

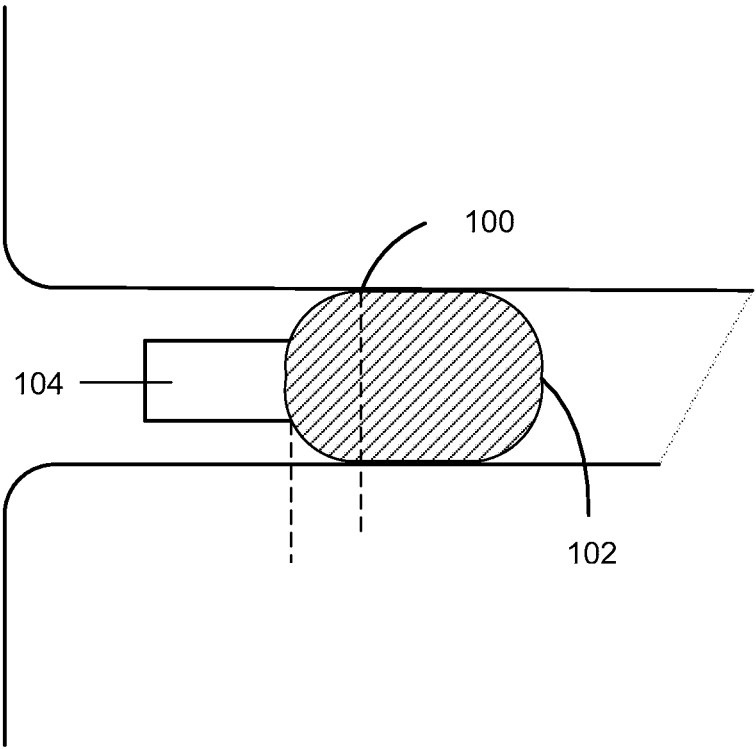


FIG. 1

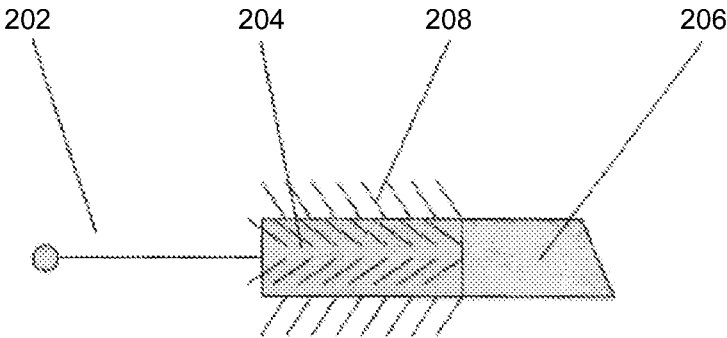


FIG. 2A

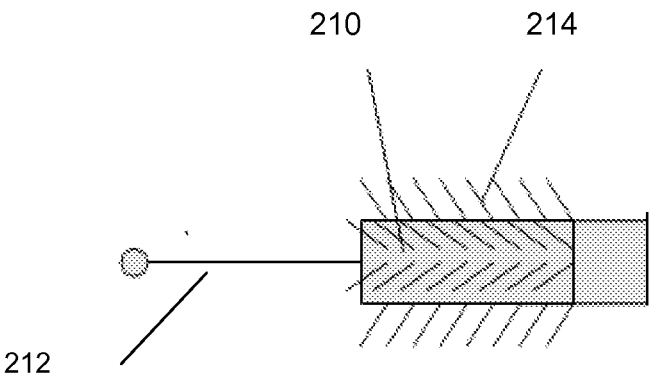


FIG. 2B

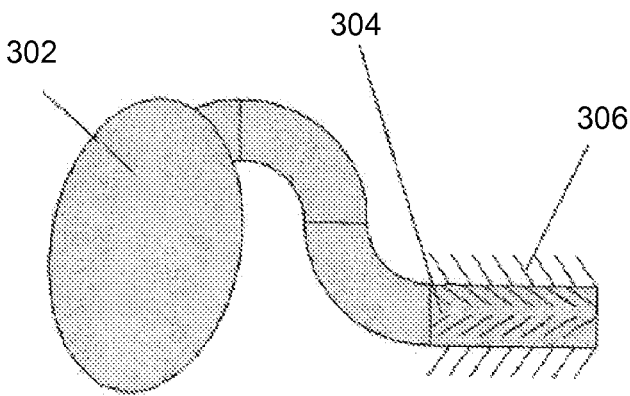
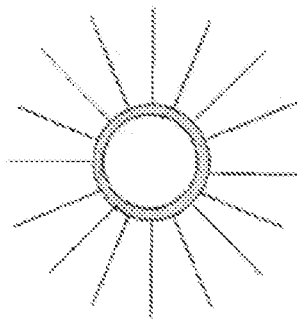


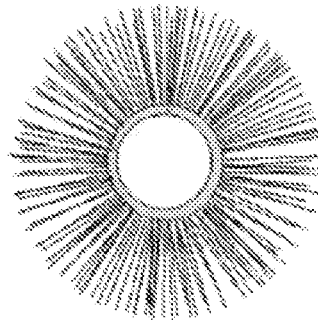
FIG. 3

3/8



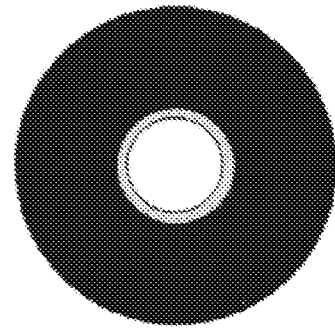
"More open"

FIG. 4A



"More closed"

FIG. 4B



"Even More closed"

FIG. 4C

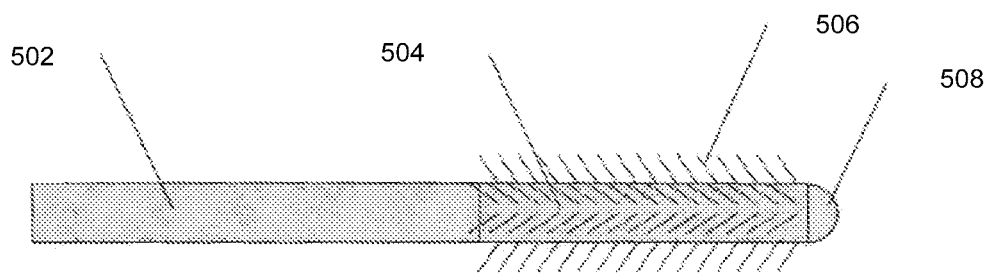


FIG. 5

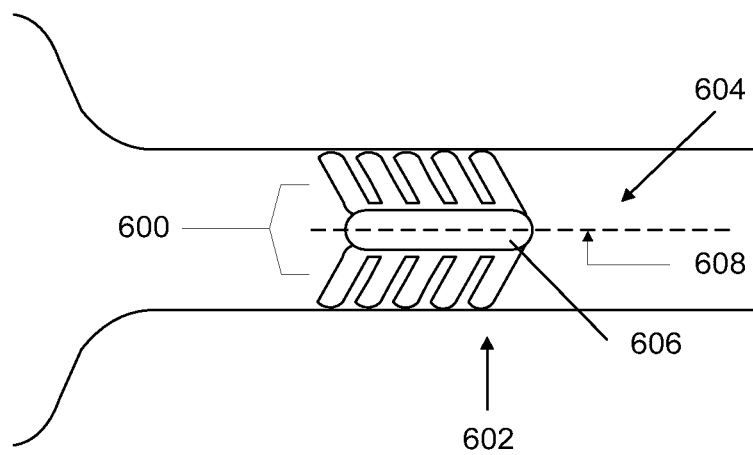


FIG. 6

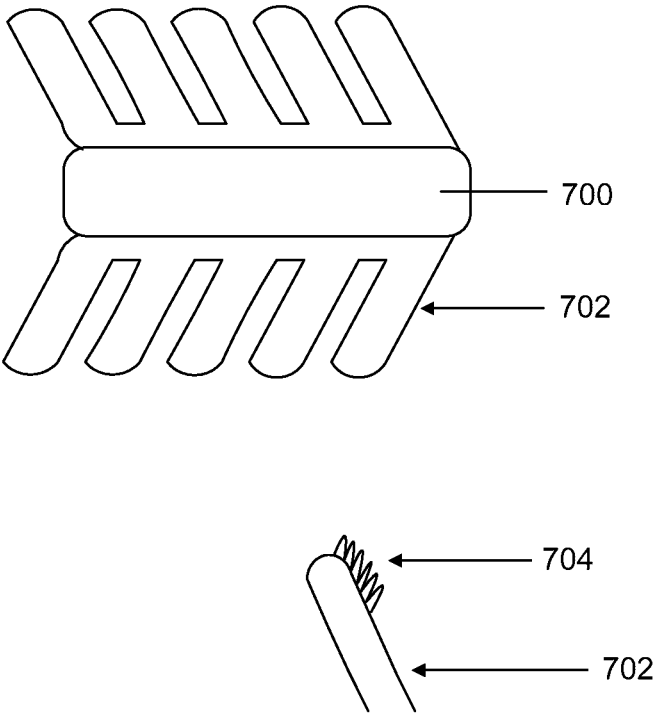


FIG. 7

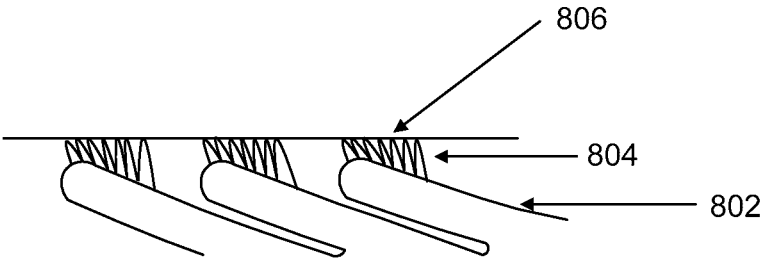


FIG. 8

5/8

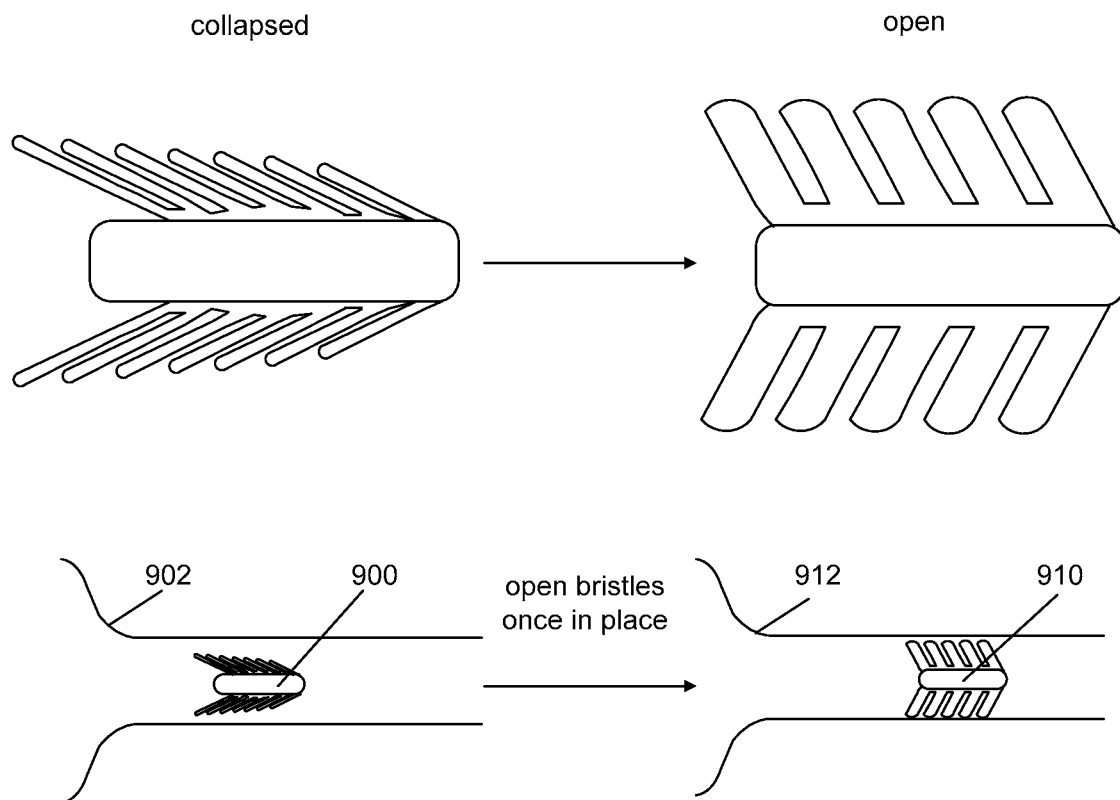


FIG. 9A

FIG. 9B

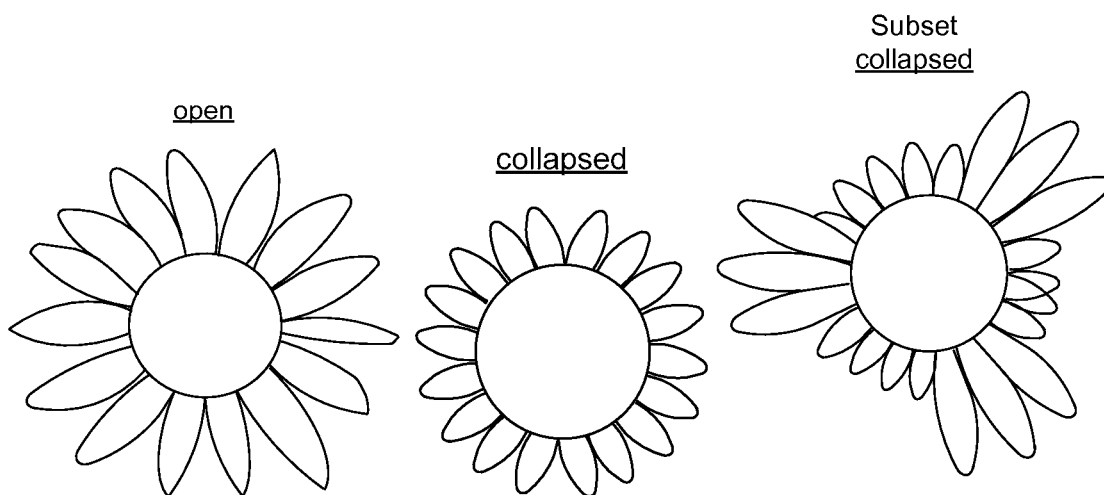
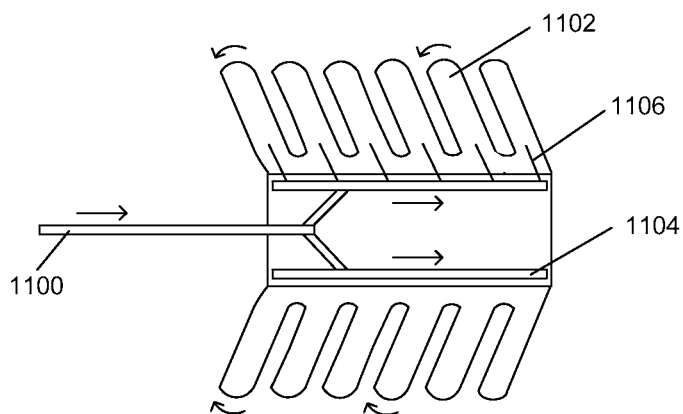


FIG. 10A

FIG. 10B

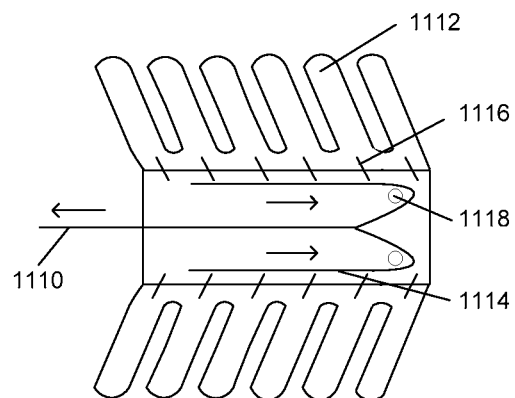
FIG. 10C

6/8



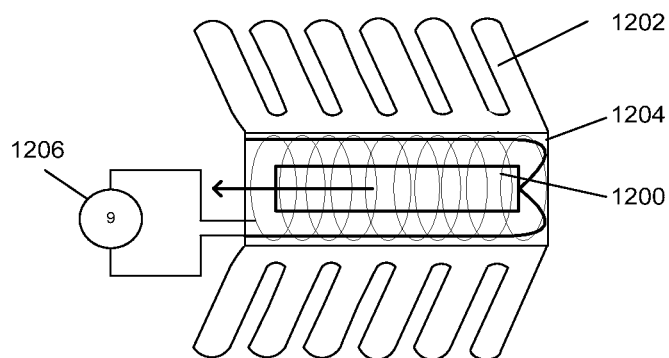
pushing rod collapses bristles

FIG. 11A



Pulling string collapses bristles

FIG. 11B



Current controls bristle angles

FIG. 12

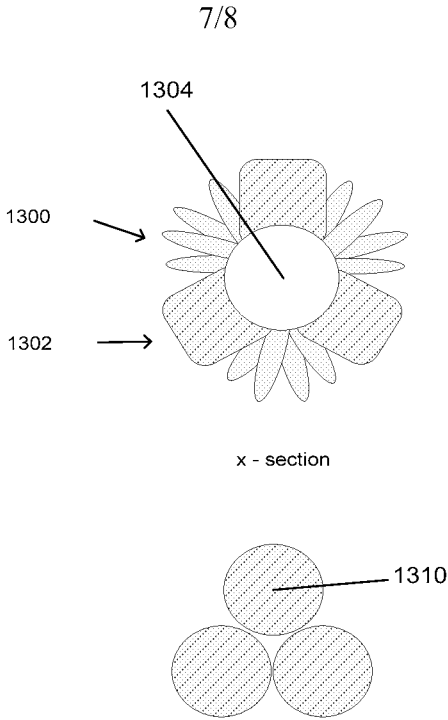


FIG. 13

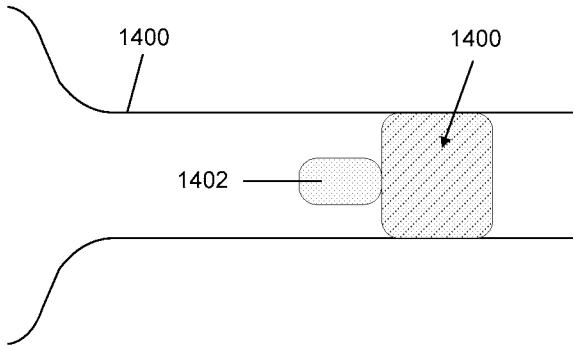


FIG. 14A

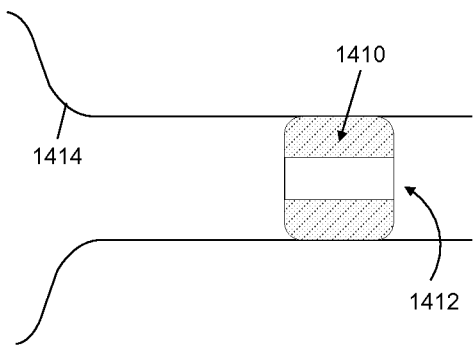


FIG. 14B

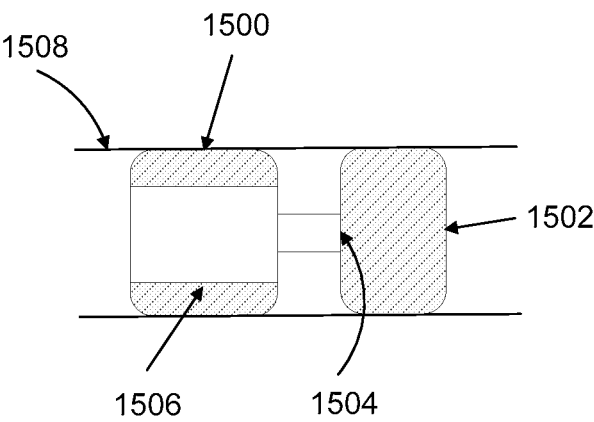


FIG. 15

cross-sections of variants

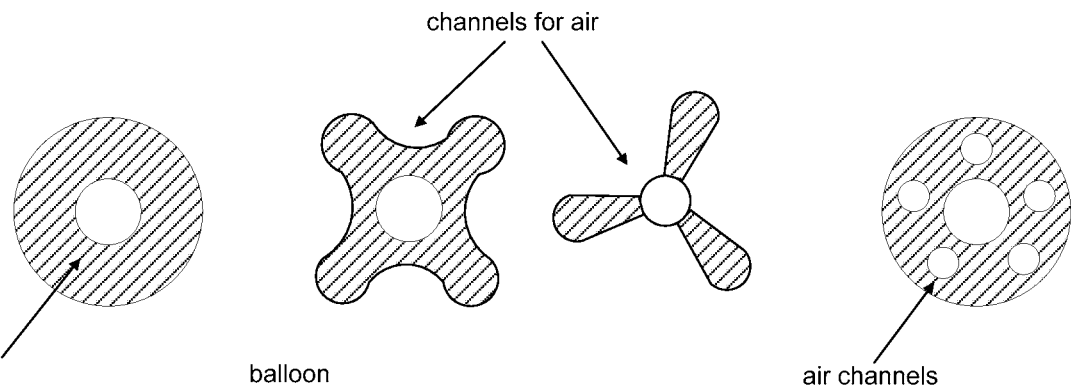


FIG. 16A

FIG. 16B

FIG. 16C

FIG. 16D