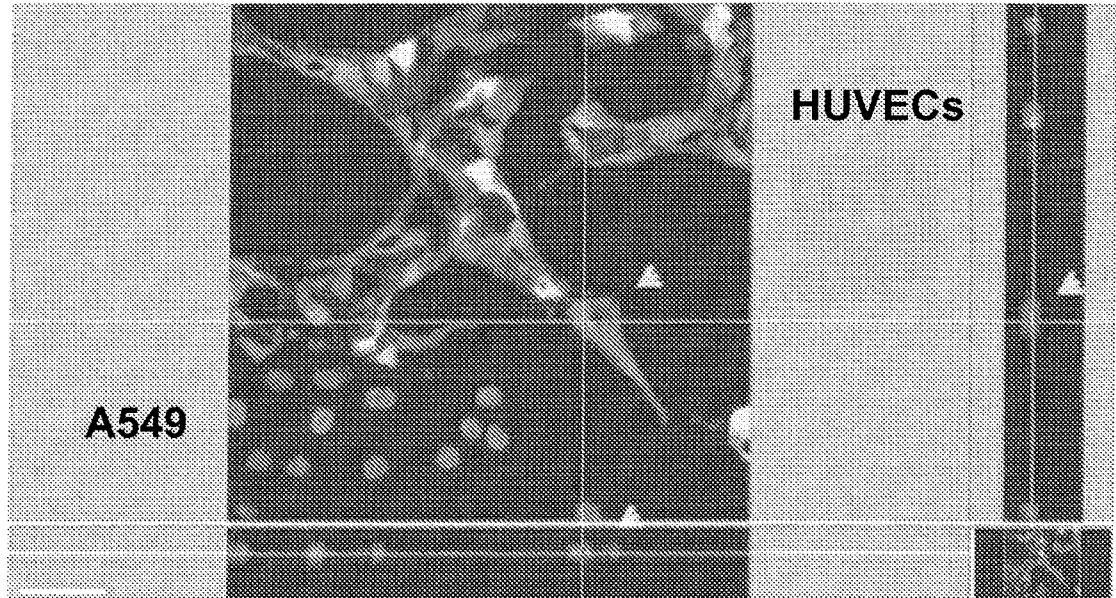


FIG 23A

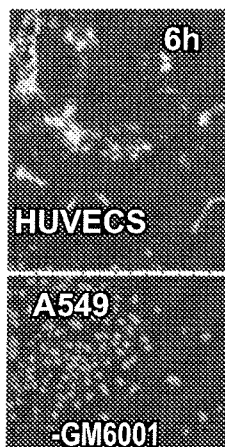


FIG 23B

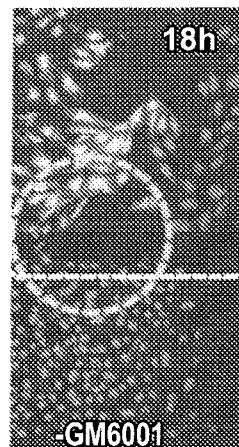


FIG 23C

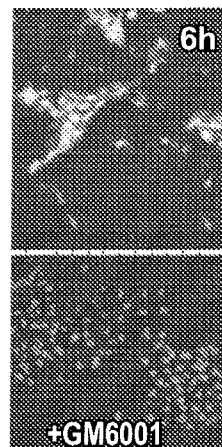


FIG 23D

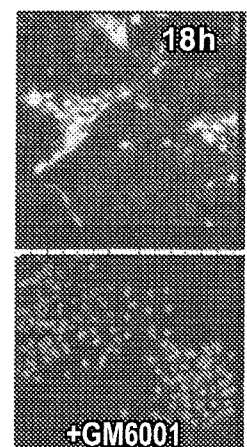


FIG. 24

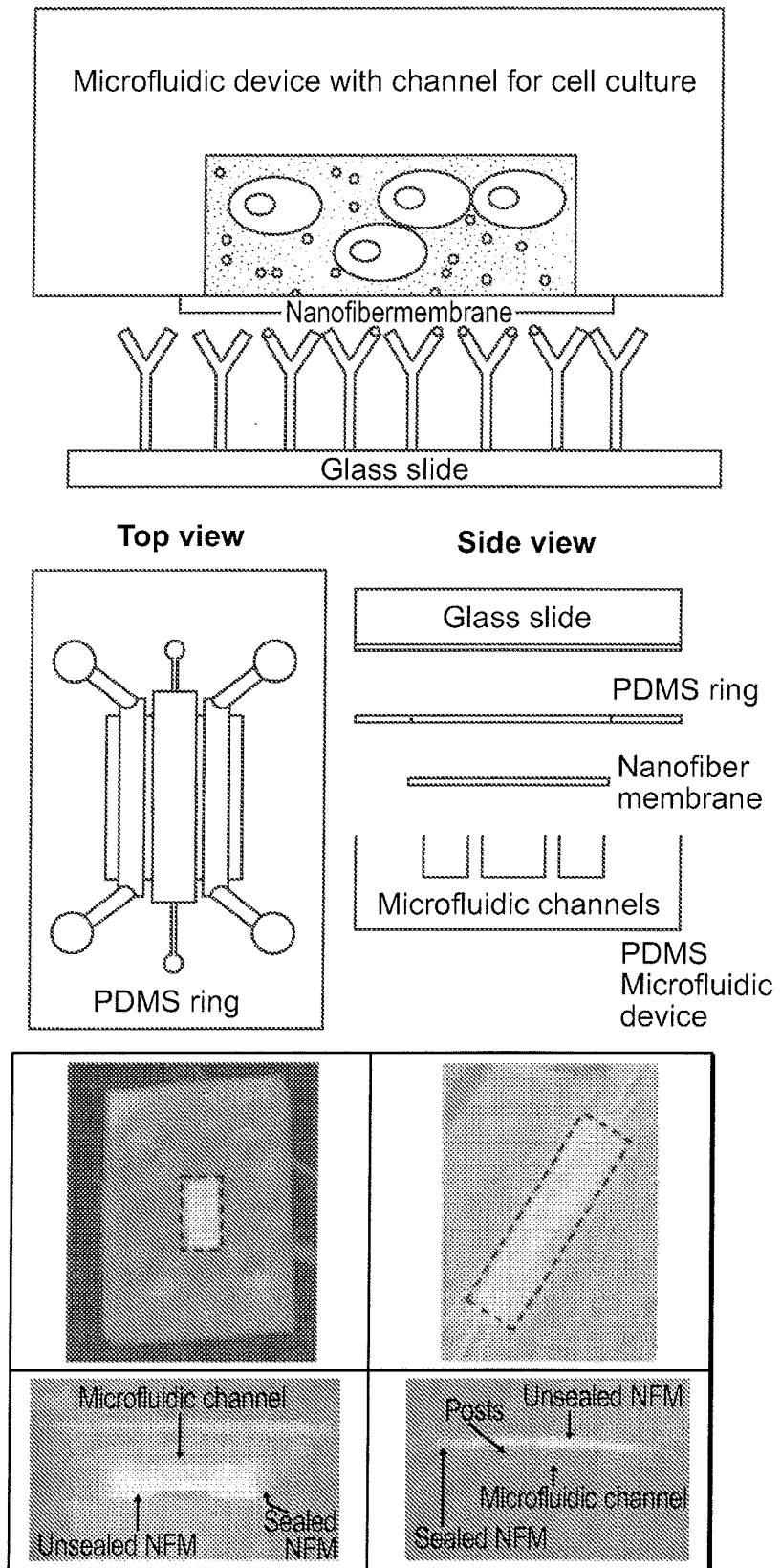


FIG. 25

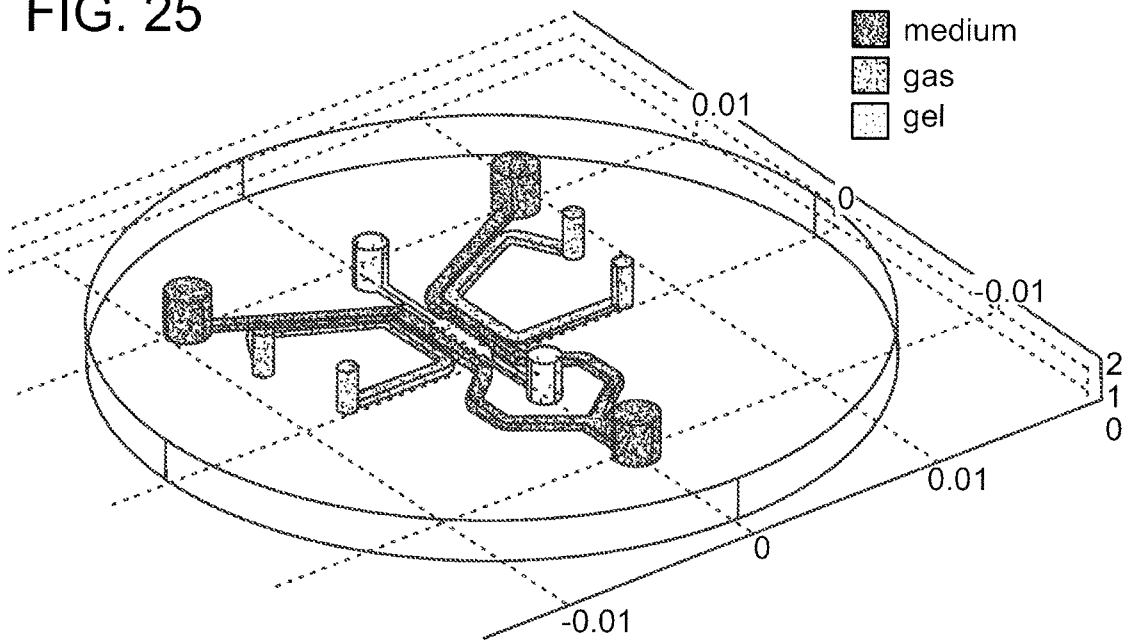
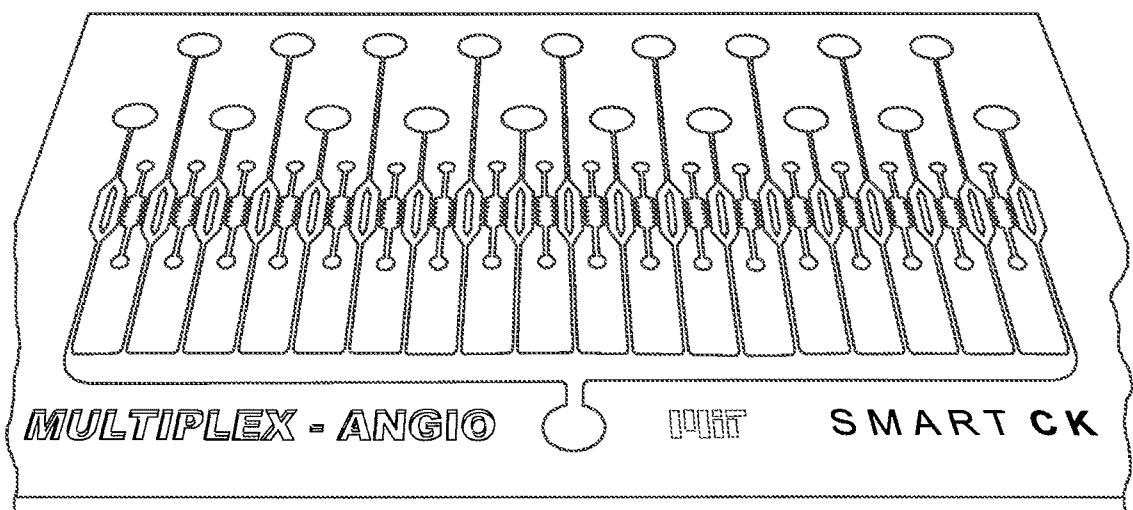


FIG. 26A



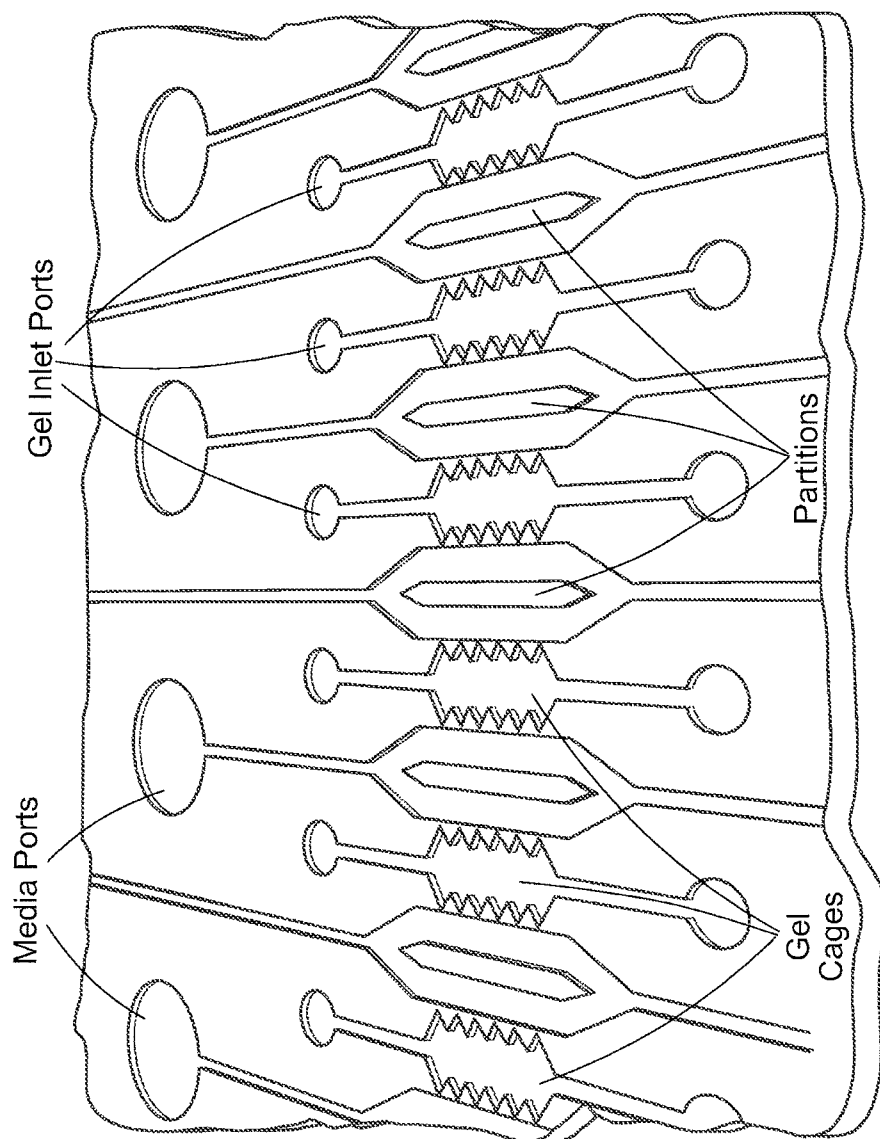


FIG. 26B