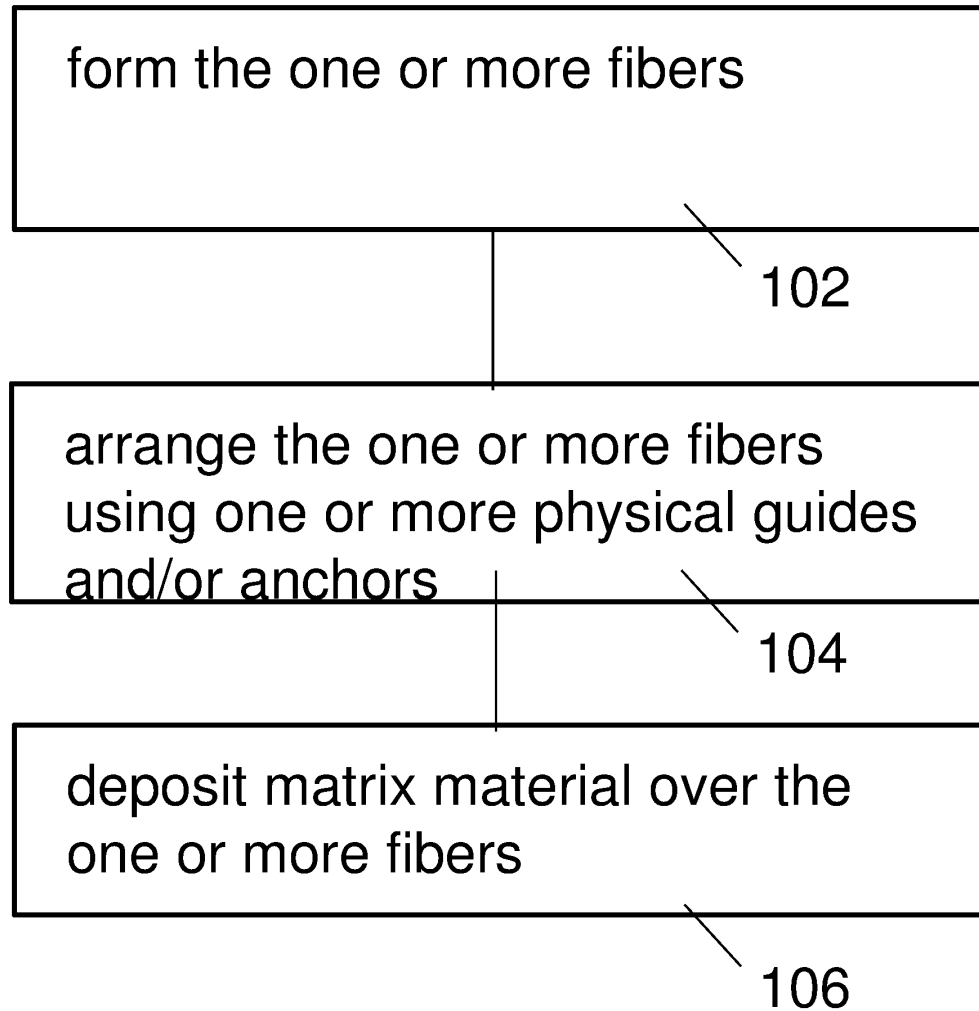


1/45
FIG. 1



2/45
FIG. 2

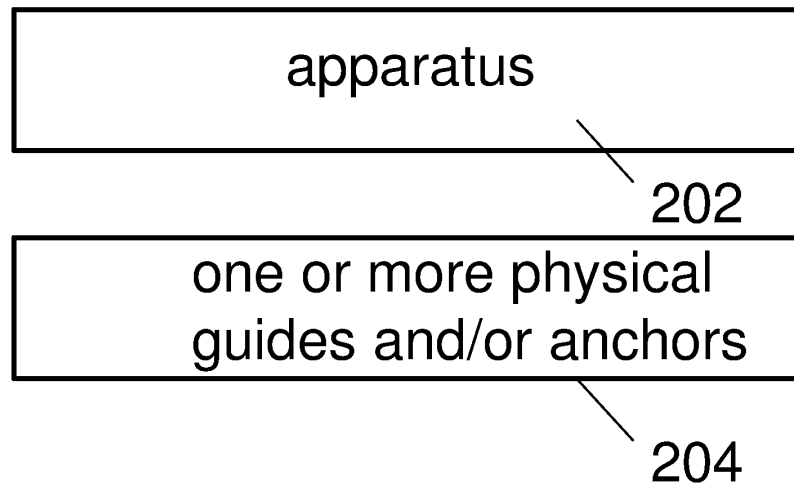
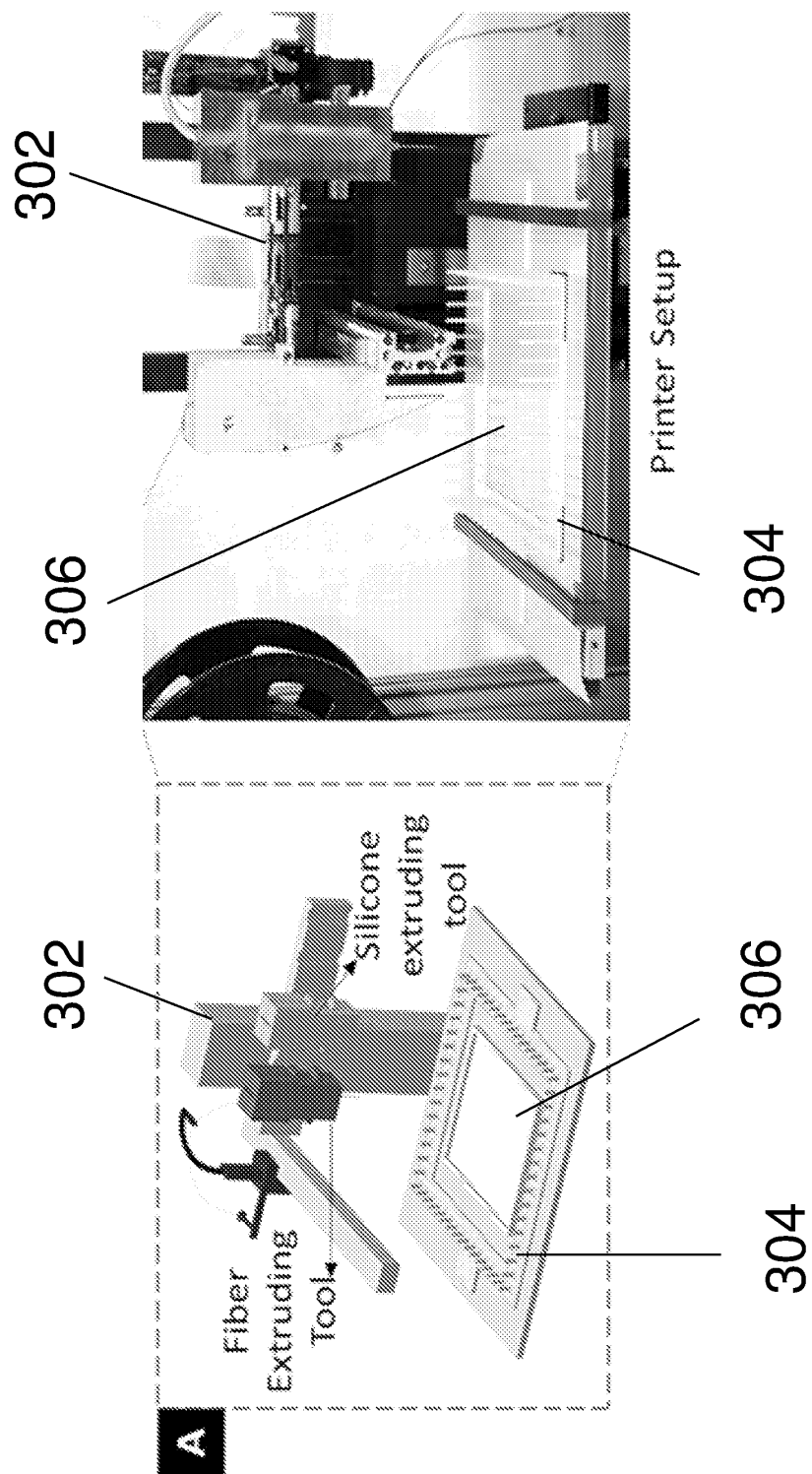
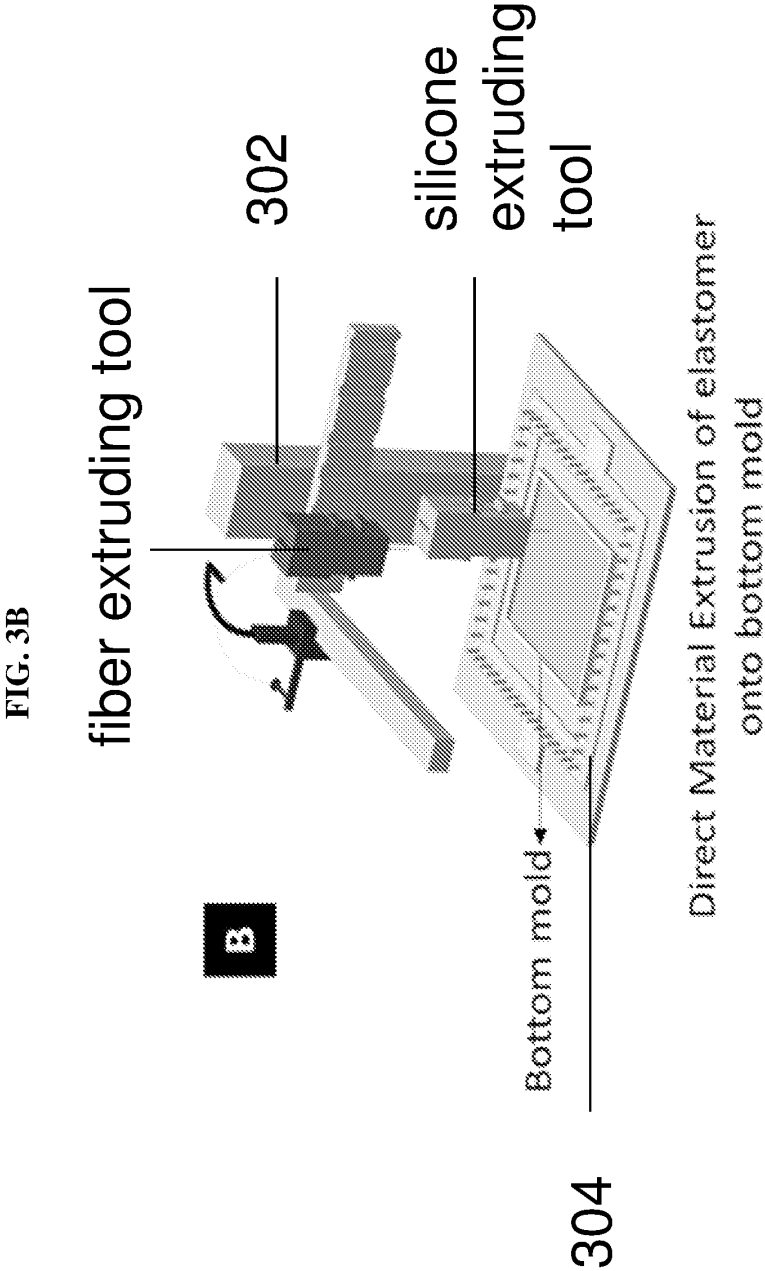


FIG. 3A





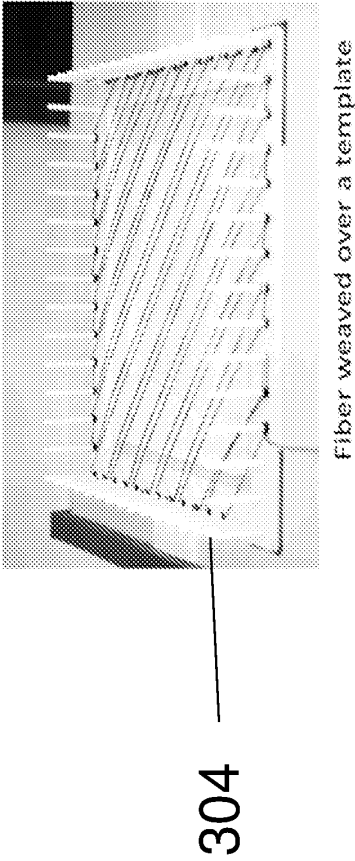
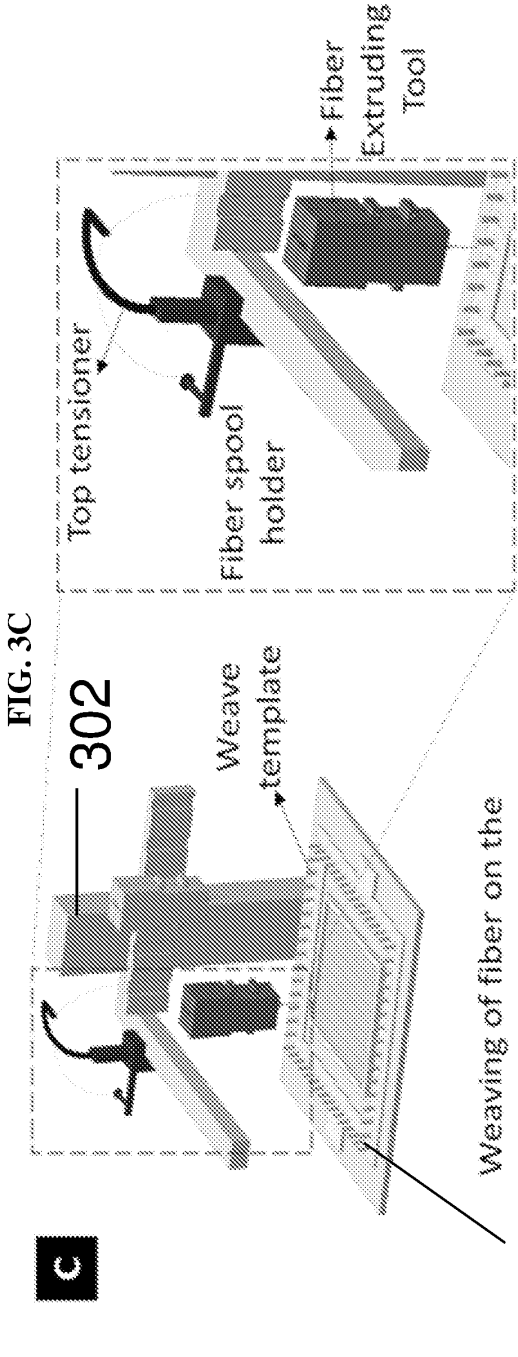


FIG. 3D

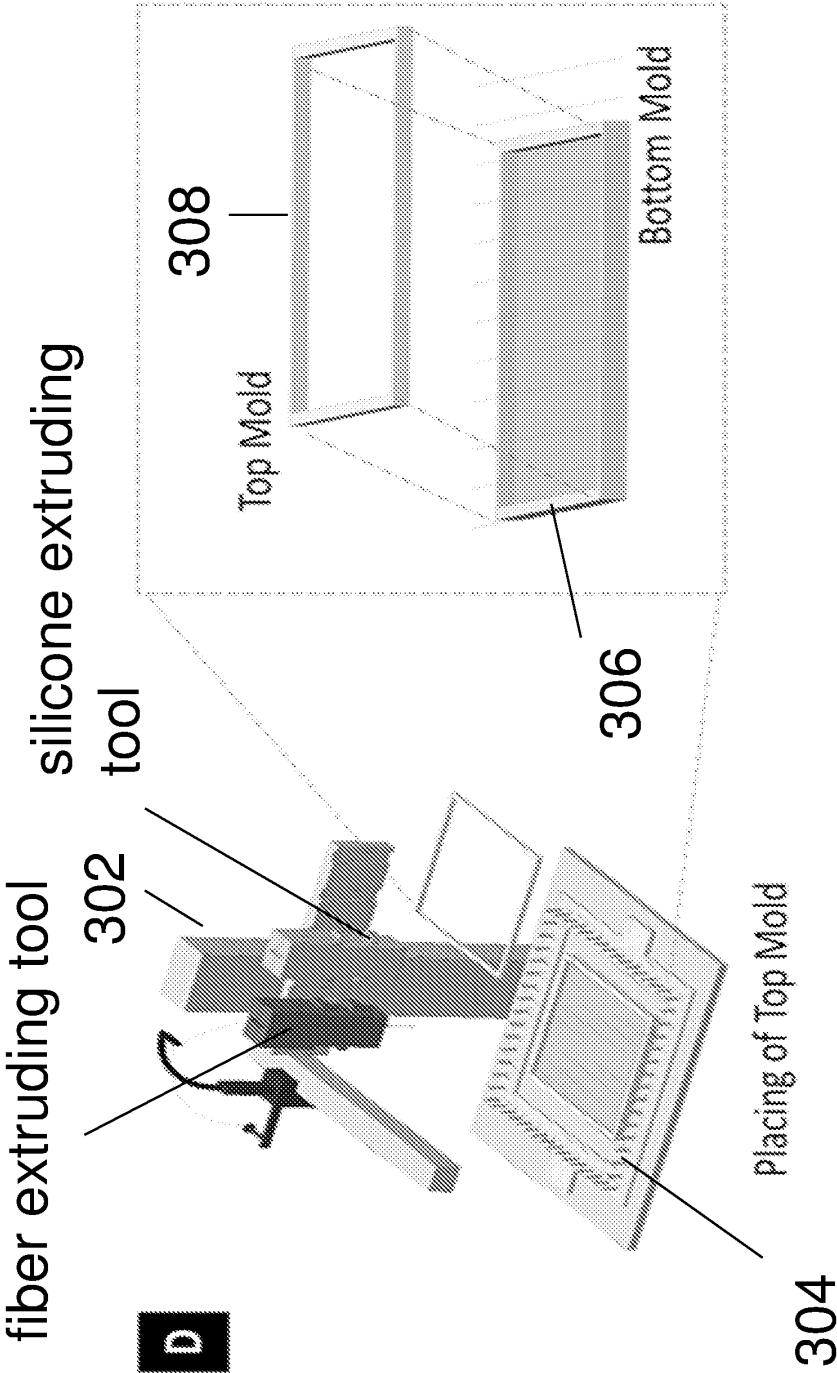


FIG. 3E

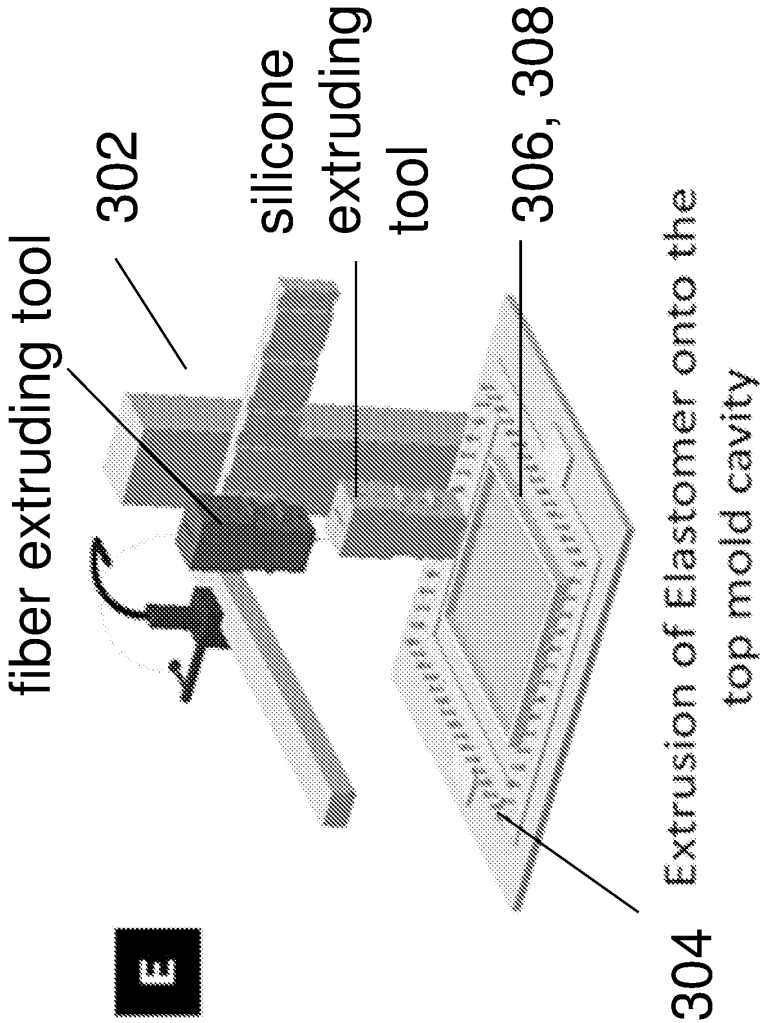


FIG. 3F

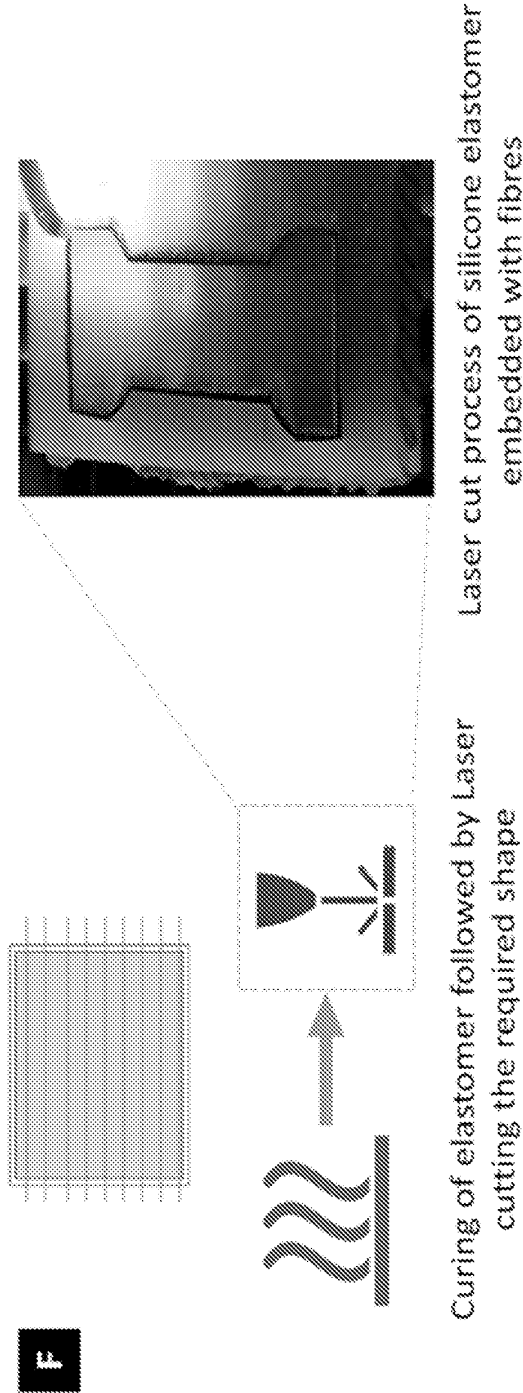
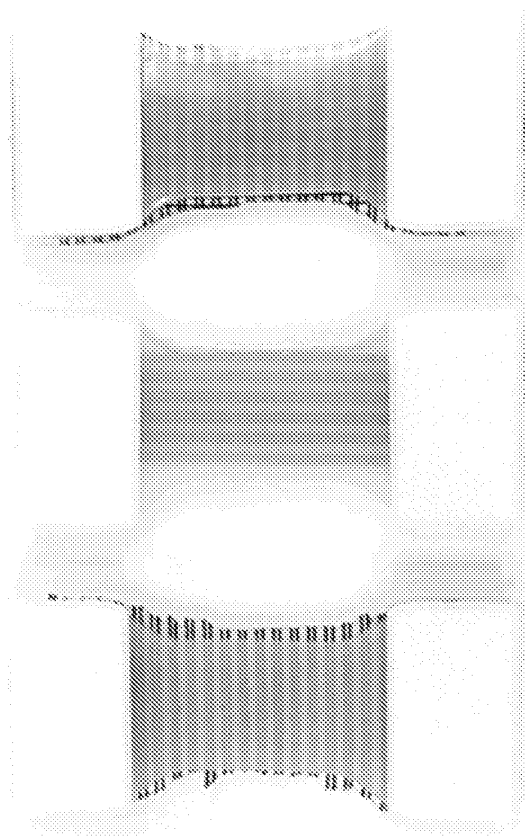
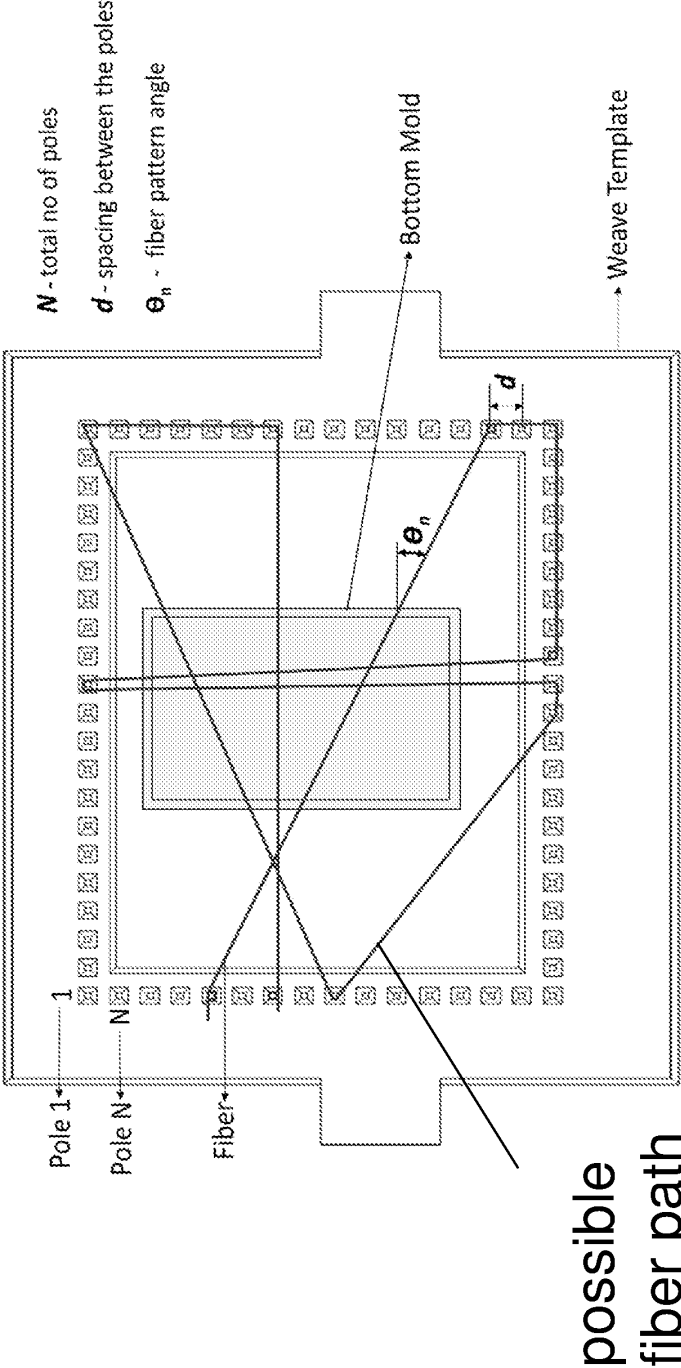


FIG. 3G

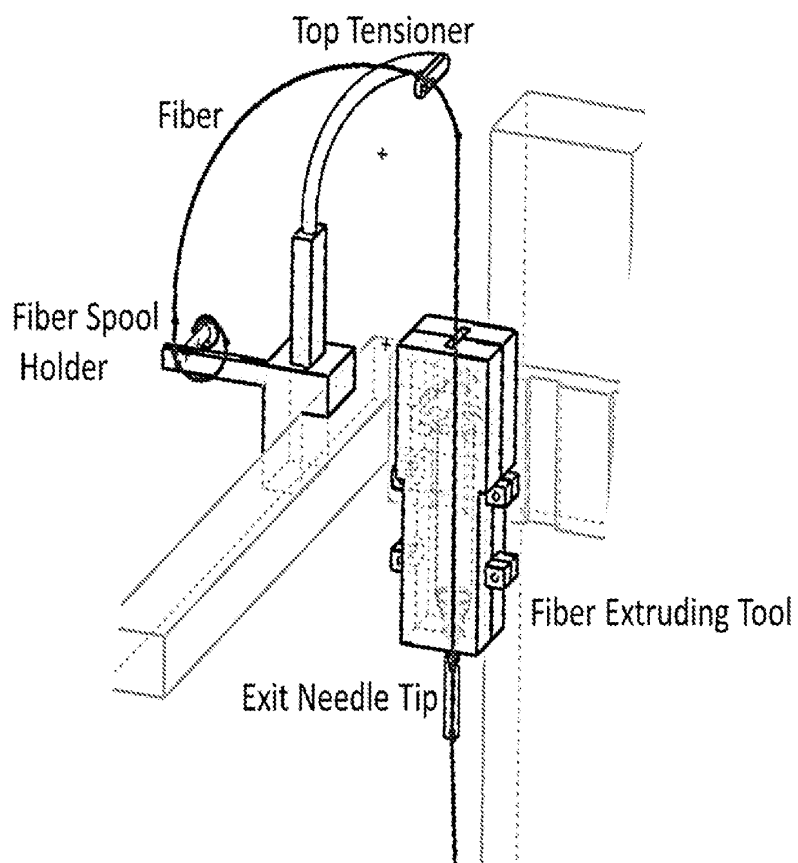


Fiber embedded dog bone sample

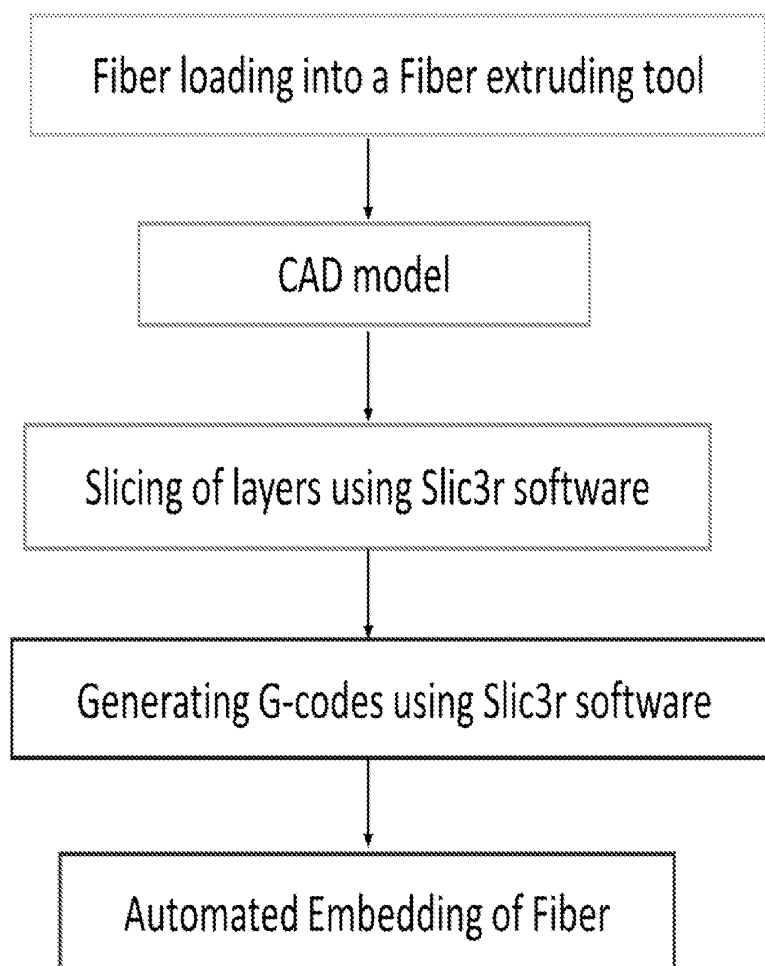
FIG. 4



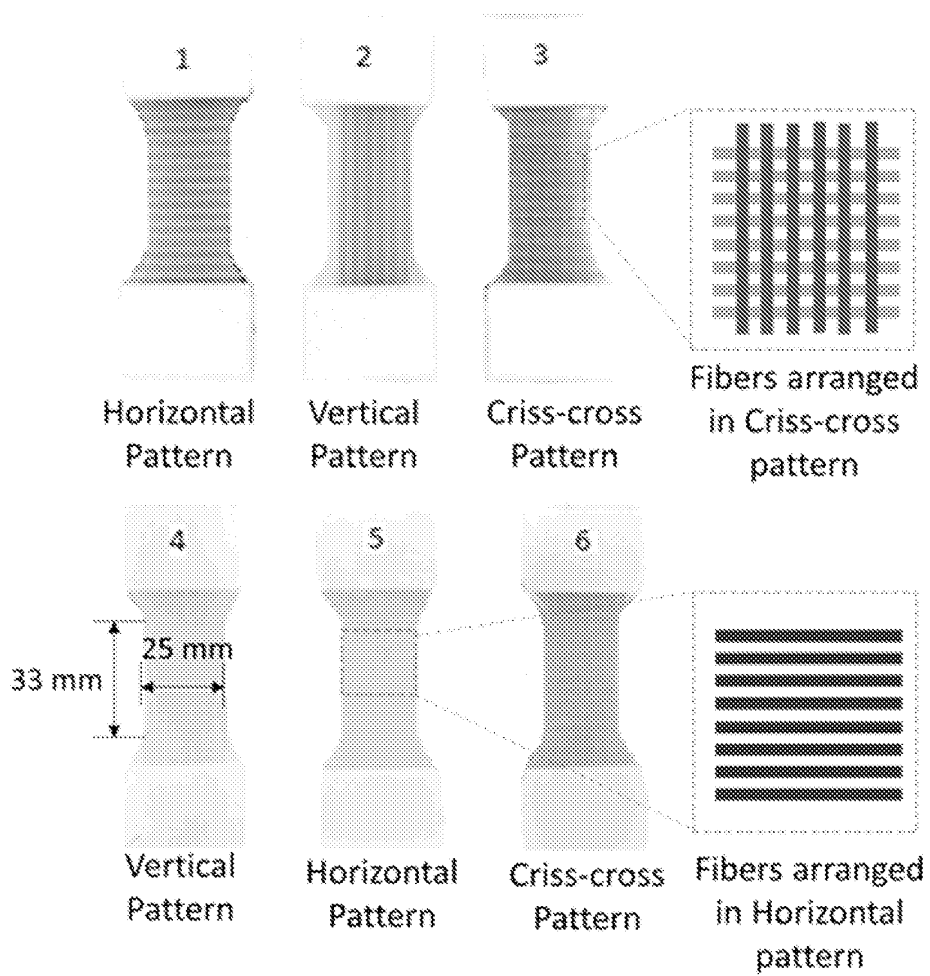
11/45
FIG. 5



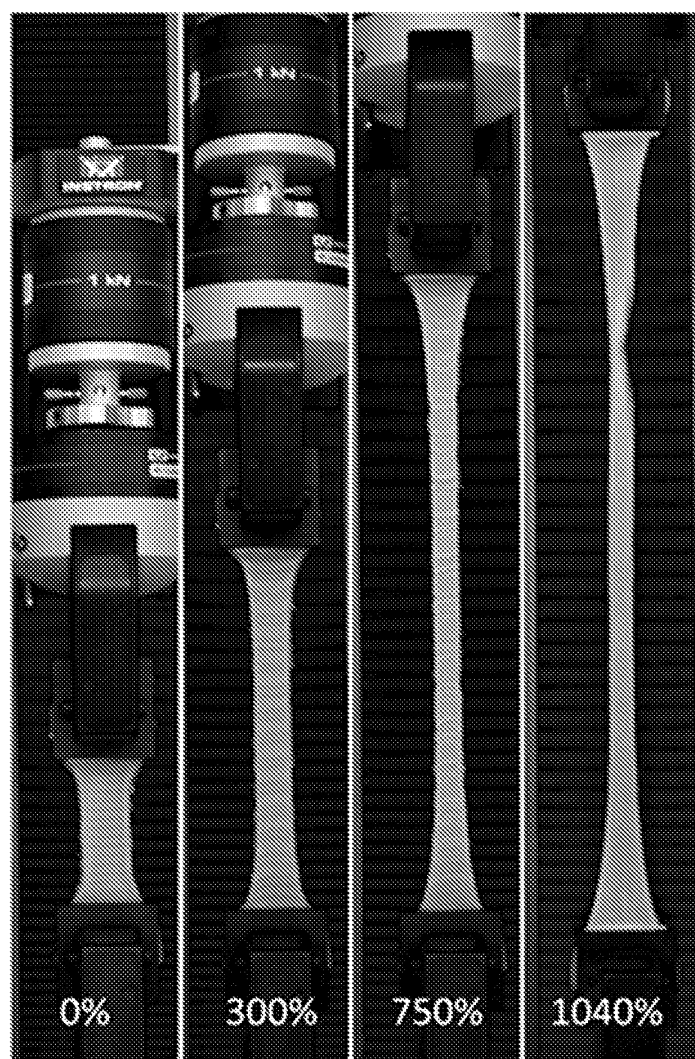
12/45
FIG. 6



13/45
FIG. 7A



14/45
FIG. 7B



Elongation of Polyester sample
under Tensile loading

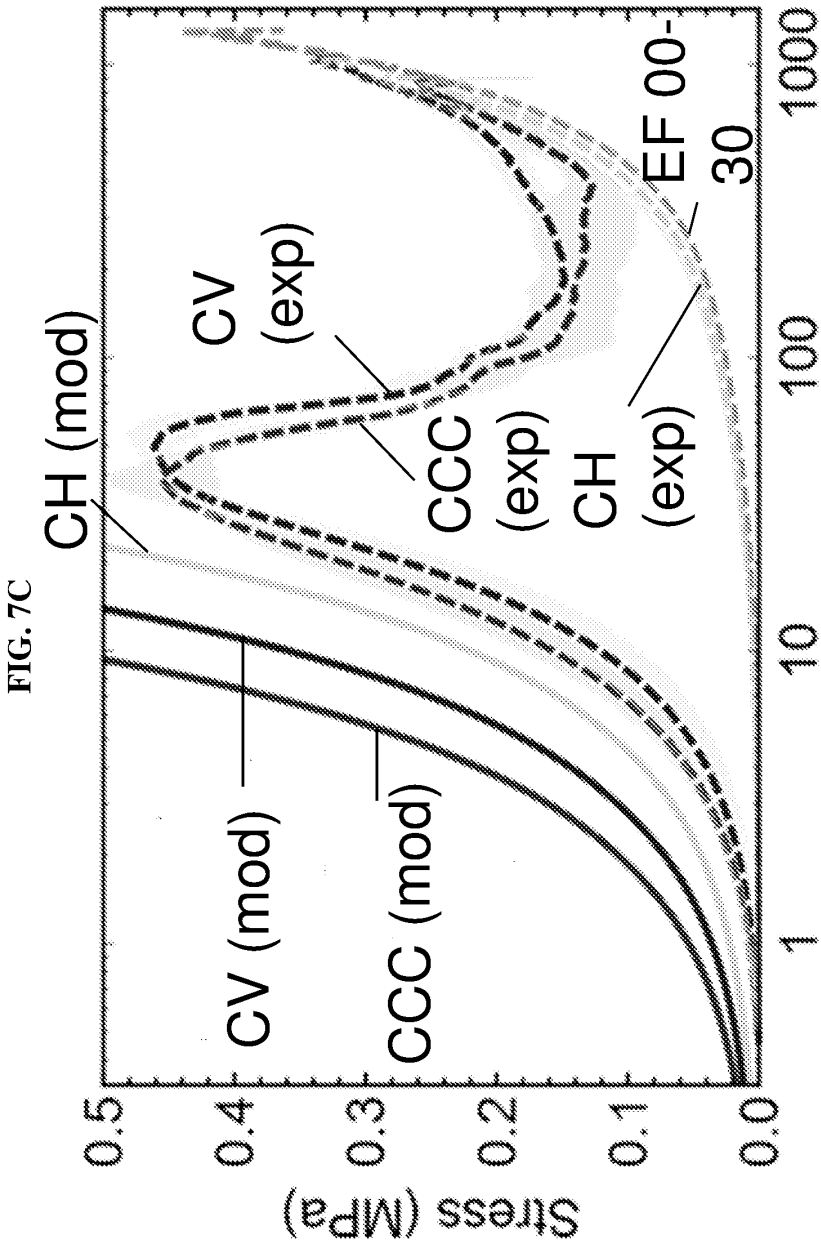
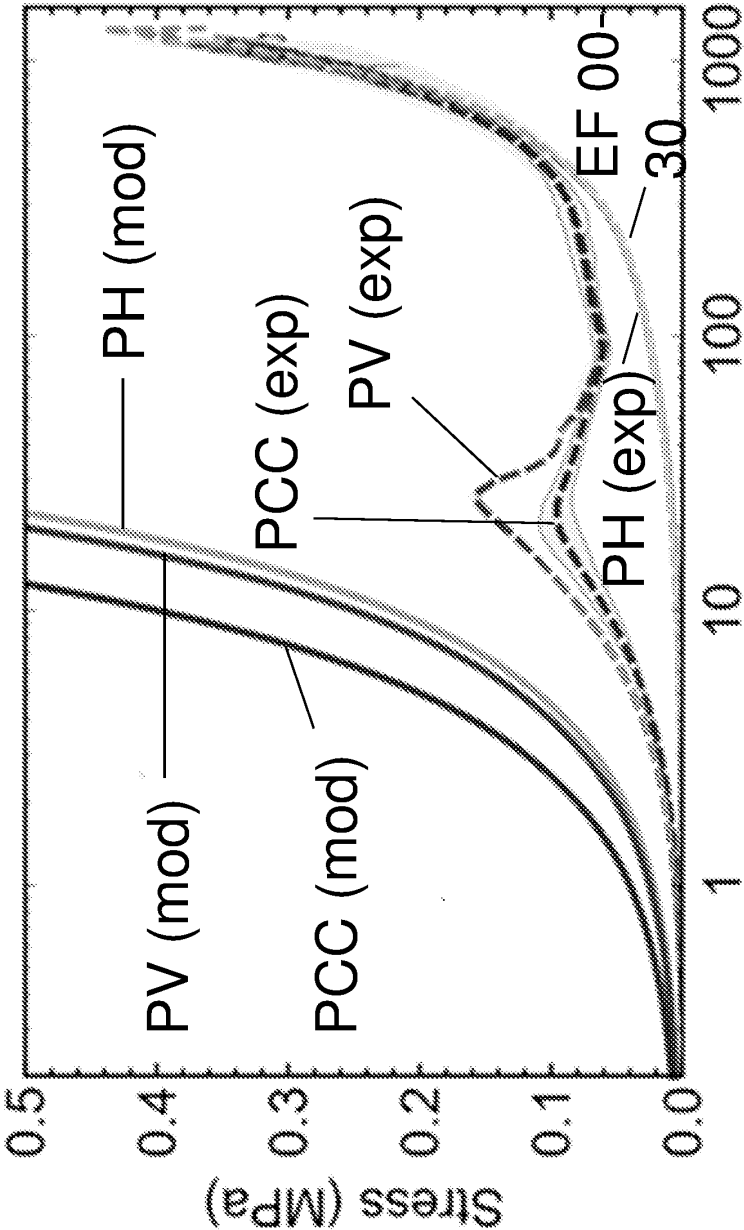


FIG. 7D



17/45
FIG. 8A

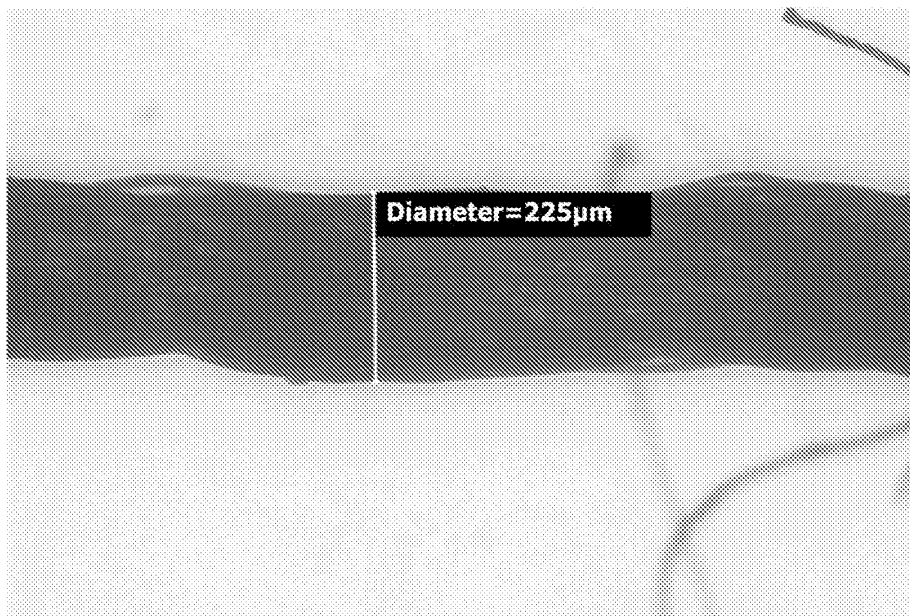
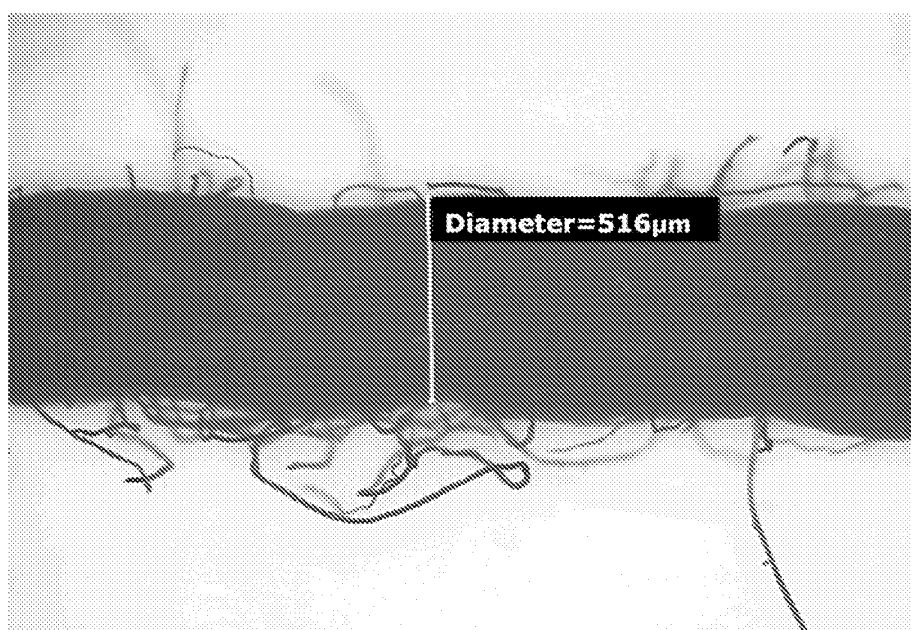


FIG. 8B



18/45
FIG. 8C

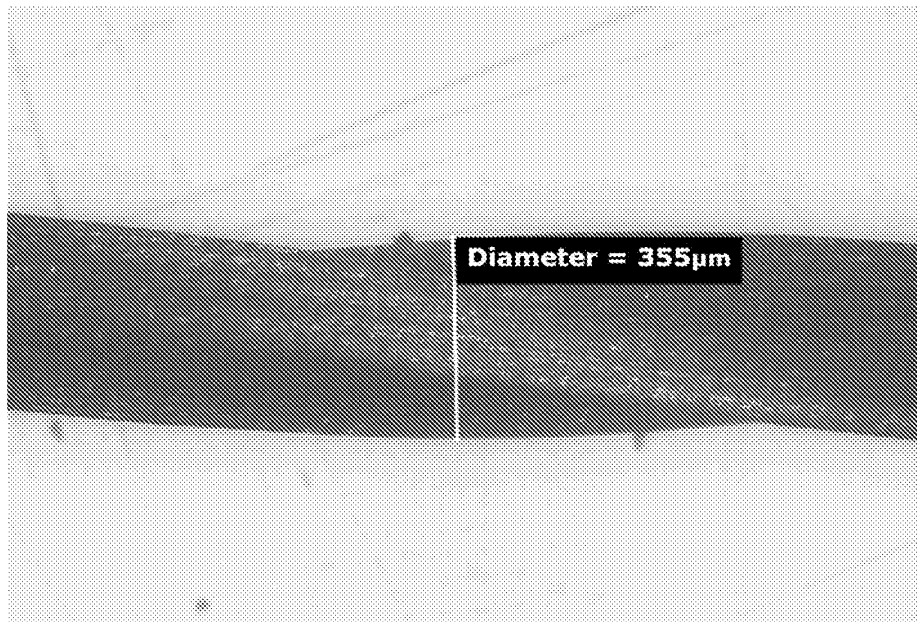
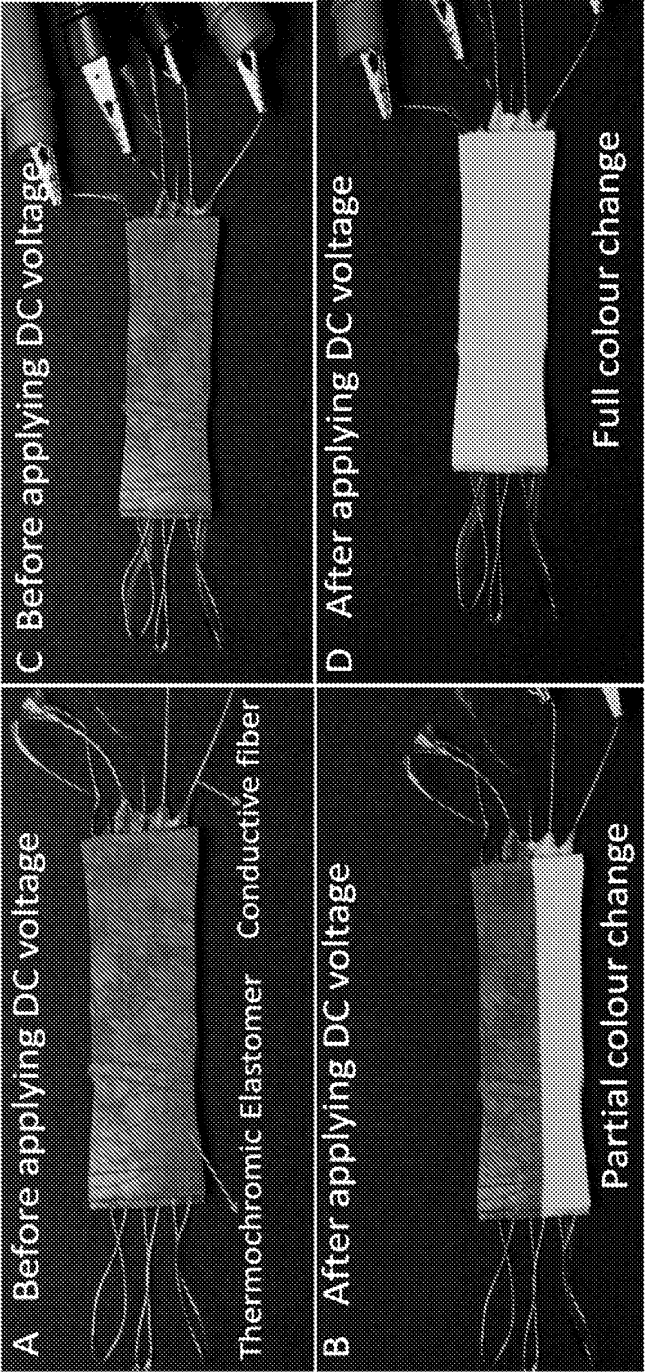


FIG. 9

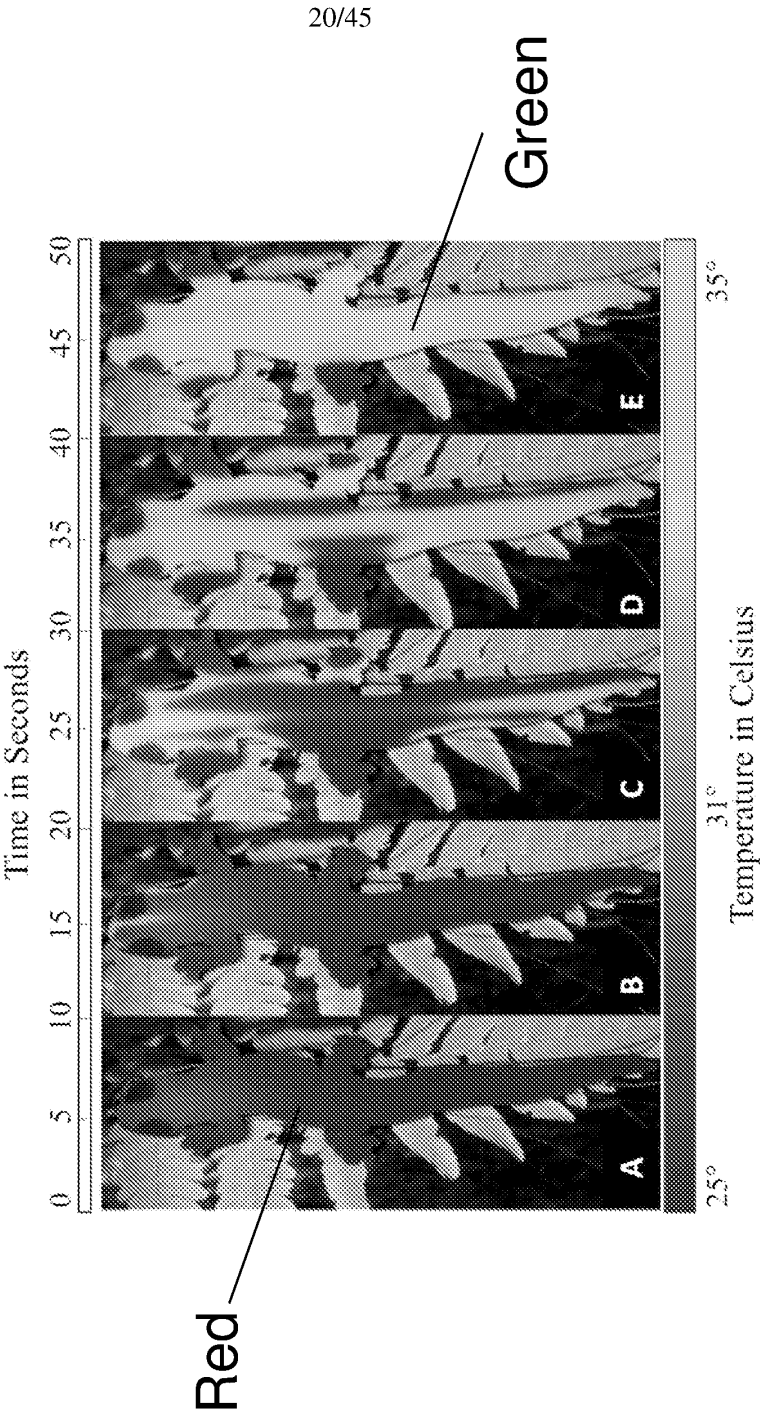
Red Red

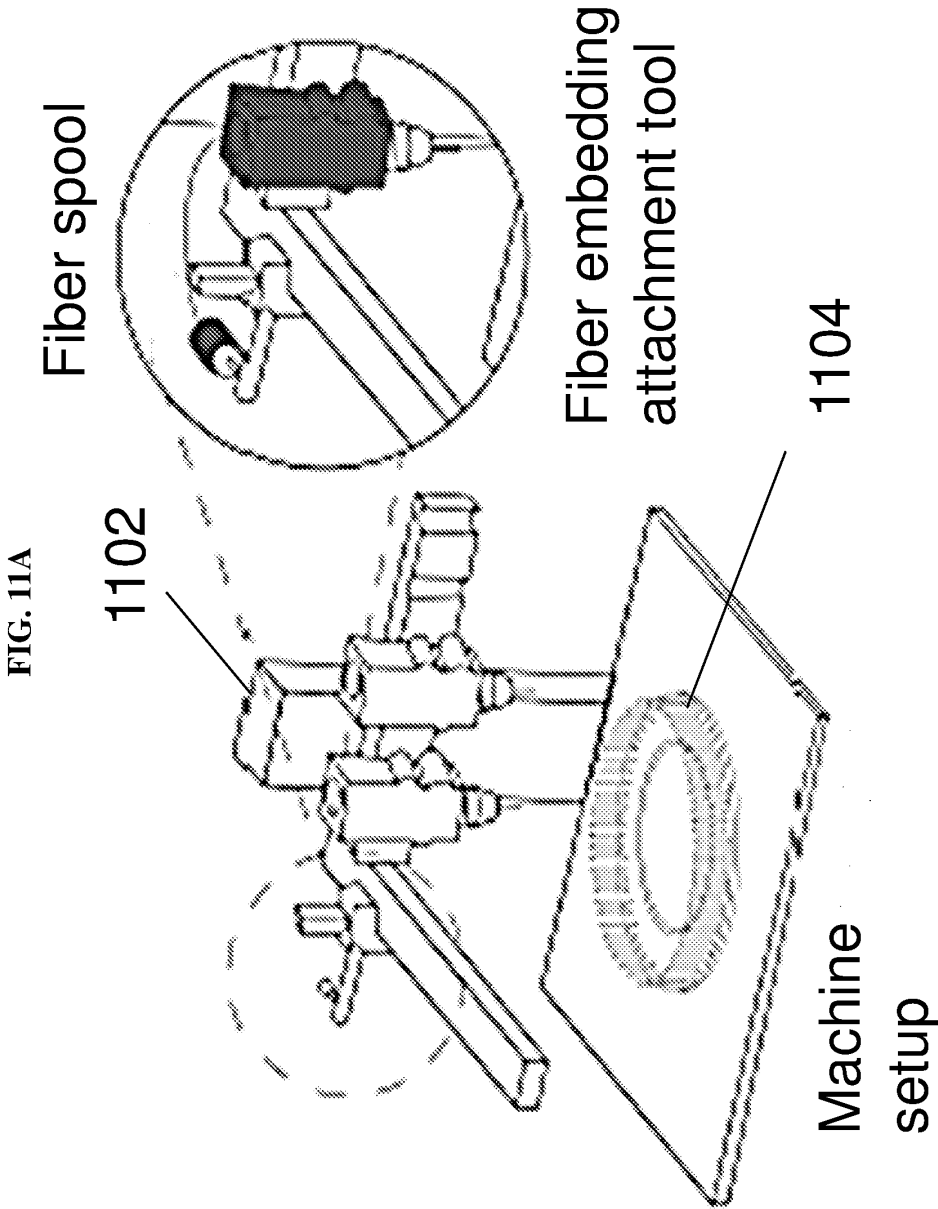


Top: Red
Bottom: Green

Green

FIG. 10





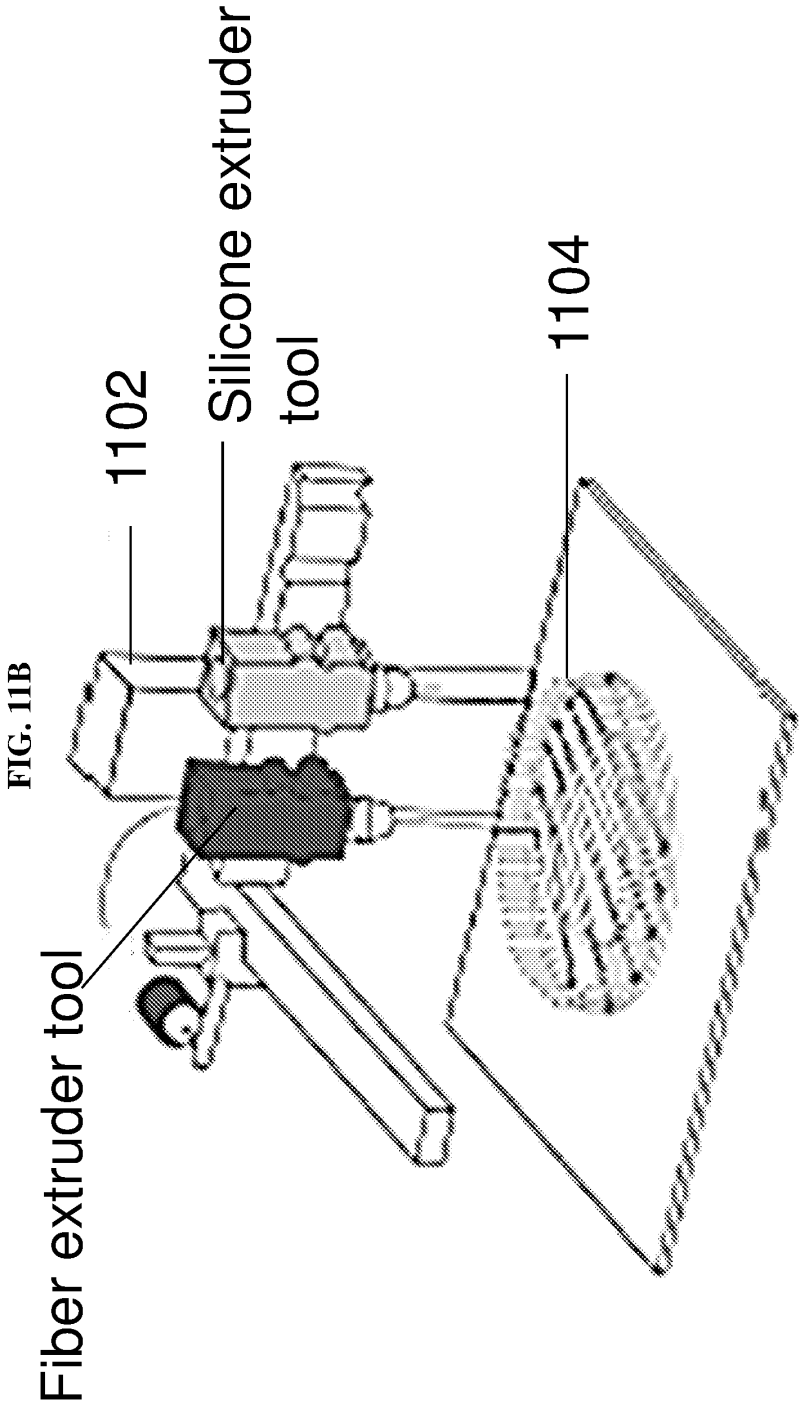
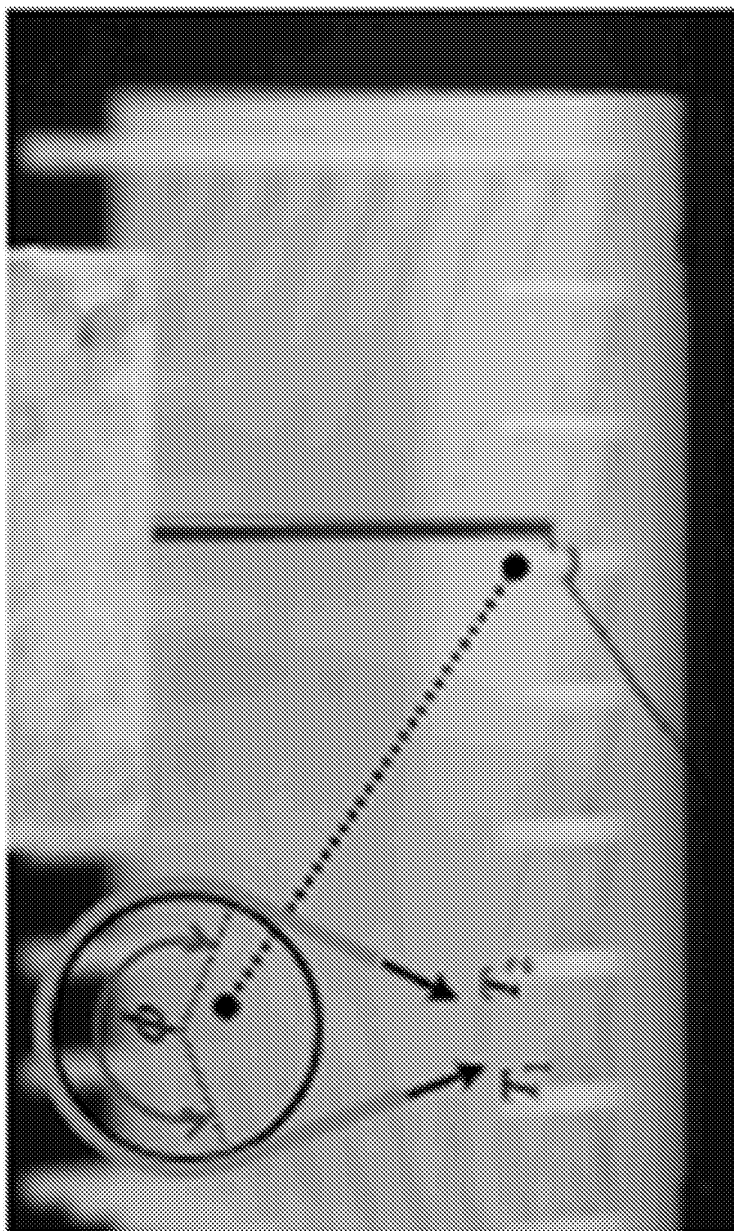


FIG. 11C



24/45

FIG. 11D

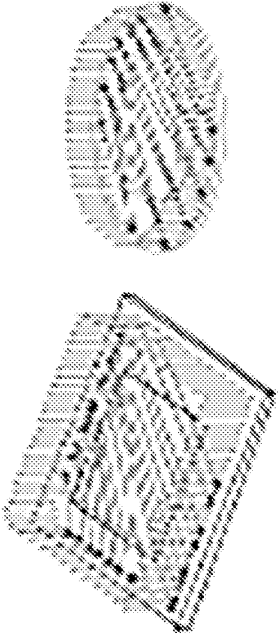
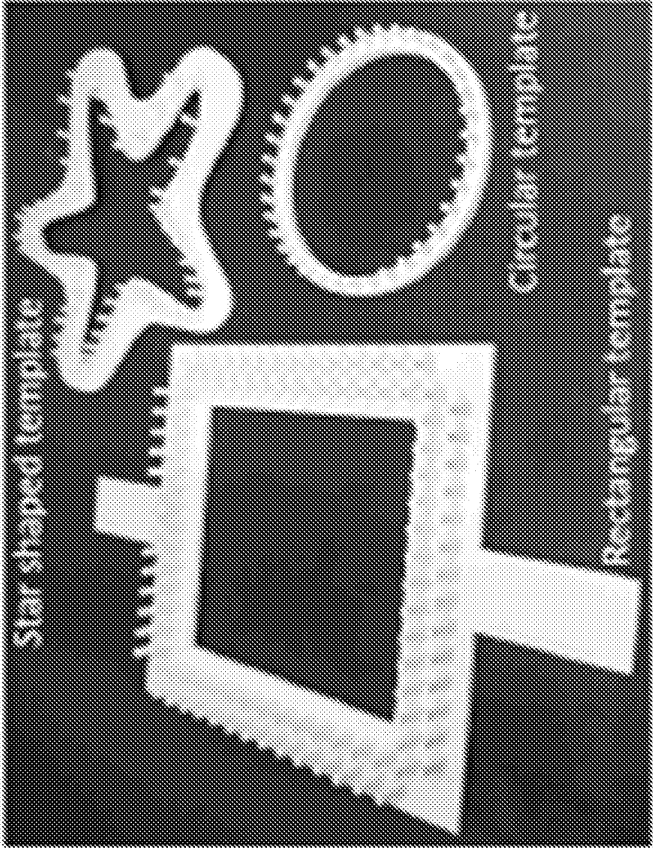


FIG. 11E

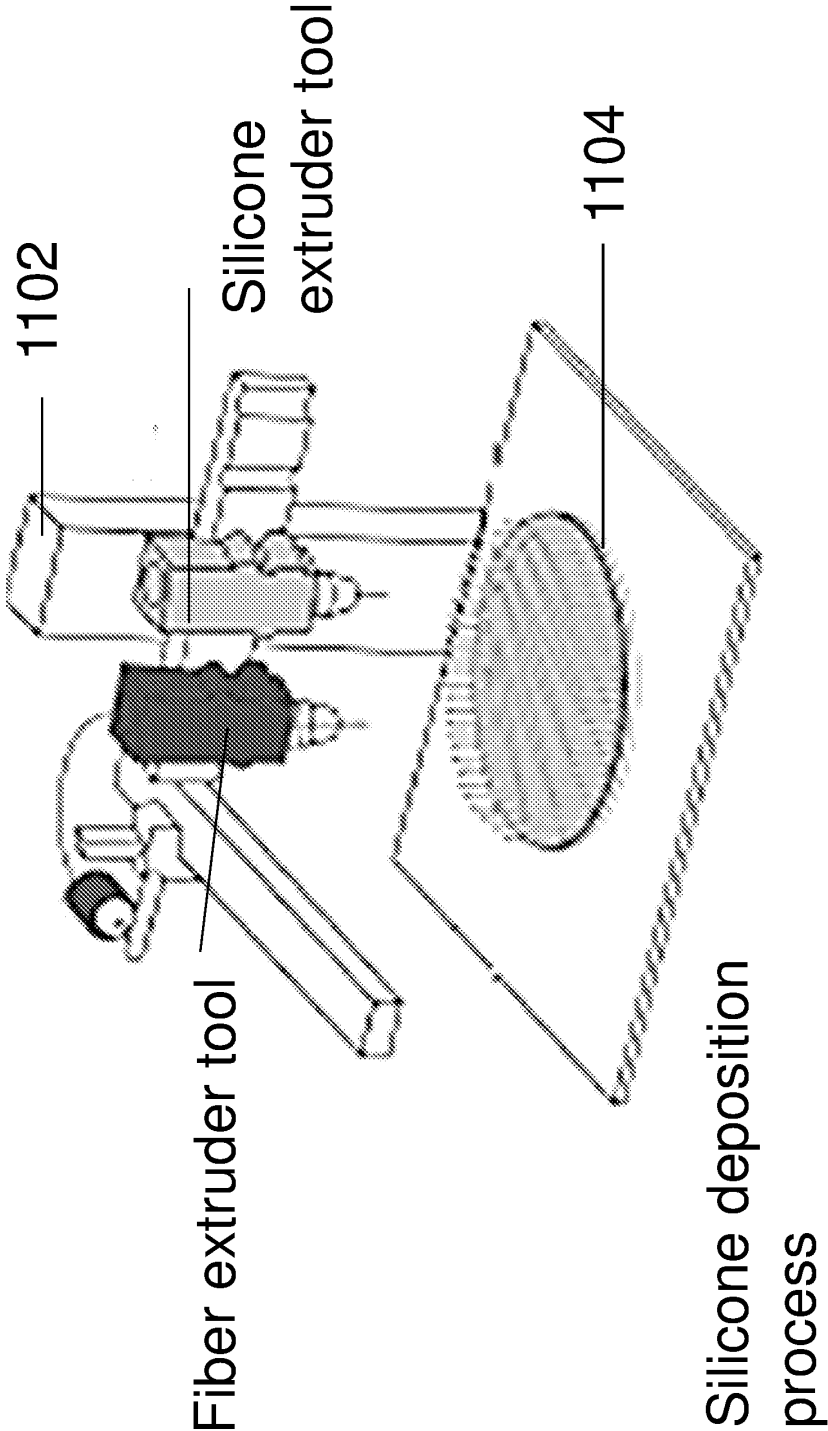


FIG. 12A

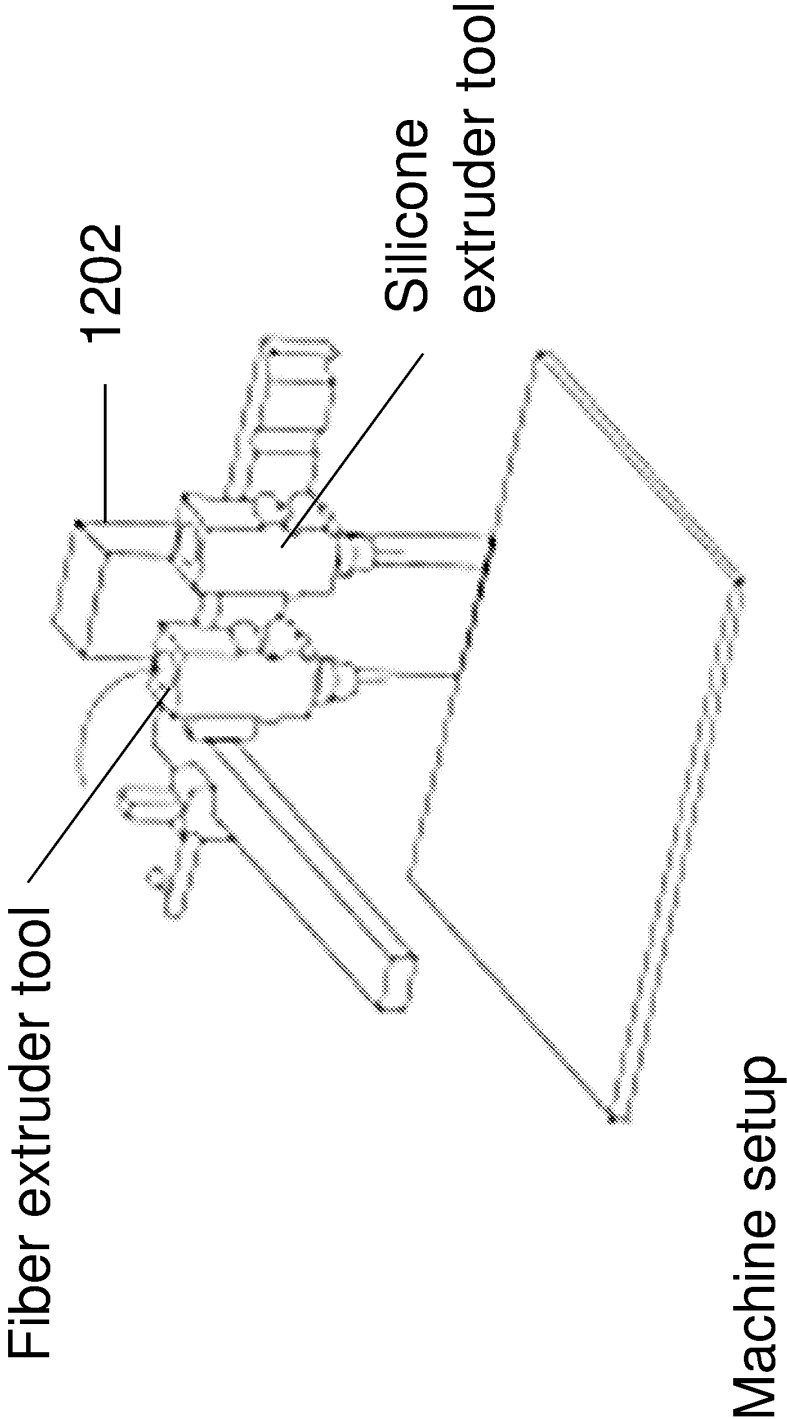


FIG. 12B

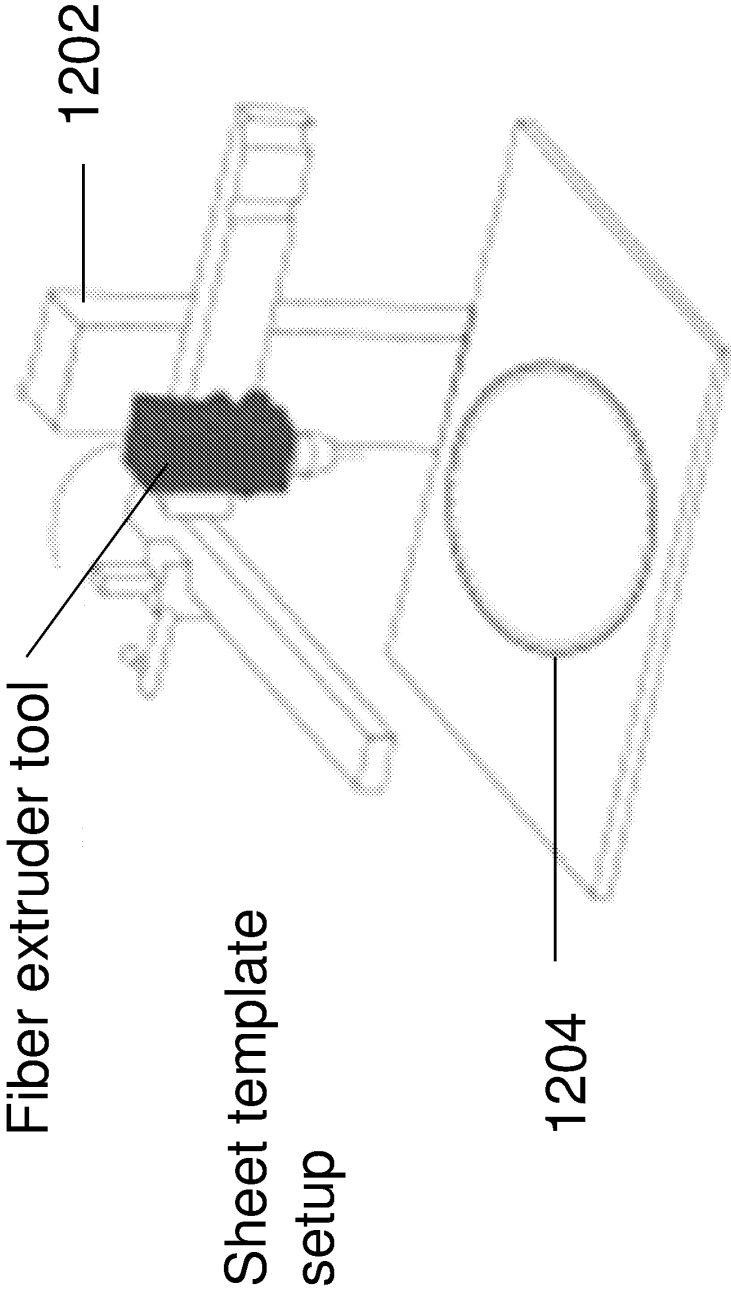


FIG. 12C

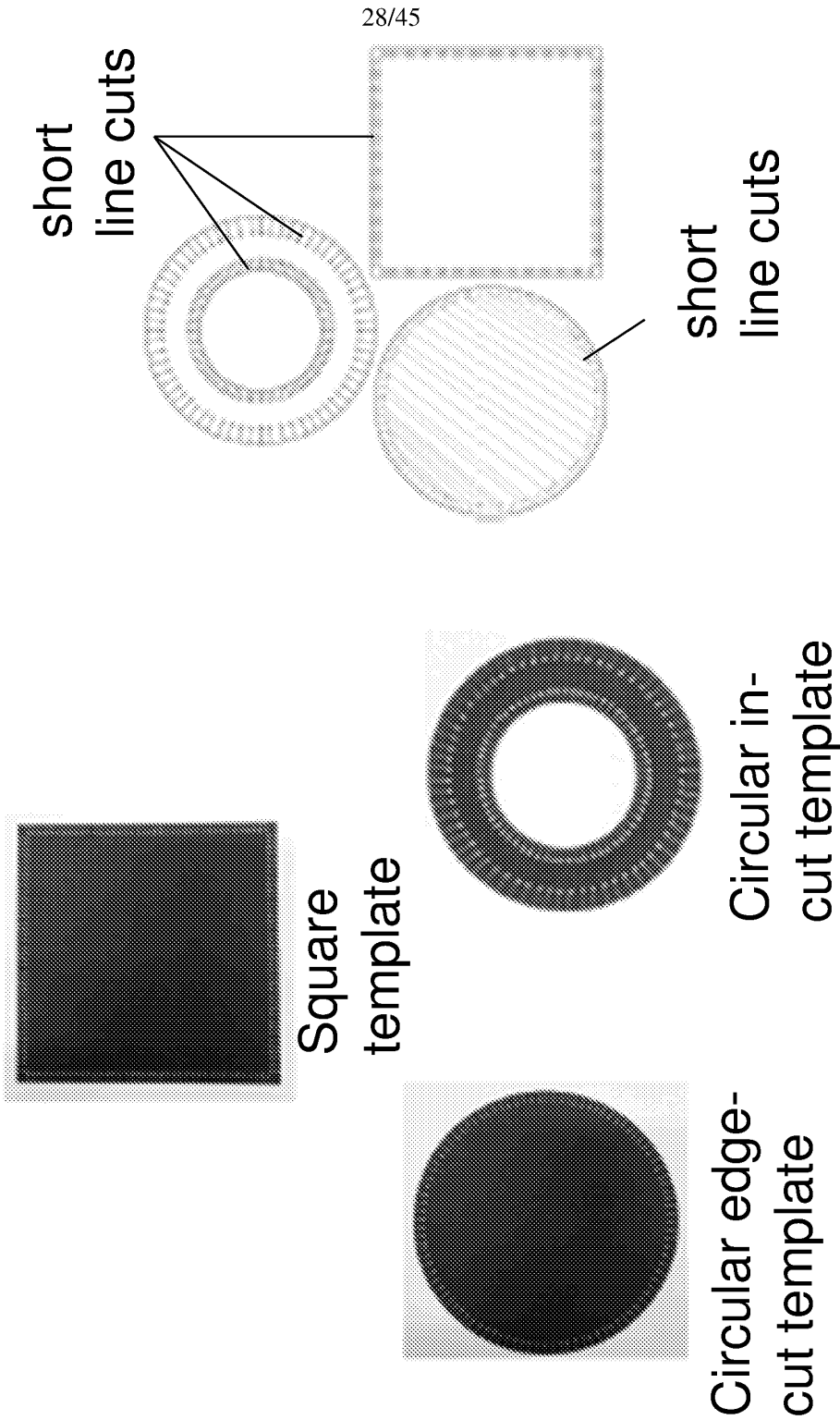
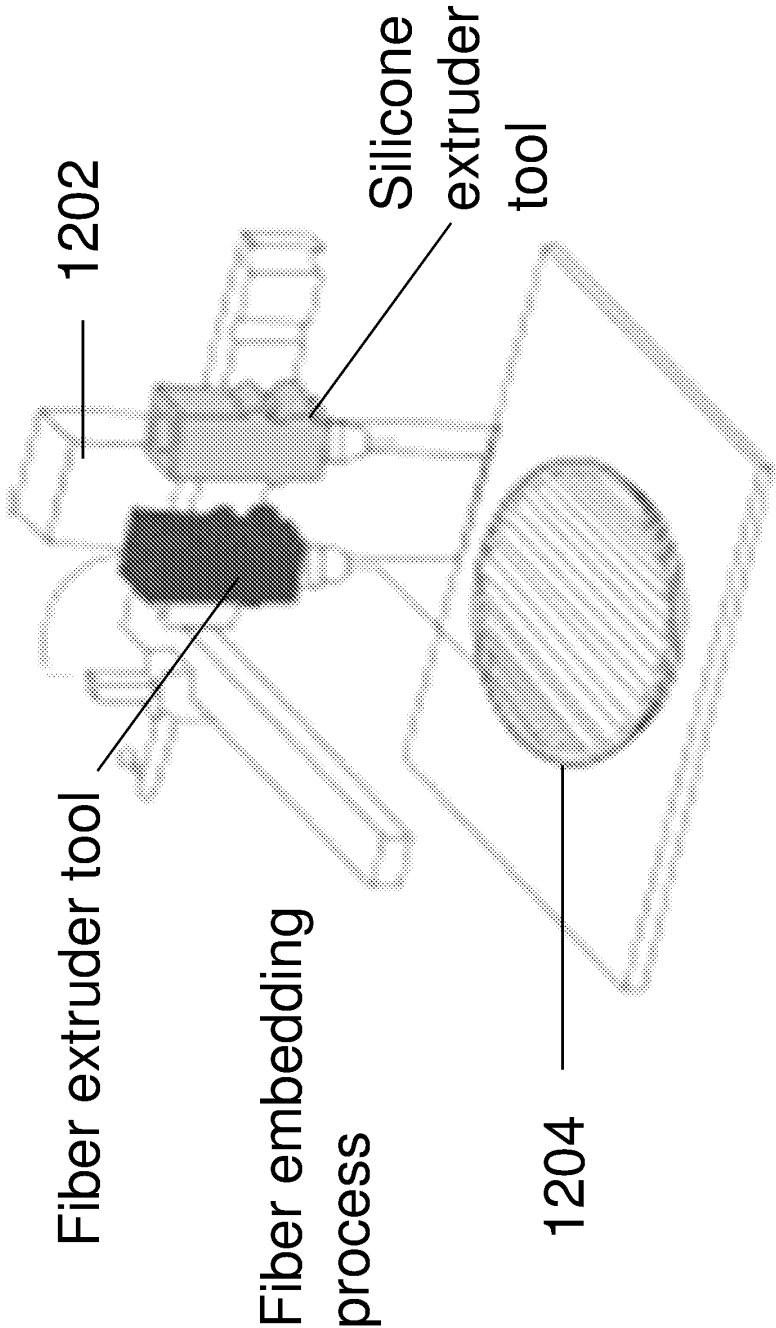


FIG. 12D



30/45

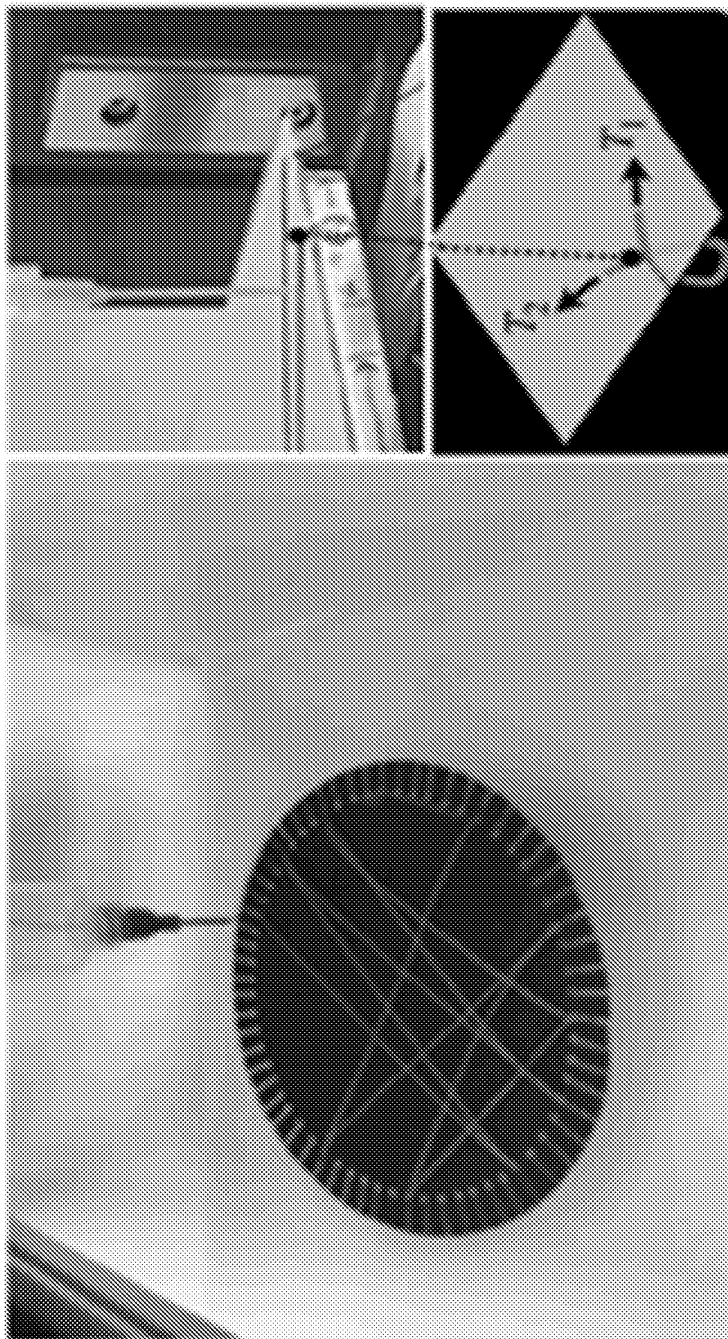
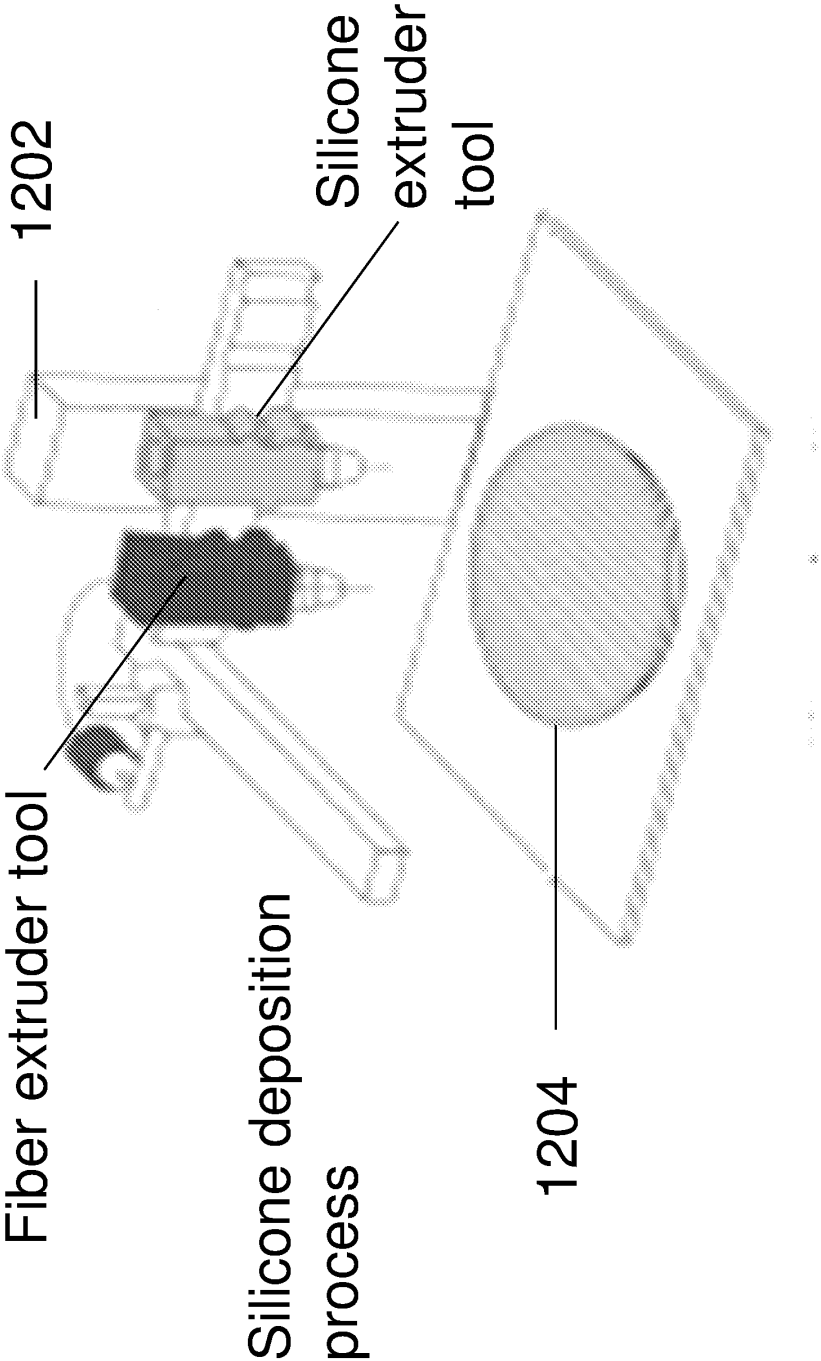


FIG. 12E

FIG. 12F



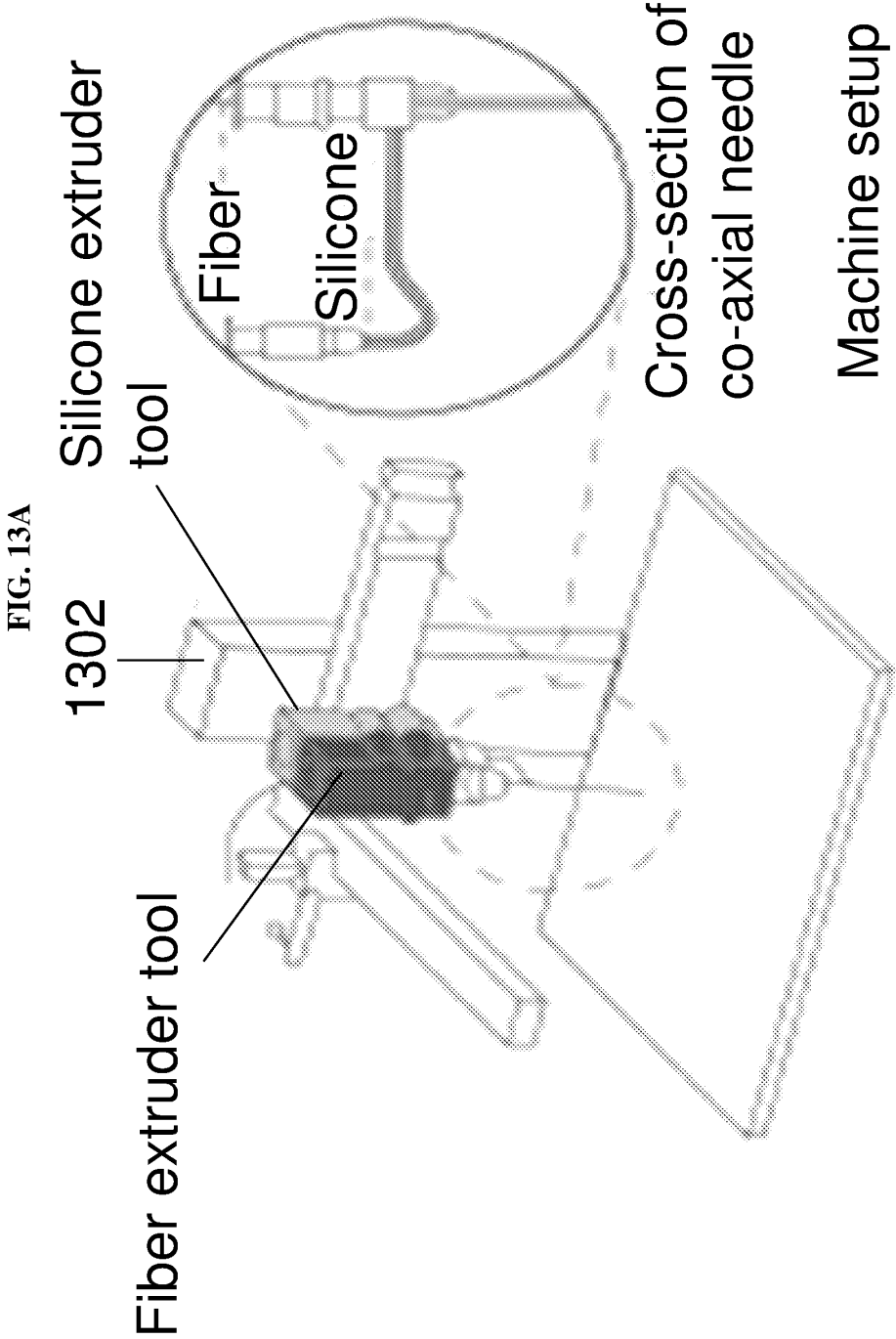


FIG. 13B

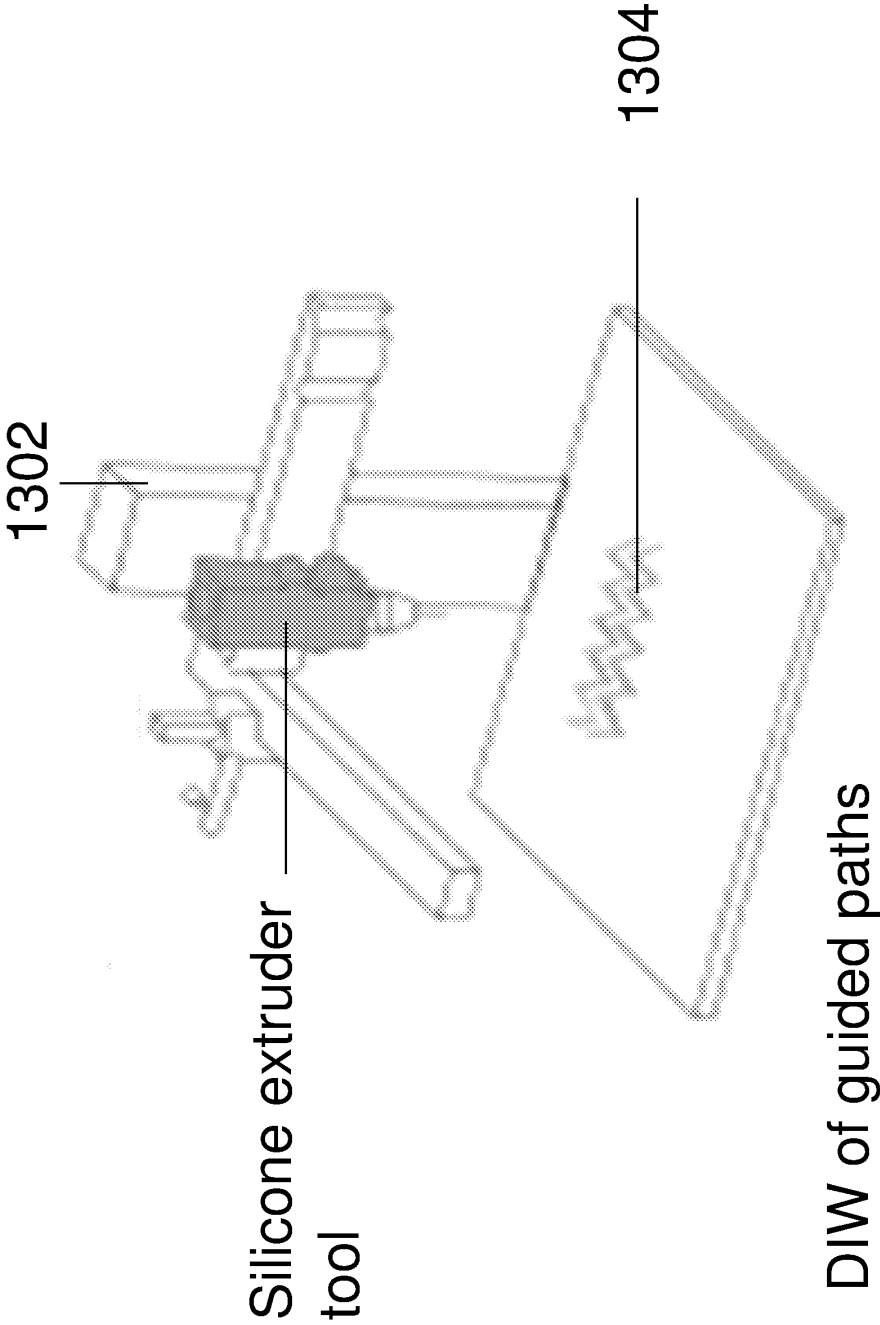
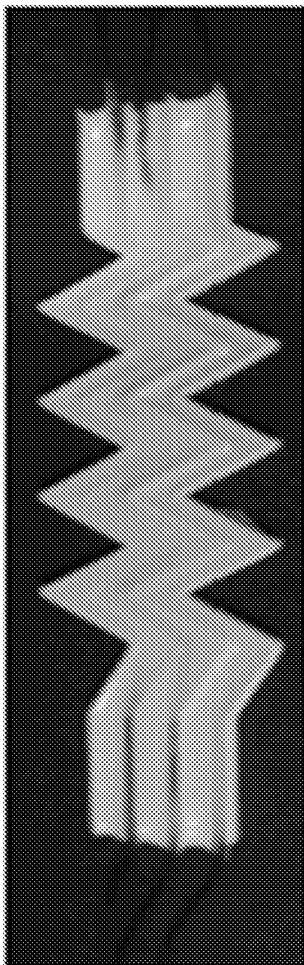


FIG. 13C



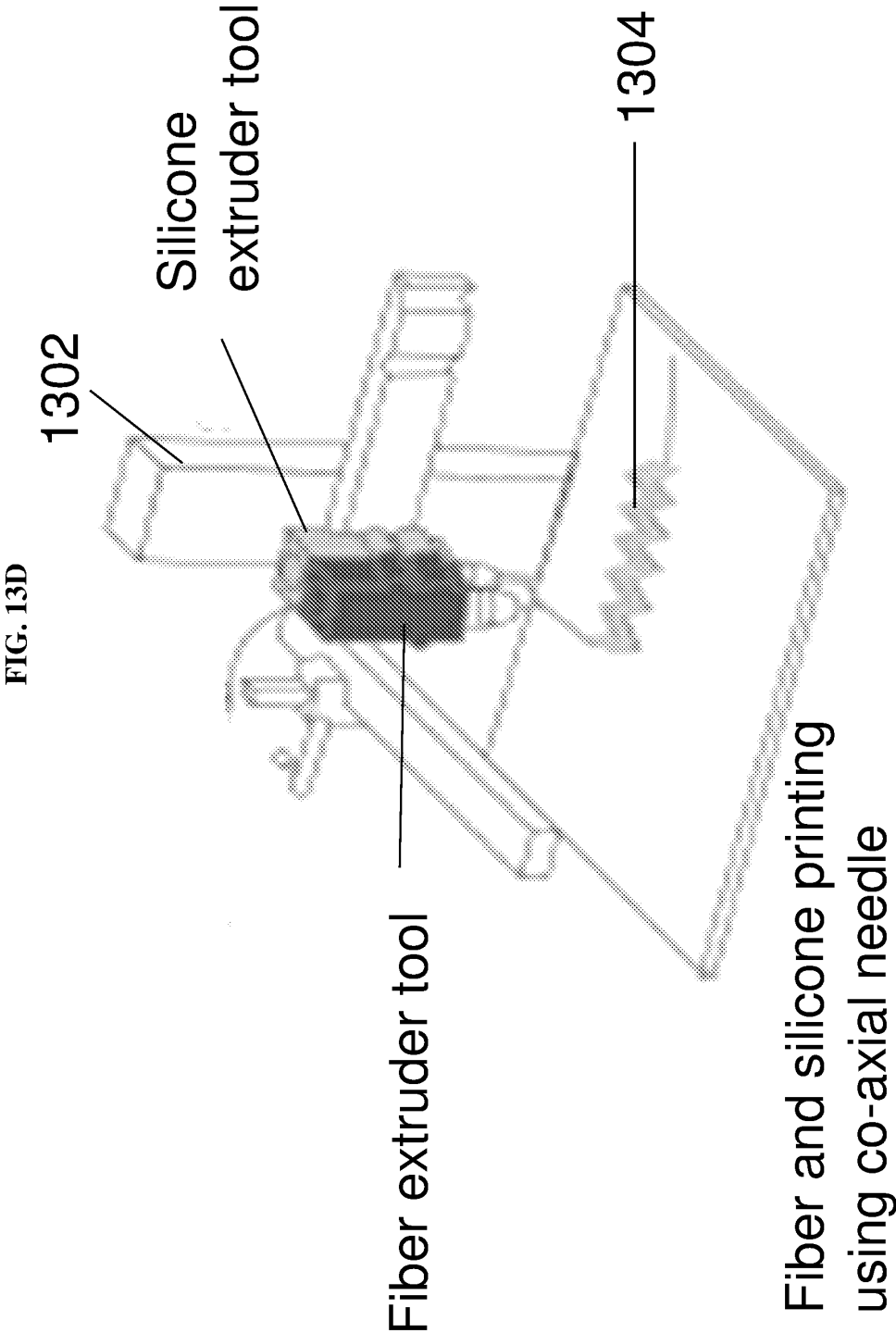
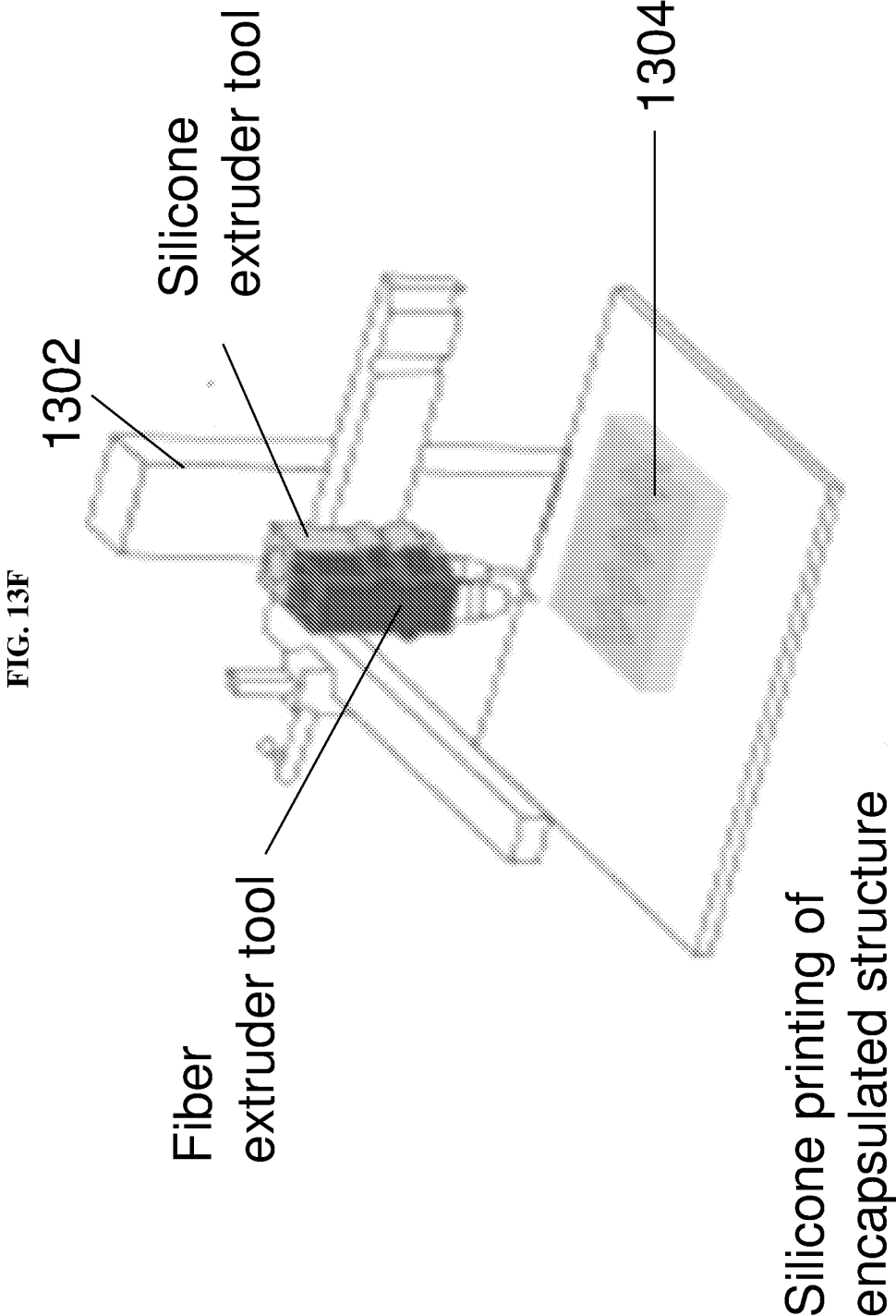


FIG. 13E





38/45
FIG. 14A

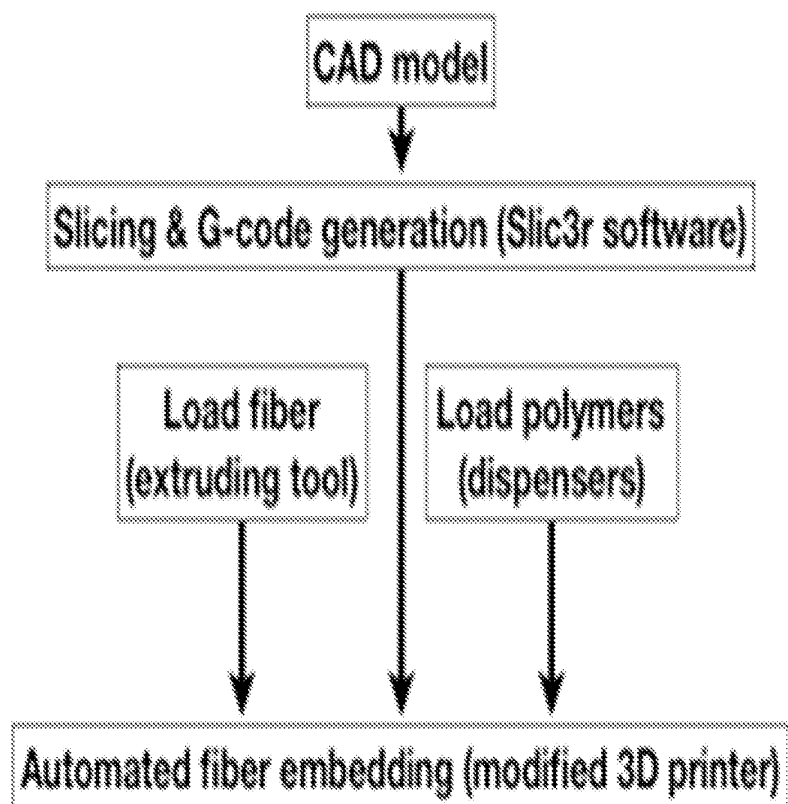
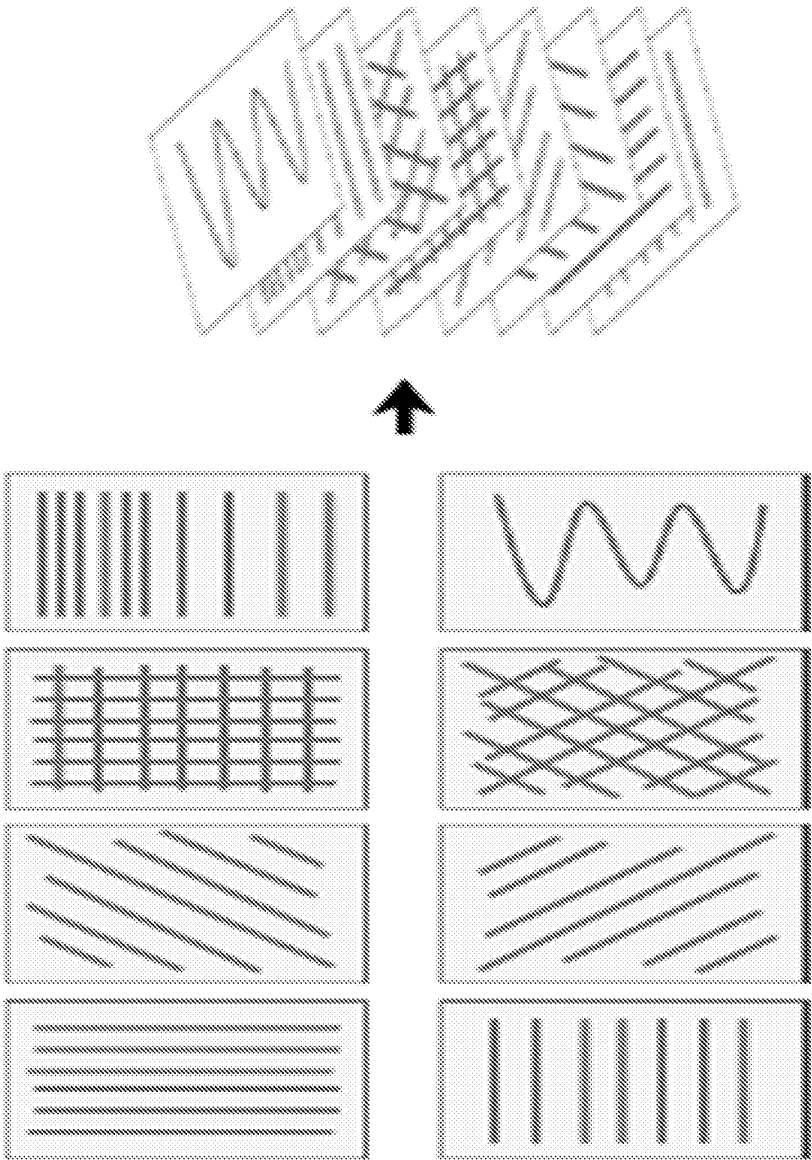


FIG. 14B



40/45

FIG. 15A

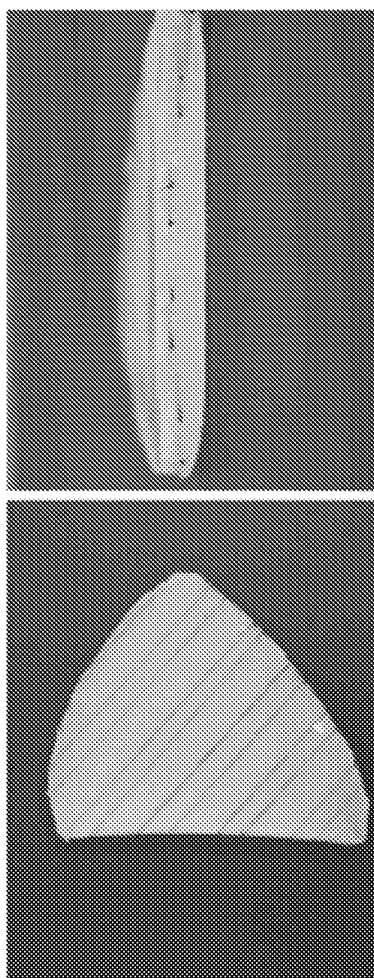


FIG. 15B

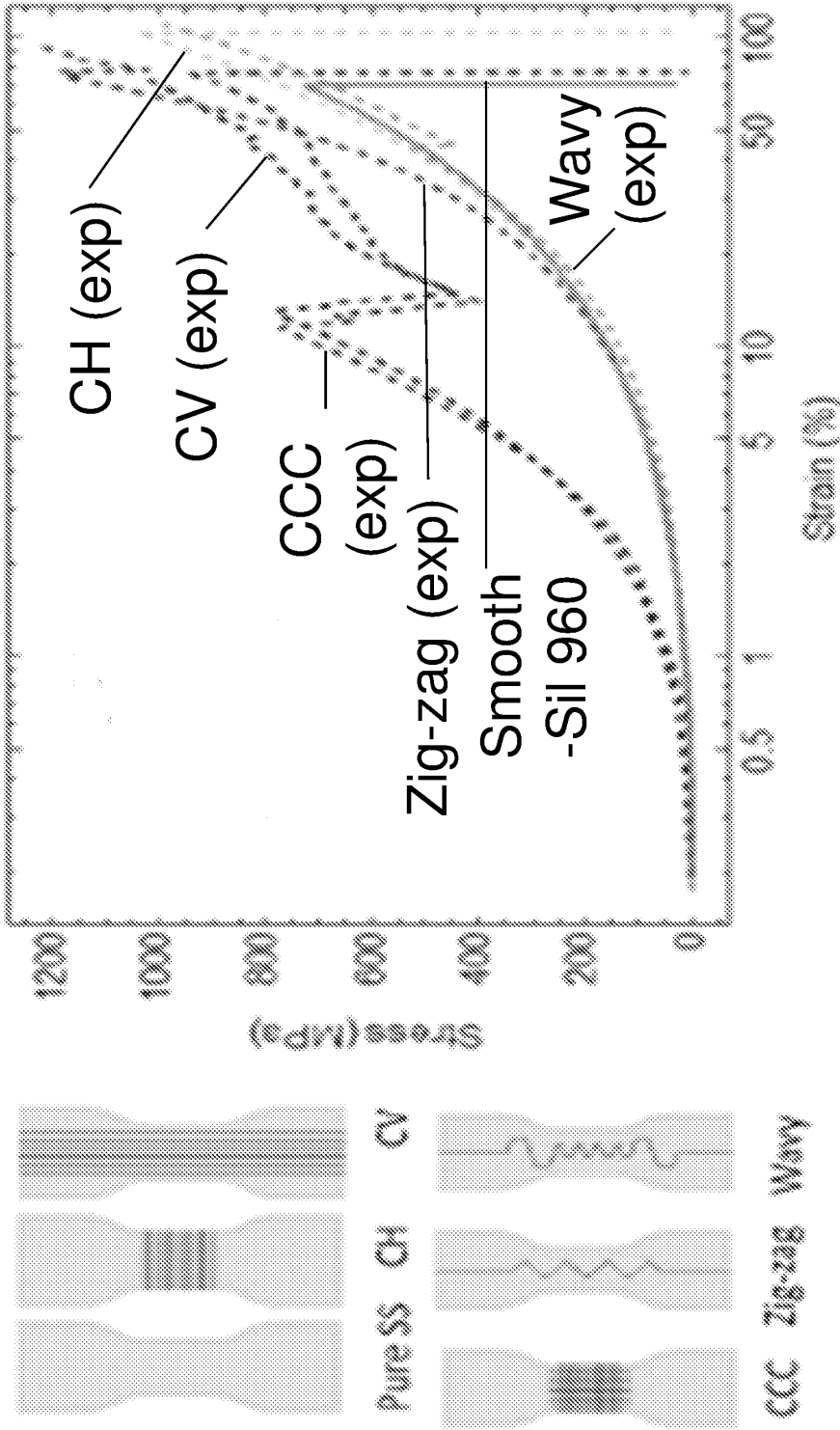


FIG. 16A

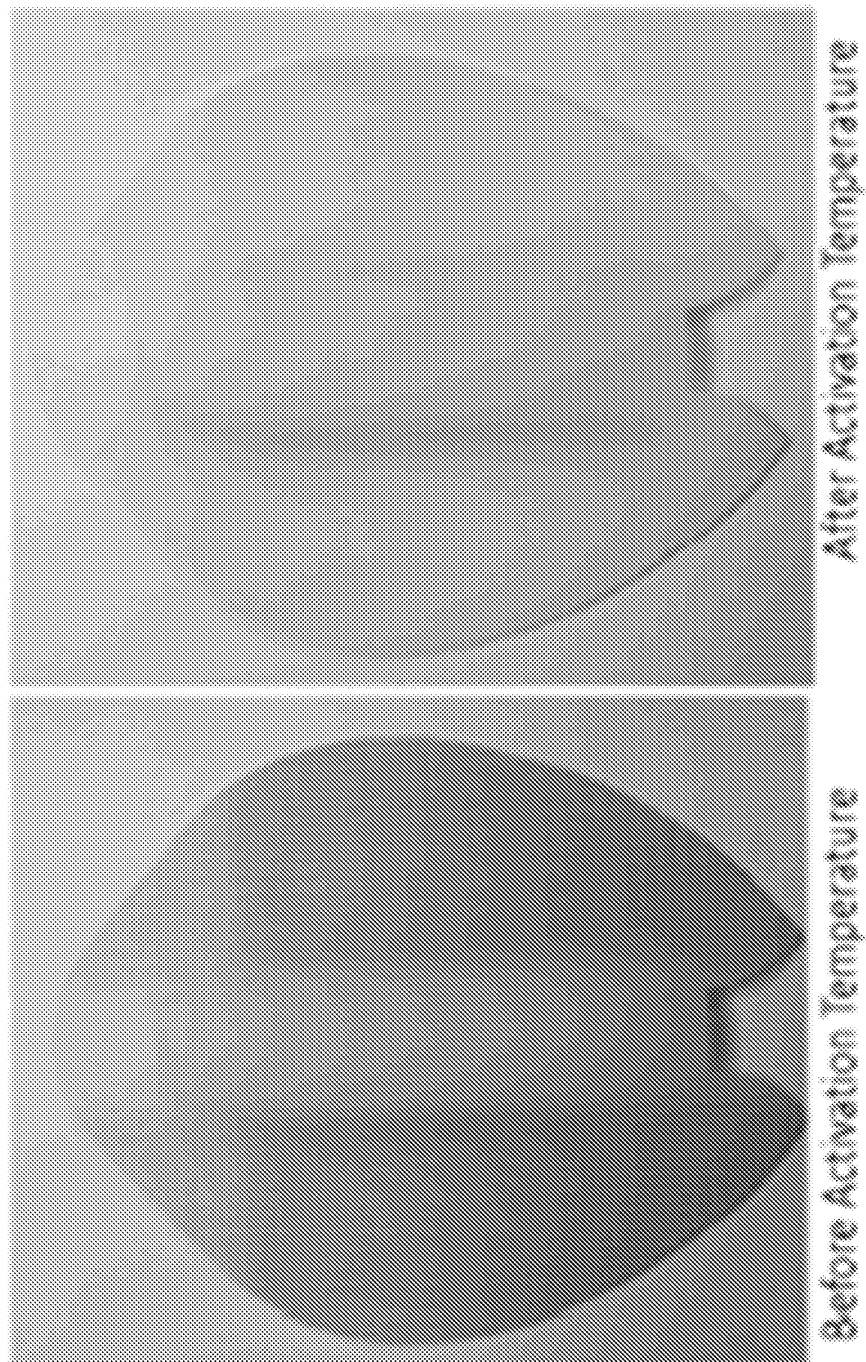
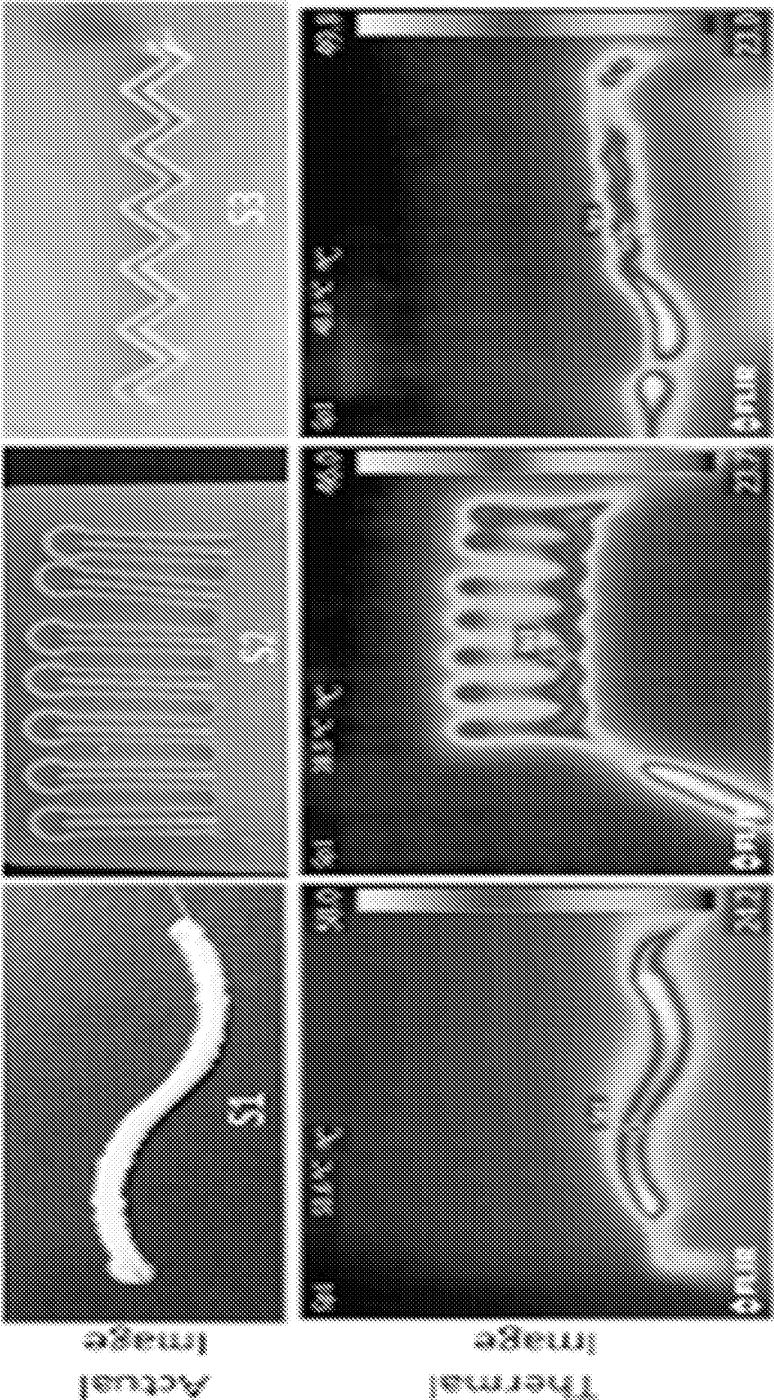


FIG. 16B



44/45

FIG. 17

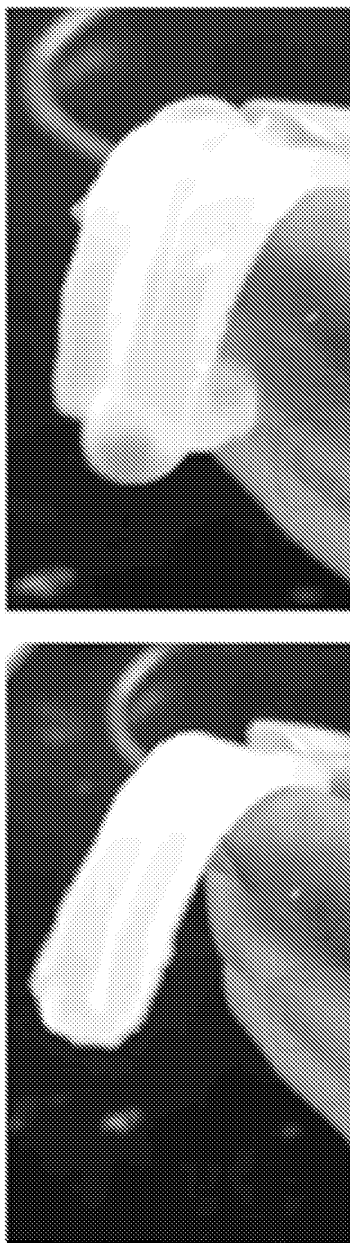


FIG. 18

