

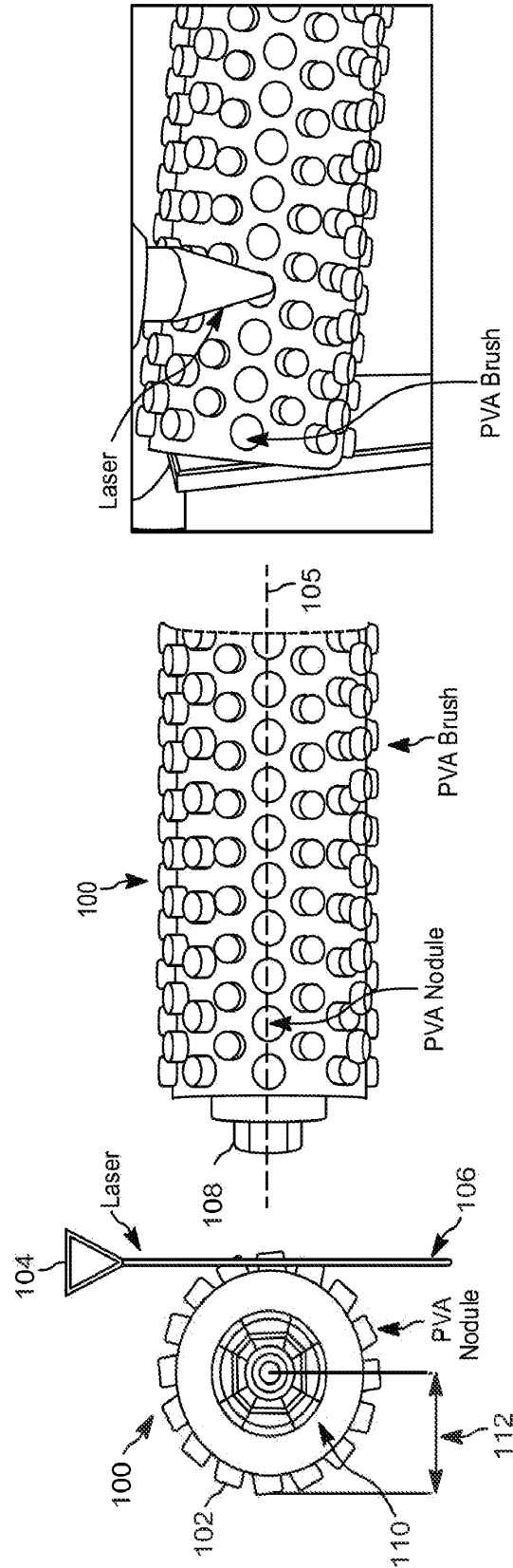
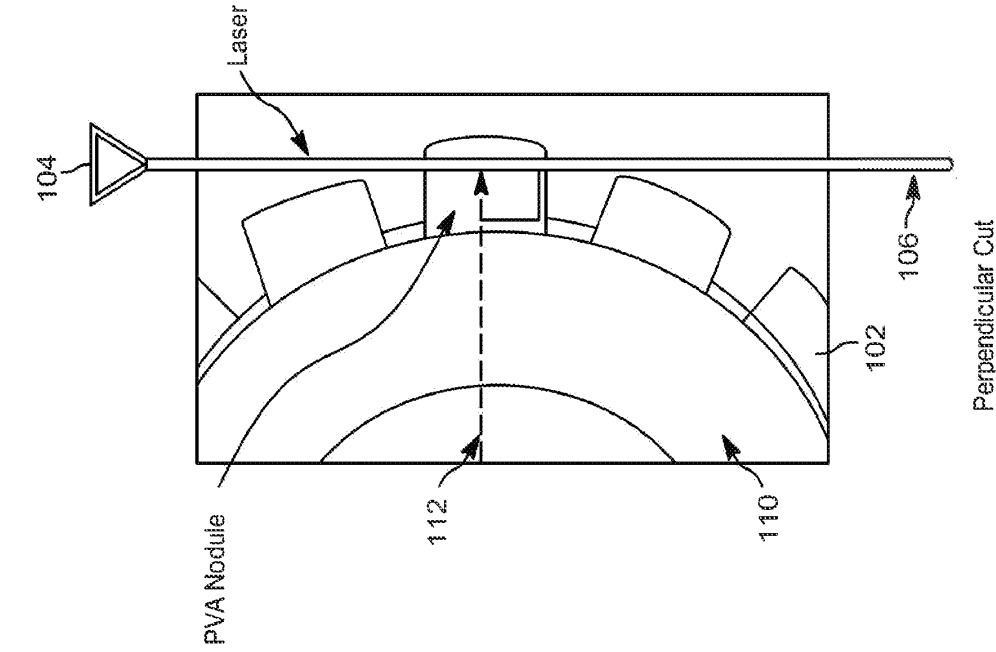
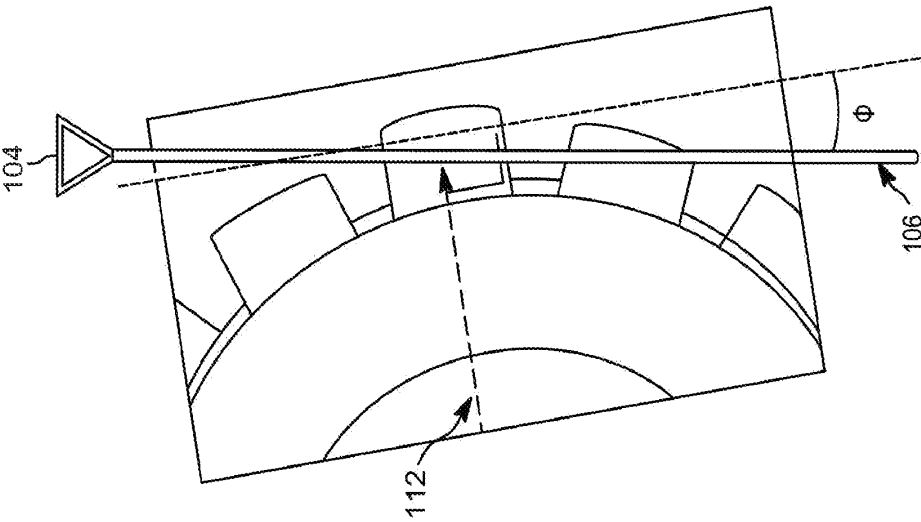


FIG. 1



Perpendicular Cut

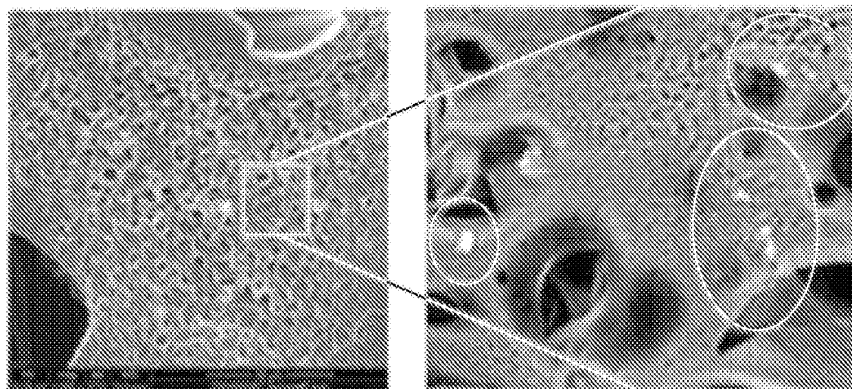
FIG. 2A



Angular Cut

FIG. 2B

Cu Post-CMP



Cu, O (EDX)
 Cu_xO_y Suspect

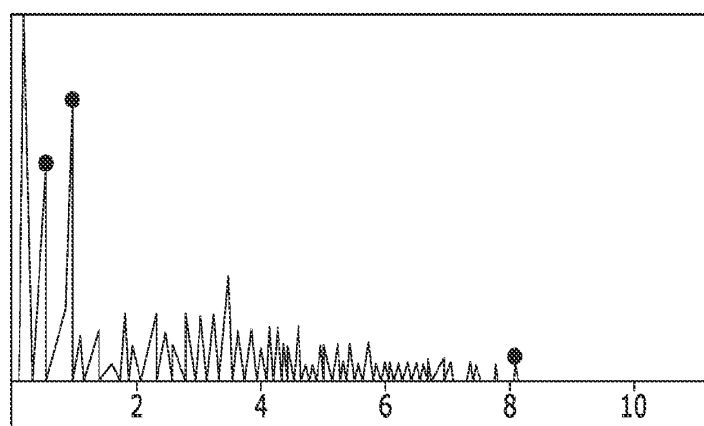


FIG. 3A

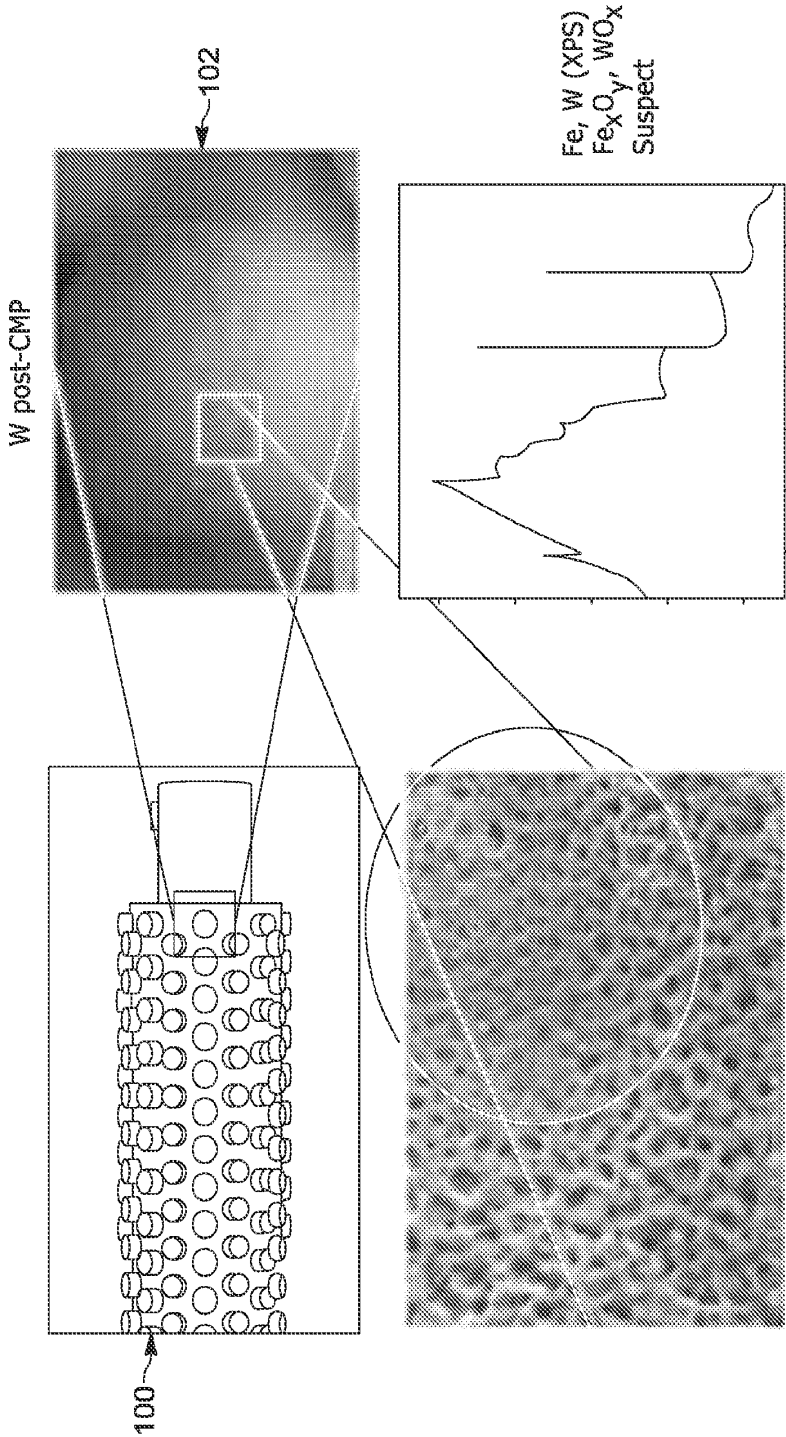
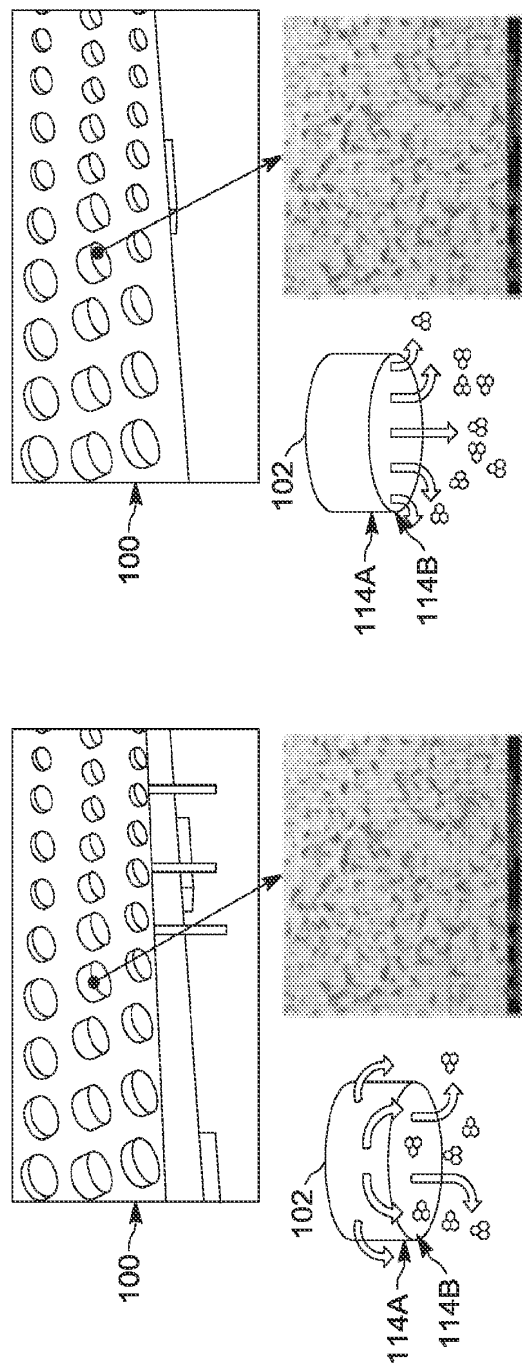


FIG. 3B



CO₂ Laser Cut Nodule Surface With :No Skin"

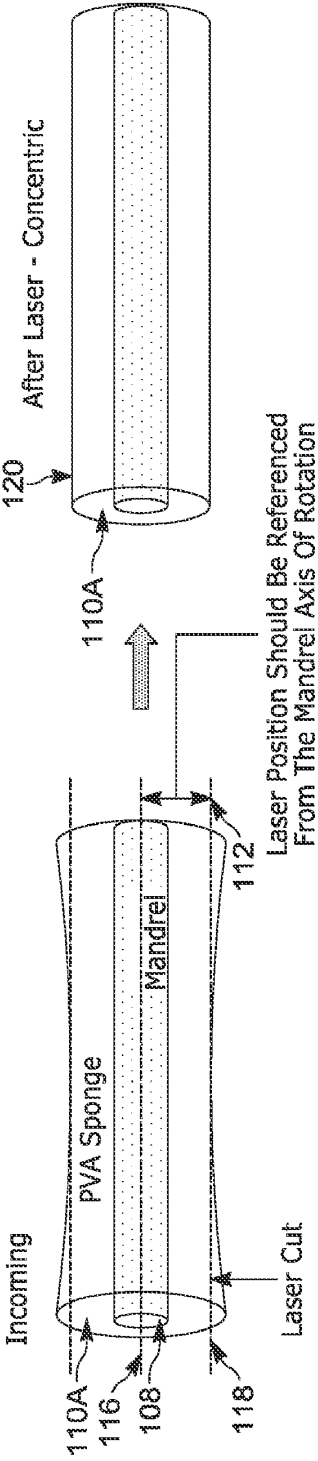
Result : Selective Nodule Flow

FIG. 4B

Uncut Nodule Surface With "Skin"

Result : Non-Selective Nodule Flow

FIG. 4A



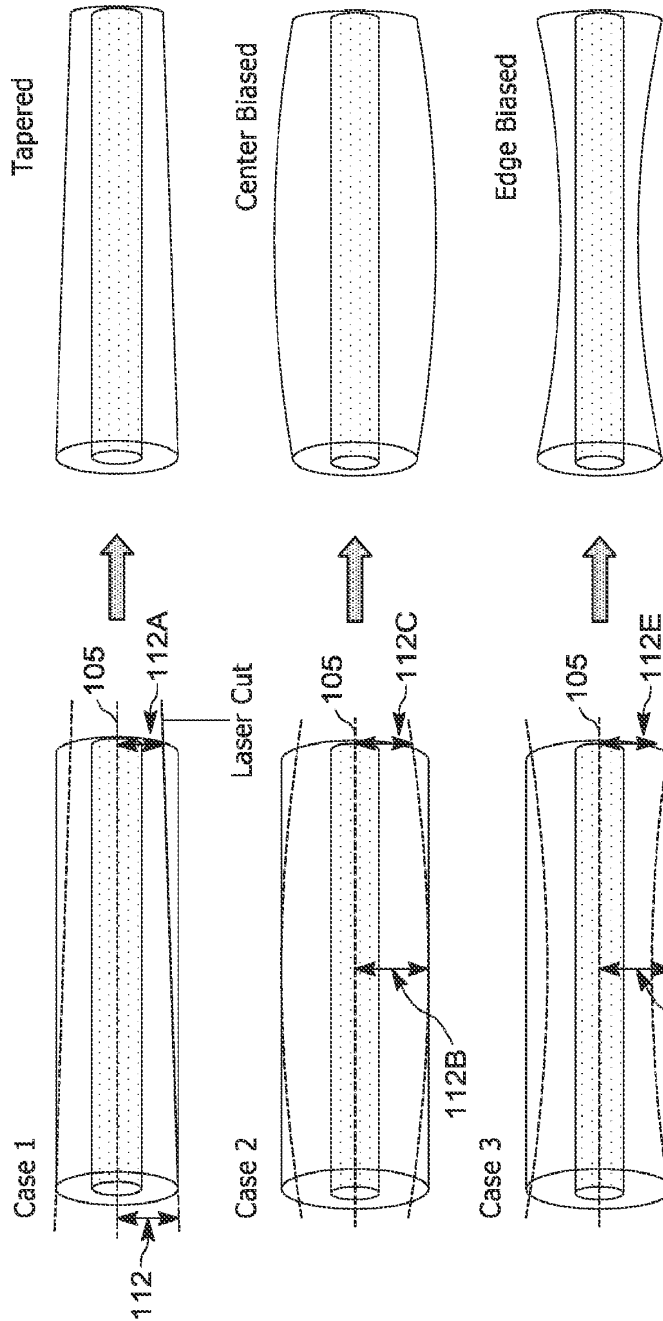


FIG. 6B

FIG. 6A

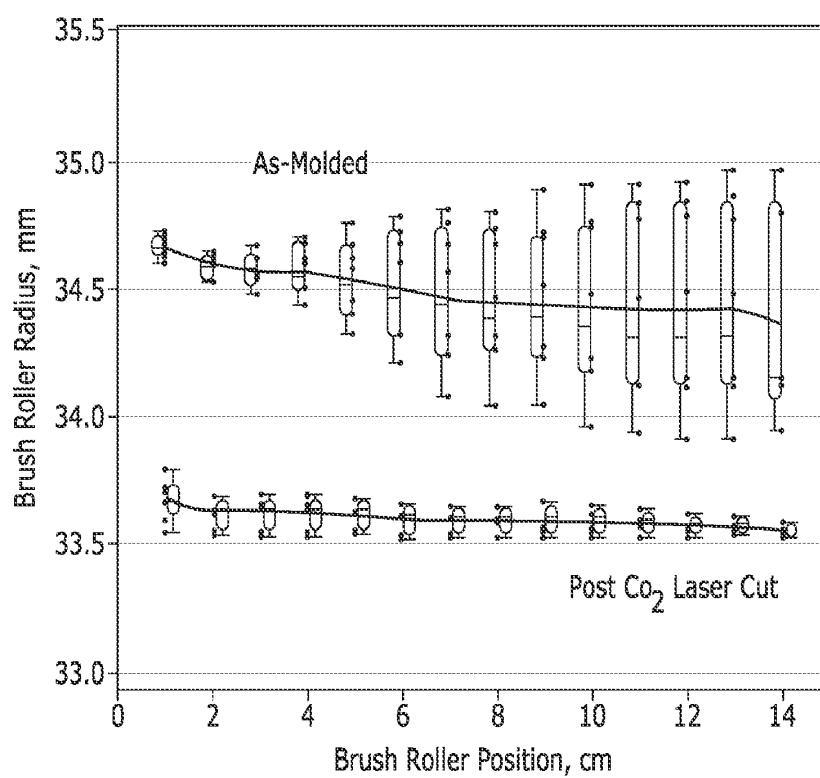
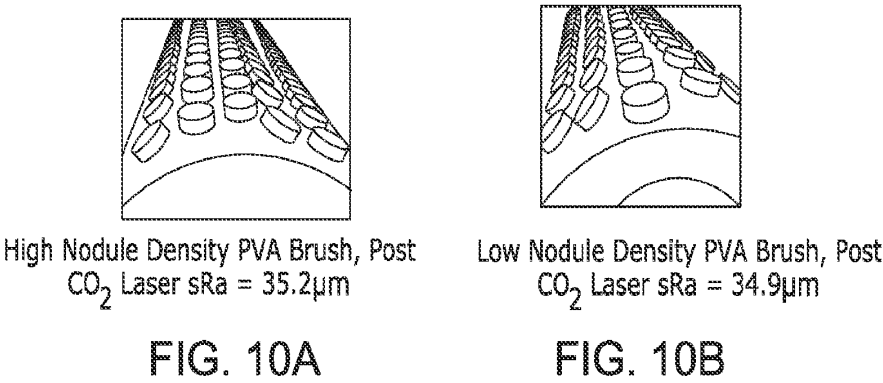
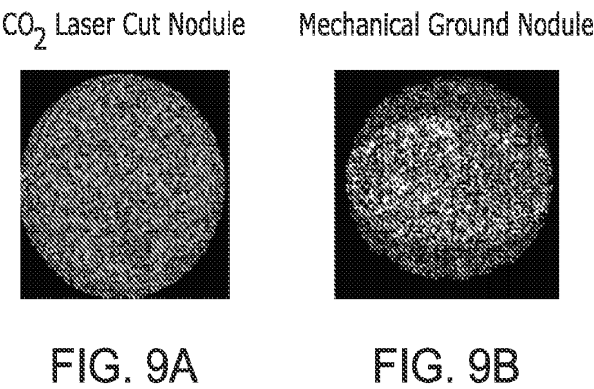
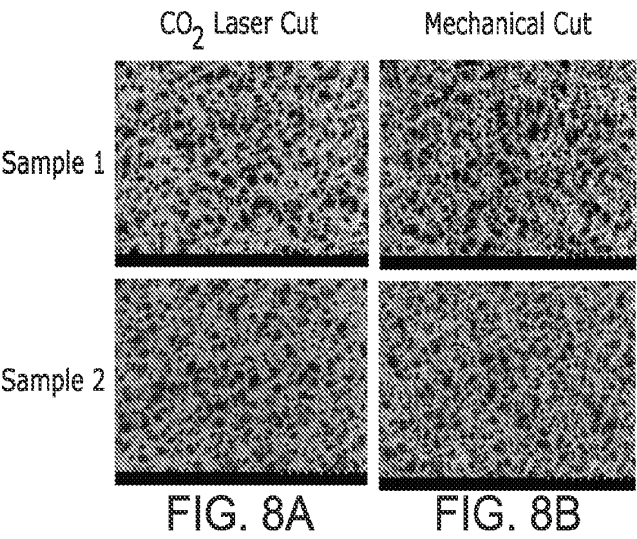
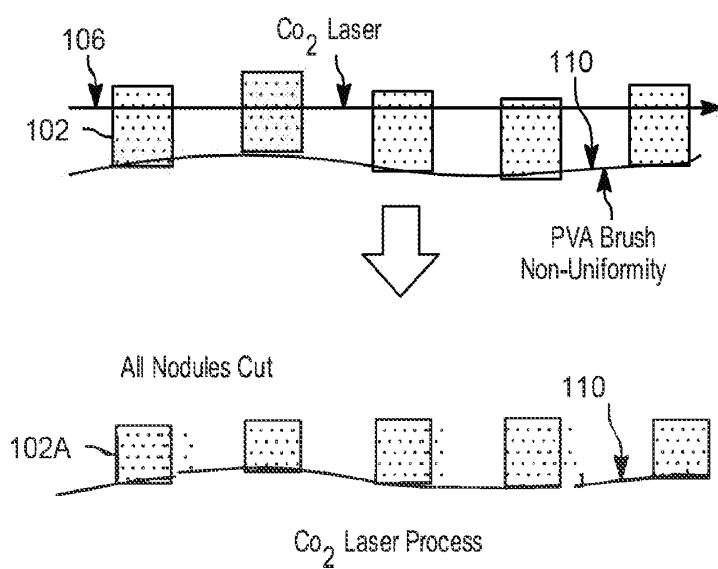
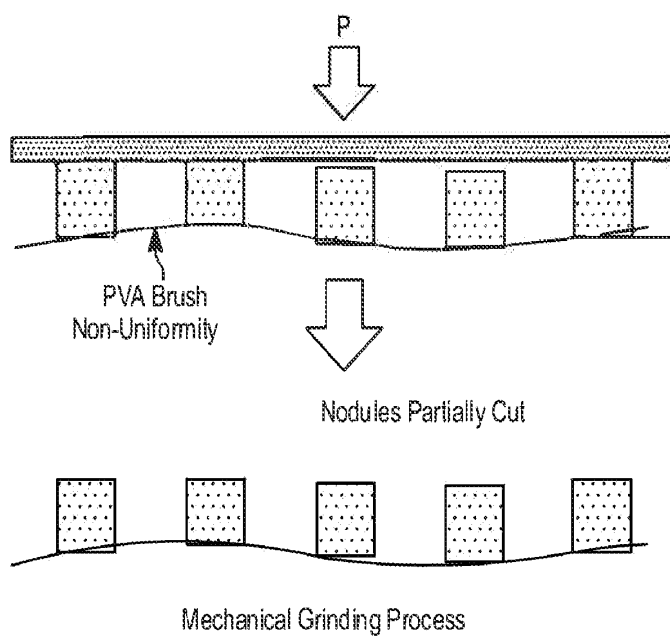


FIG. 7



**FIG. 11A****FIG. 11B**

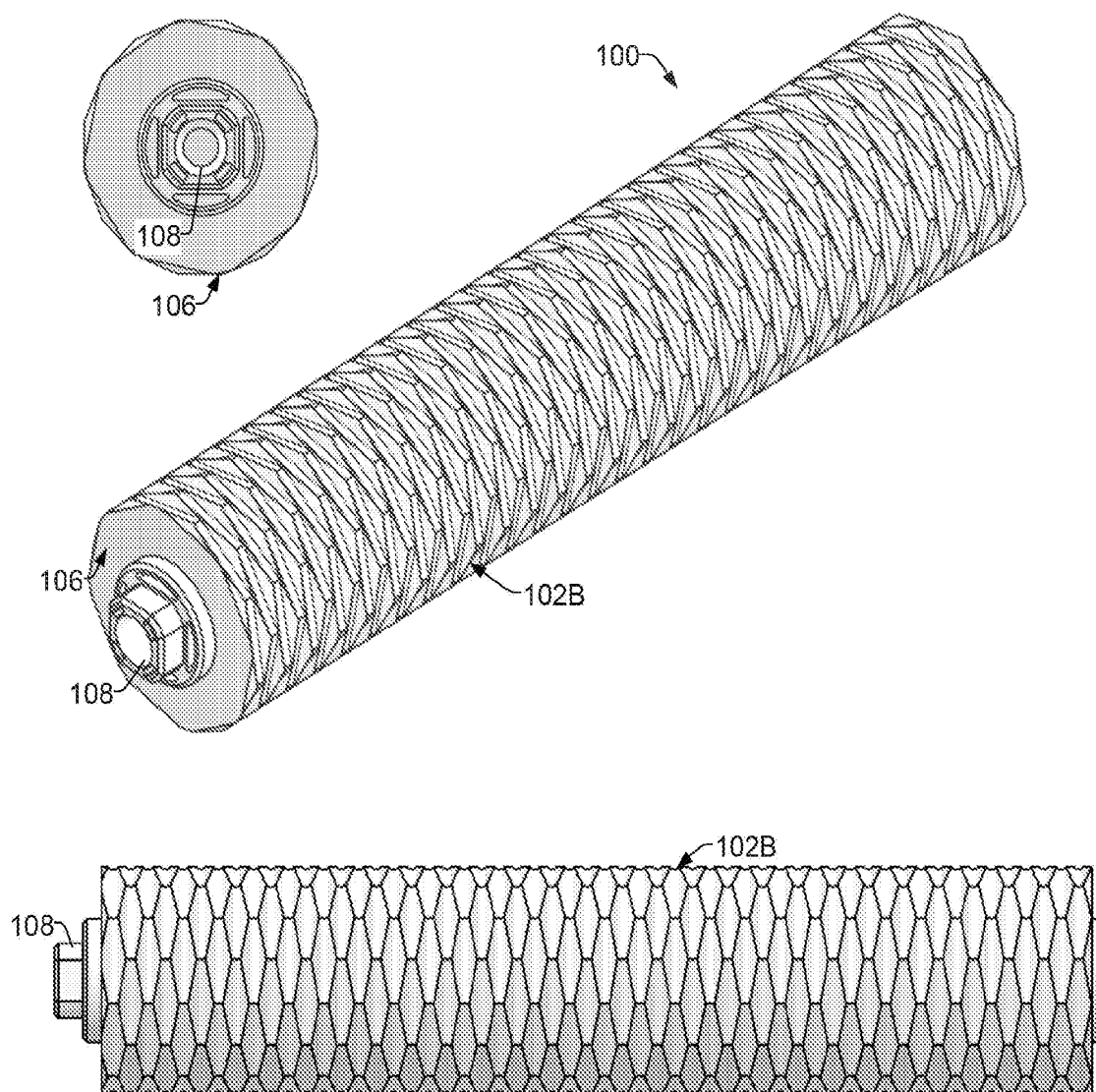


FIG. 12

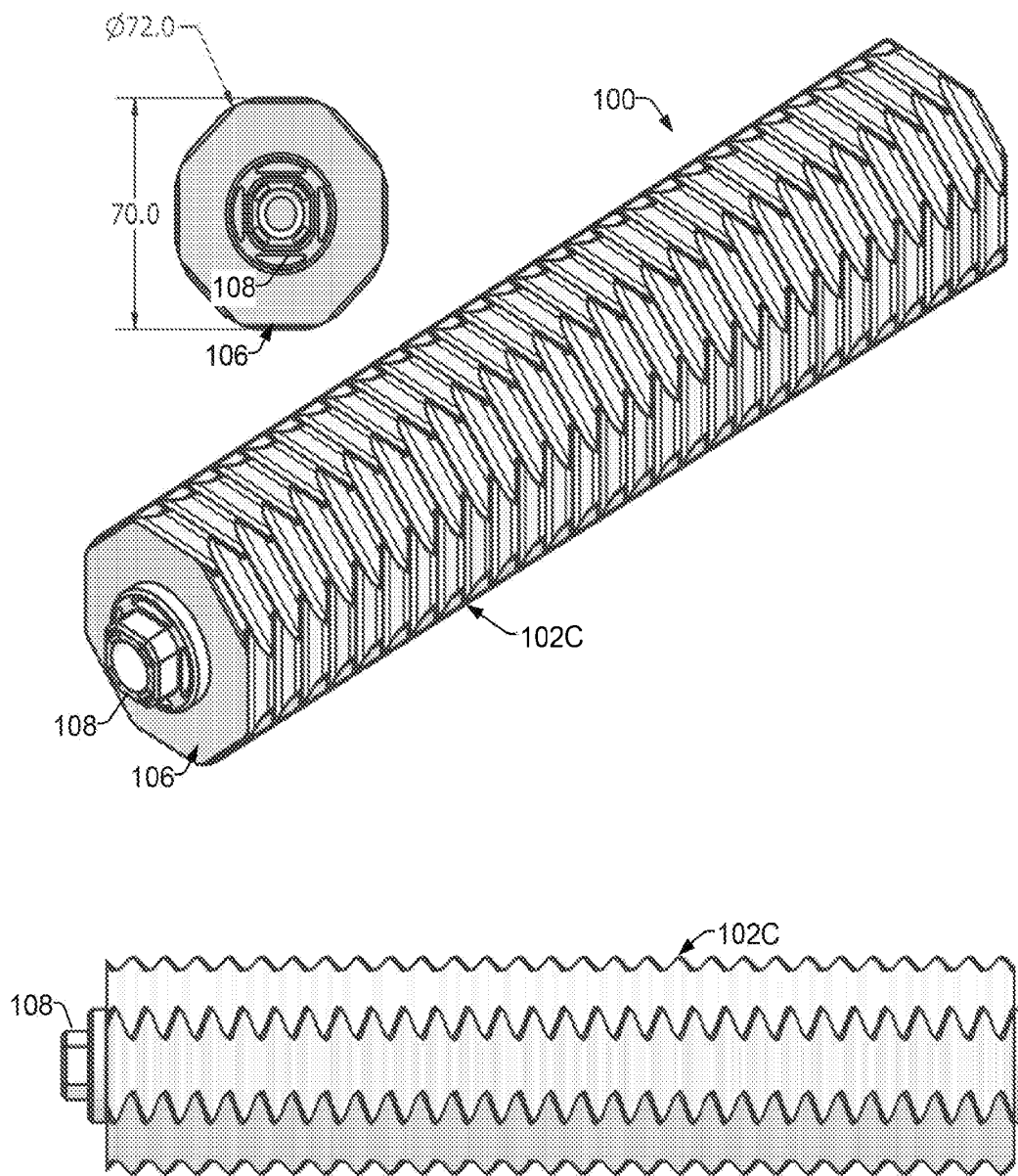


FIG. 13

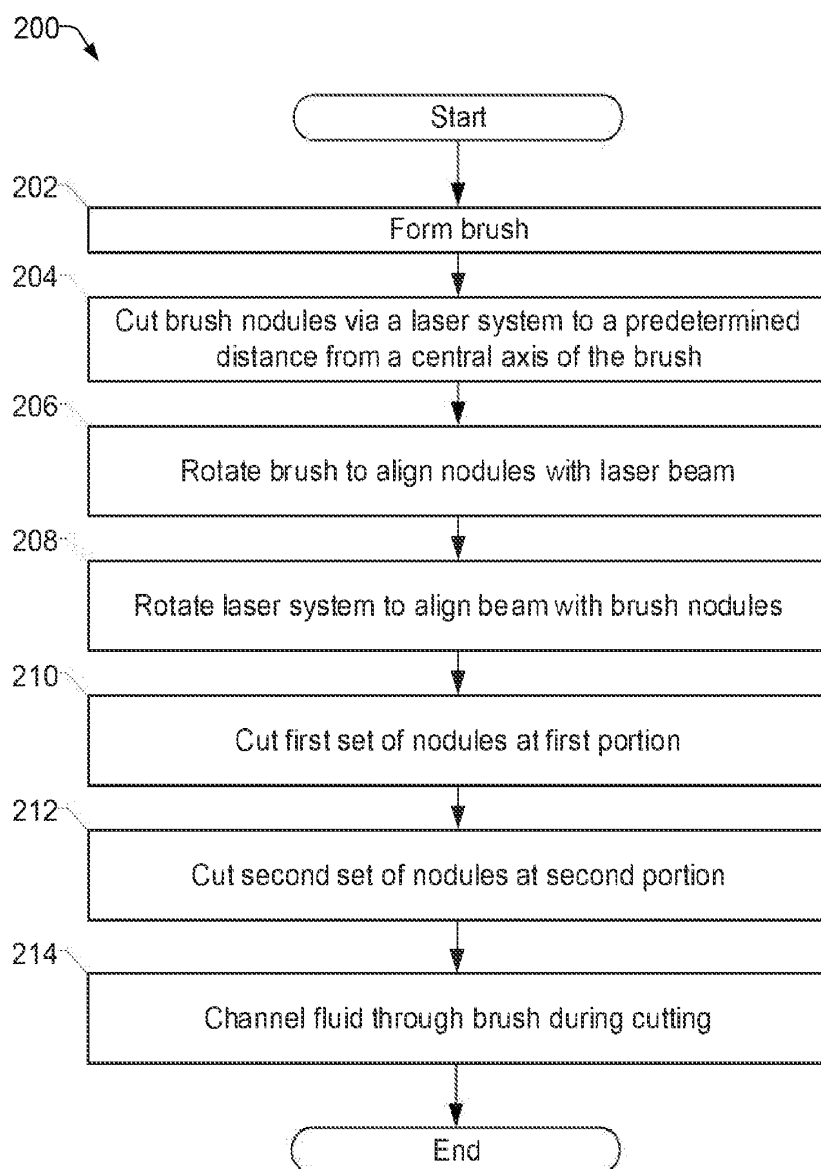


FIG. 14