

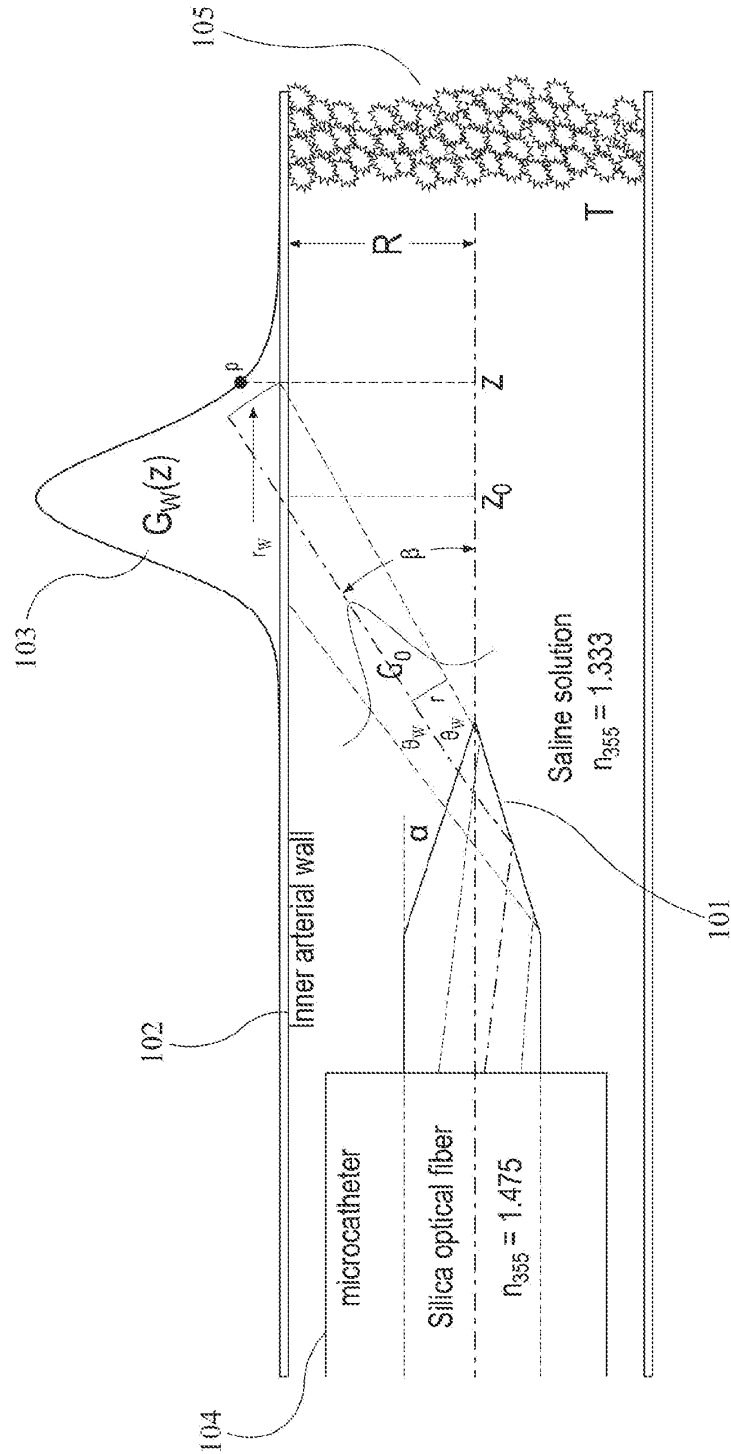


FIG. 1A

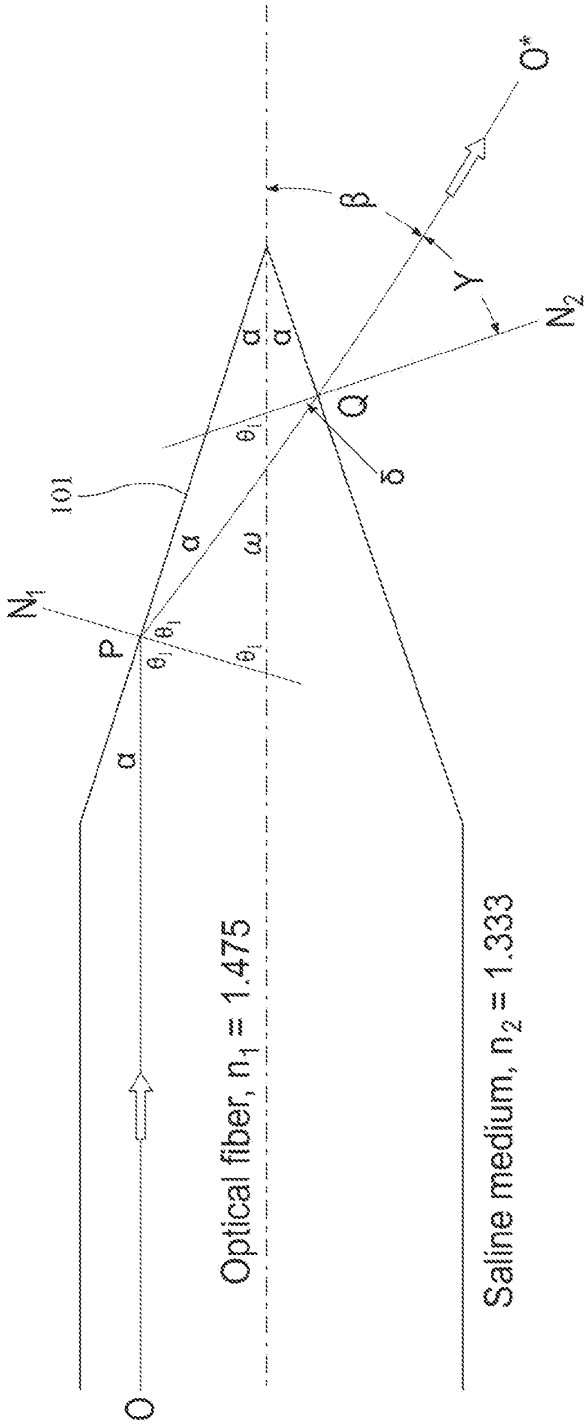
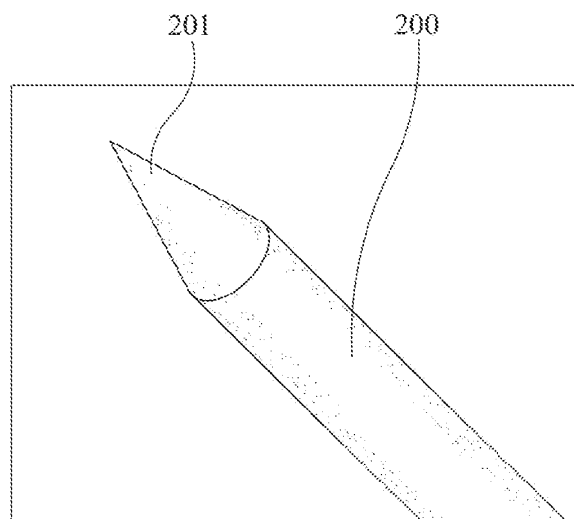
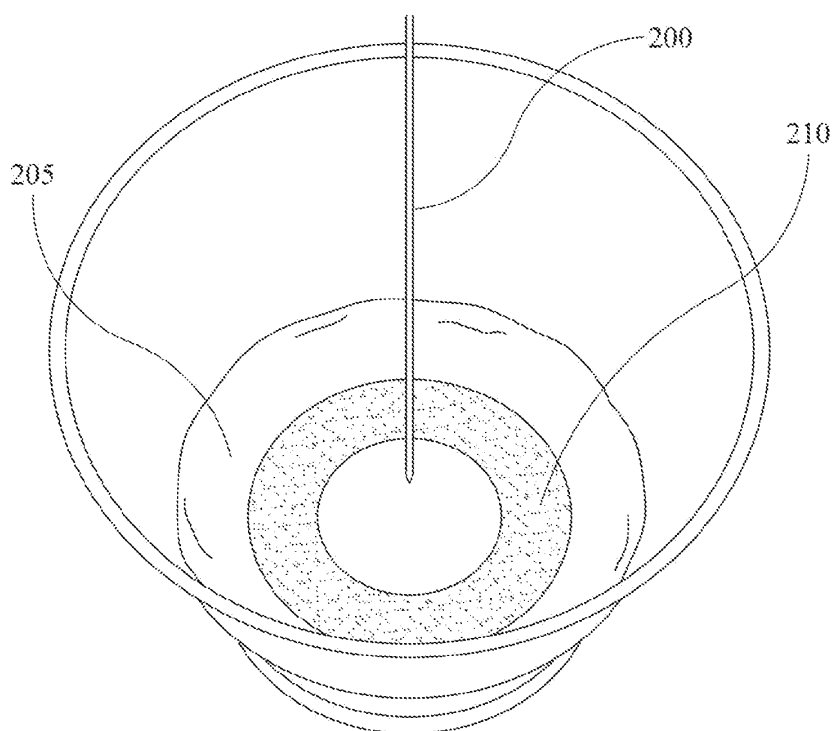


FIG. 1B



Conical-tip optical fiber ($d = 100 \text{ um}$)

FIG. 2A



UV laser ring beam in water emitted from conical tip optical fiber

FIG. 2B

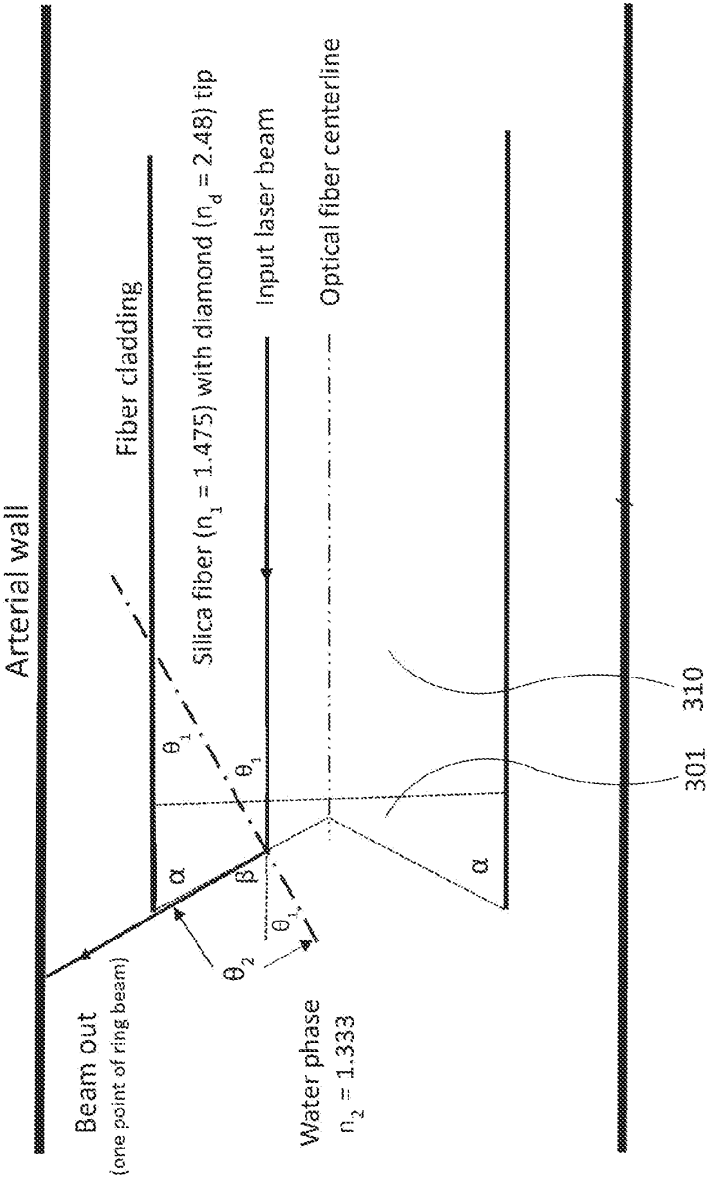


FIG. 3

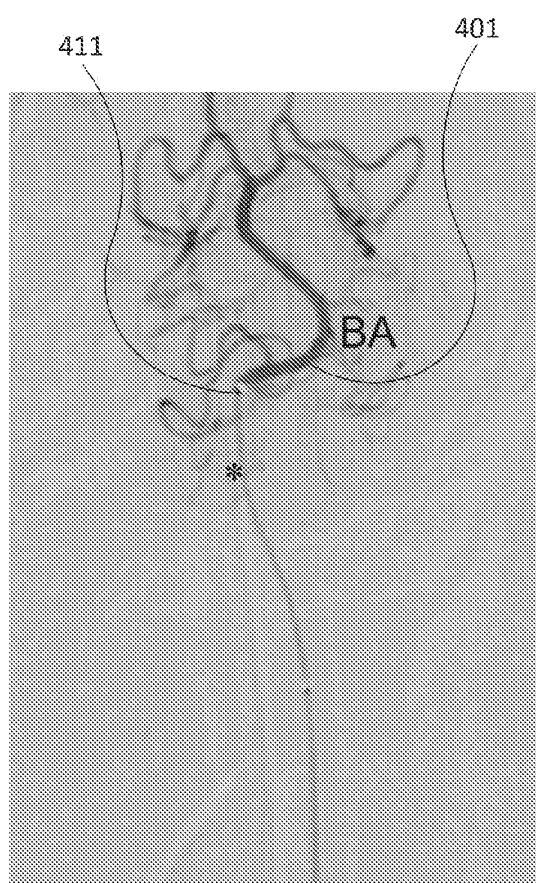


FIG. 4A

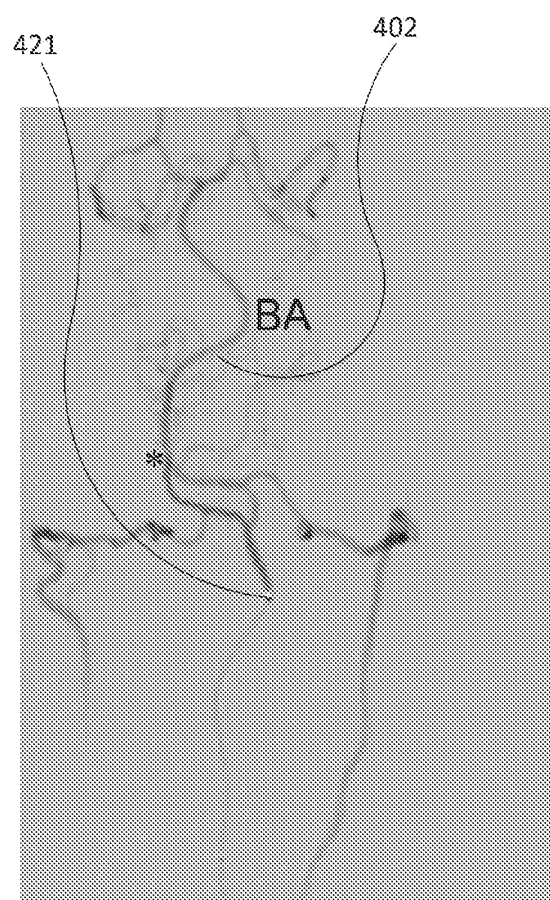


FIG. 4B

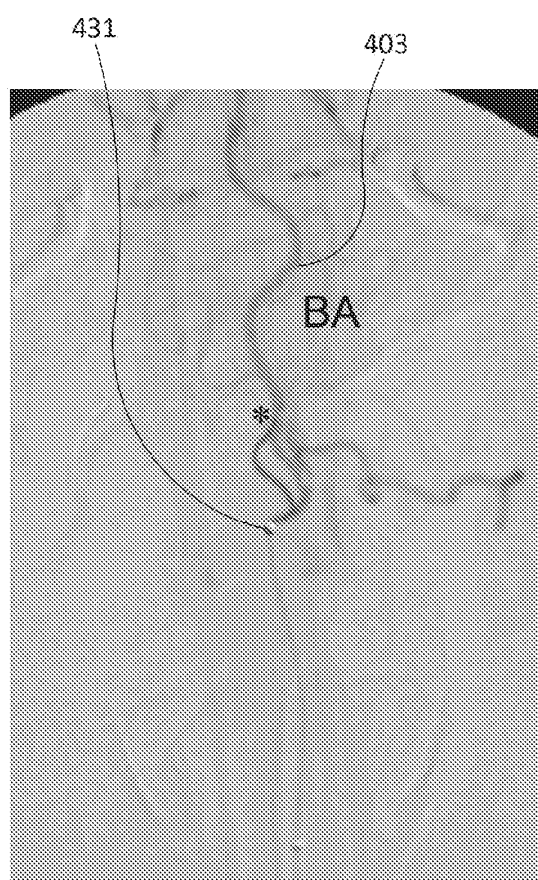
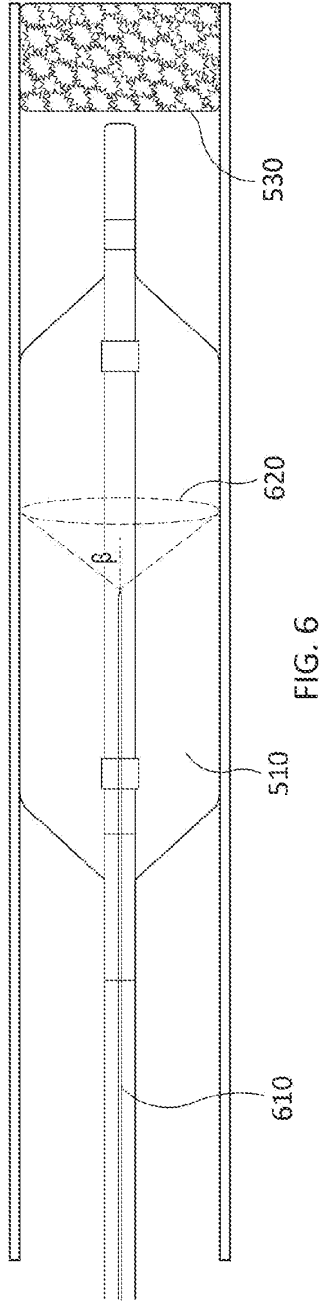
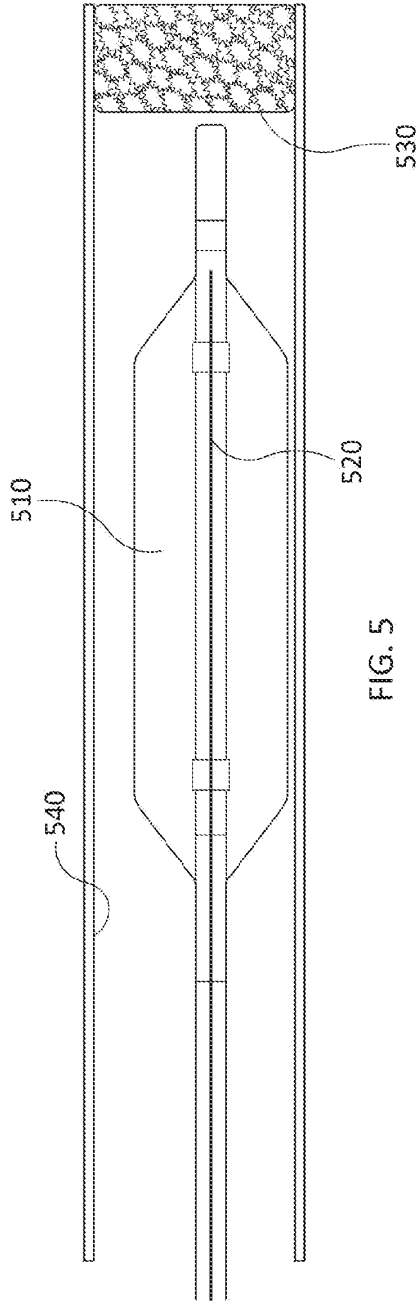
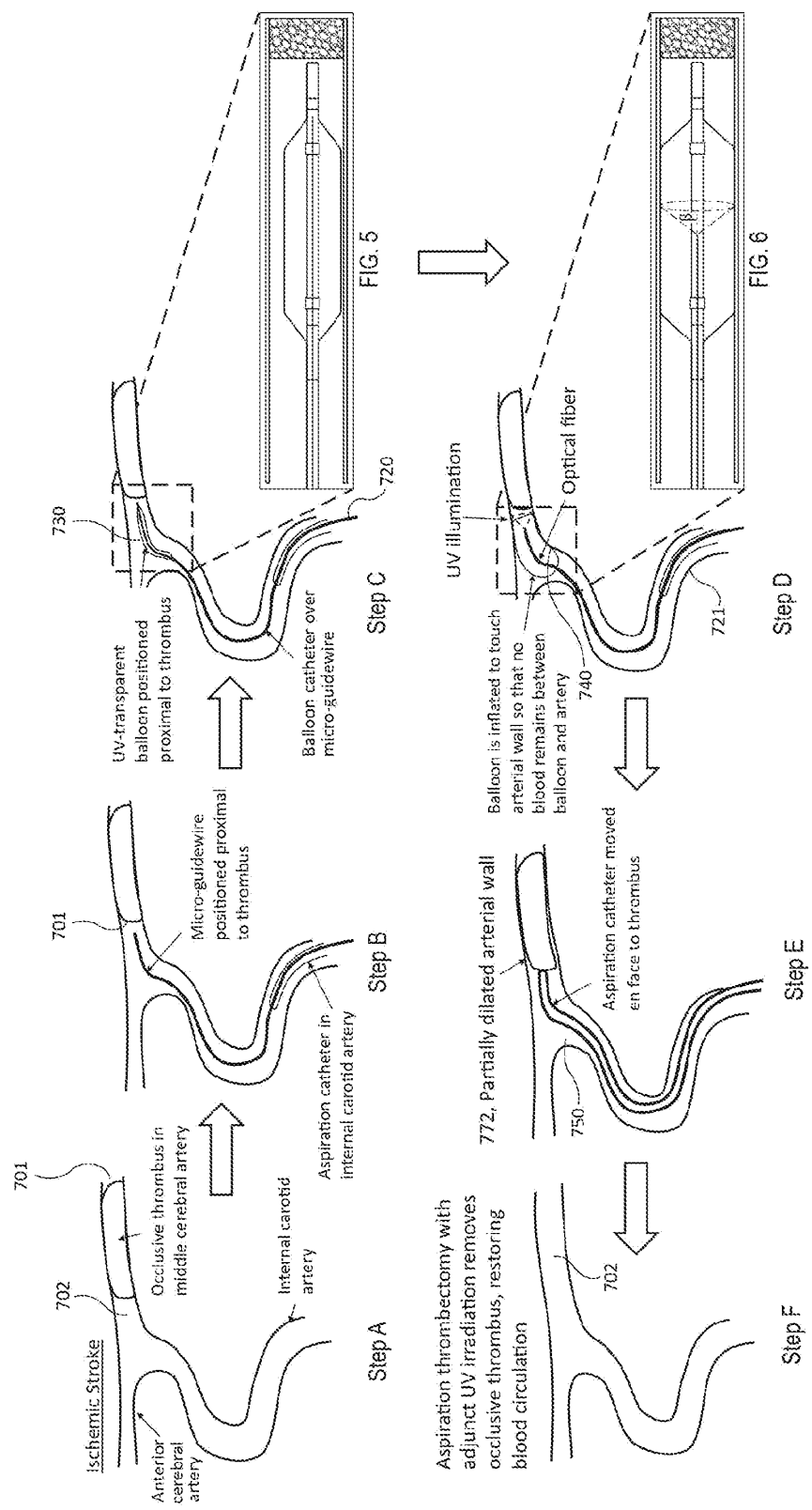
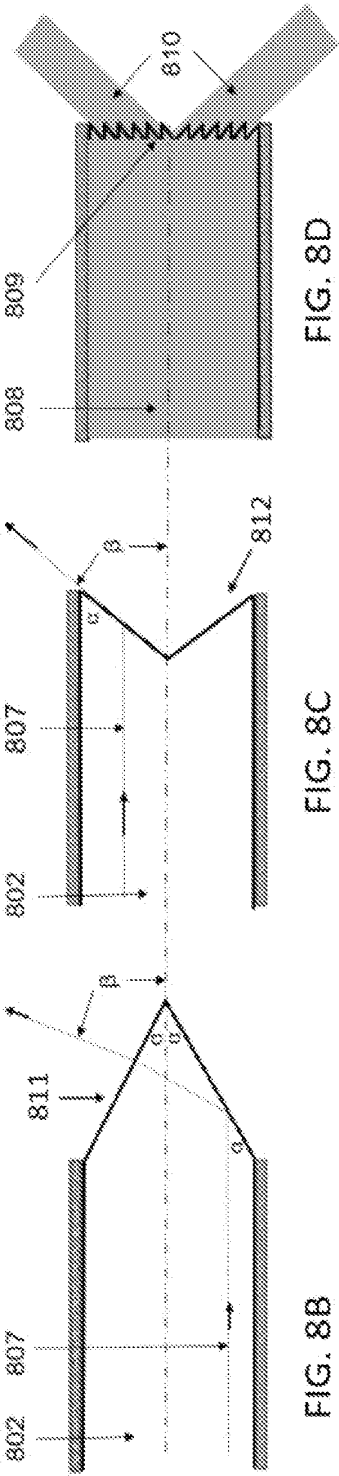
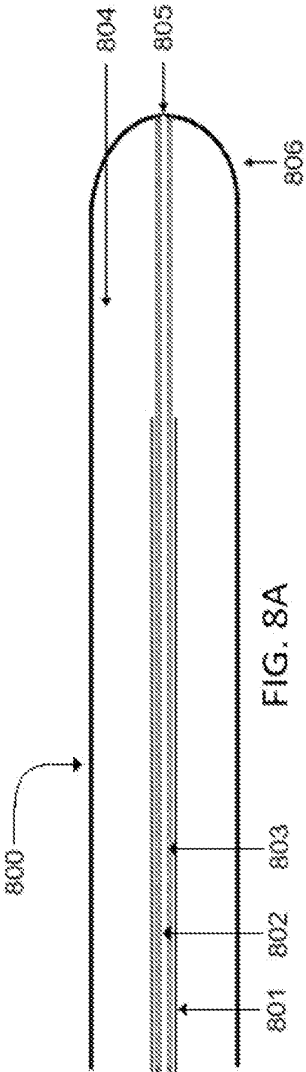


FIG. 4C







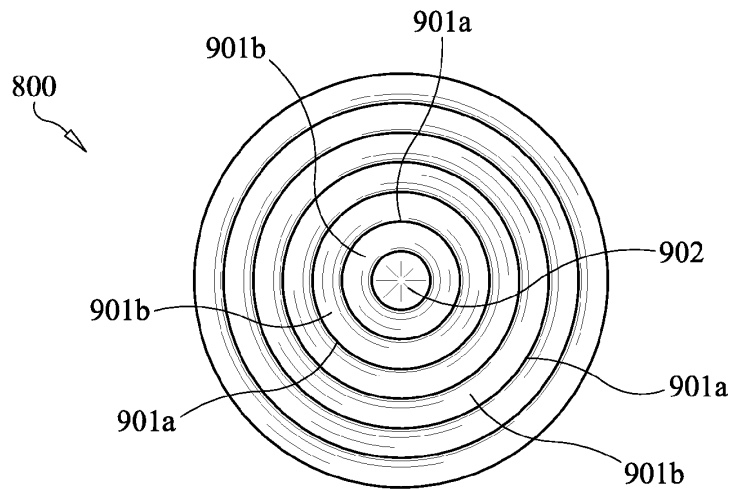


FIG. 9A

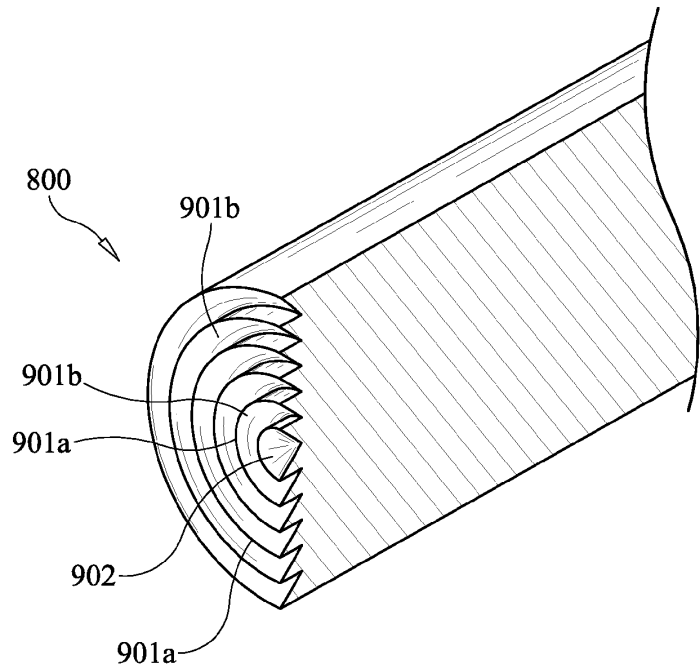


FIG. 9B