

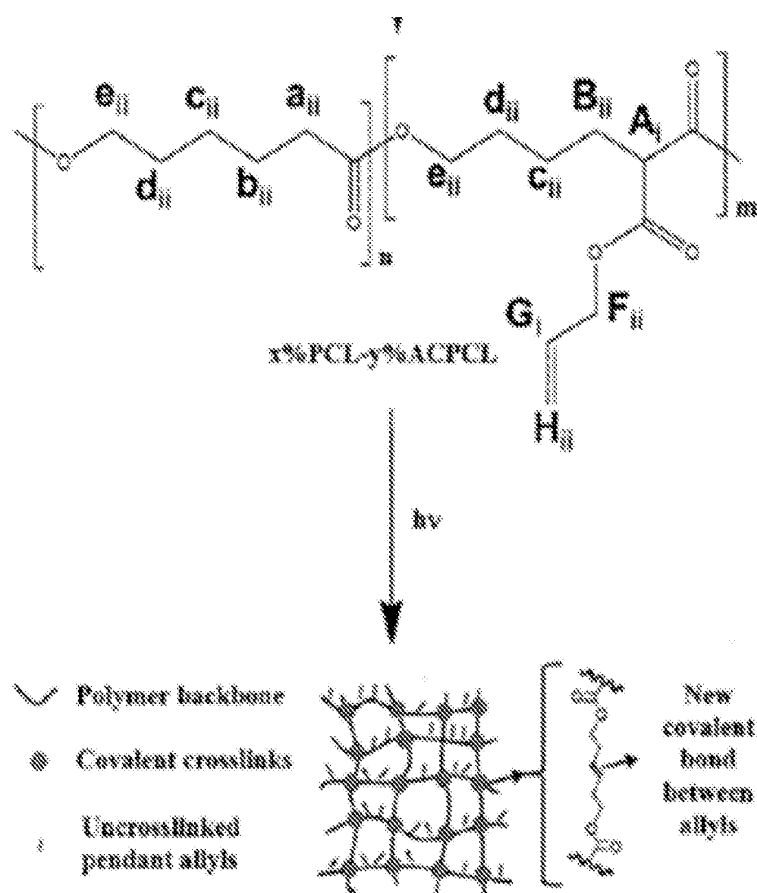


FIG. 1

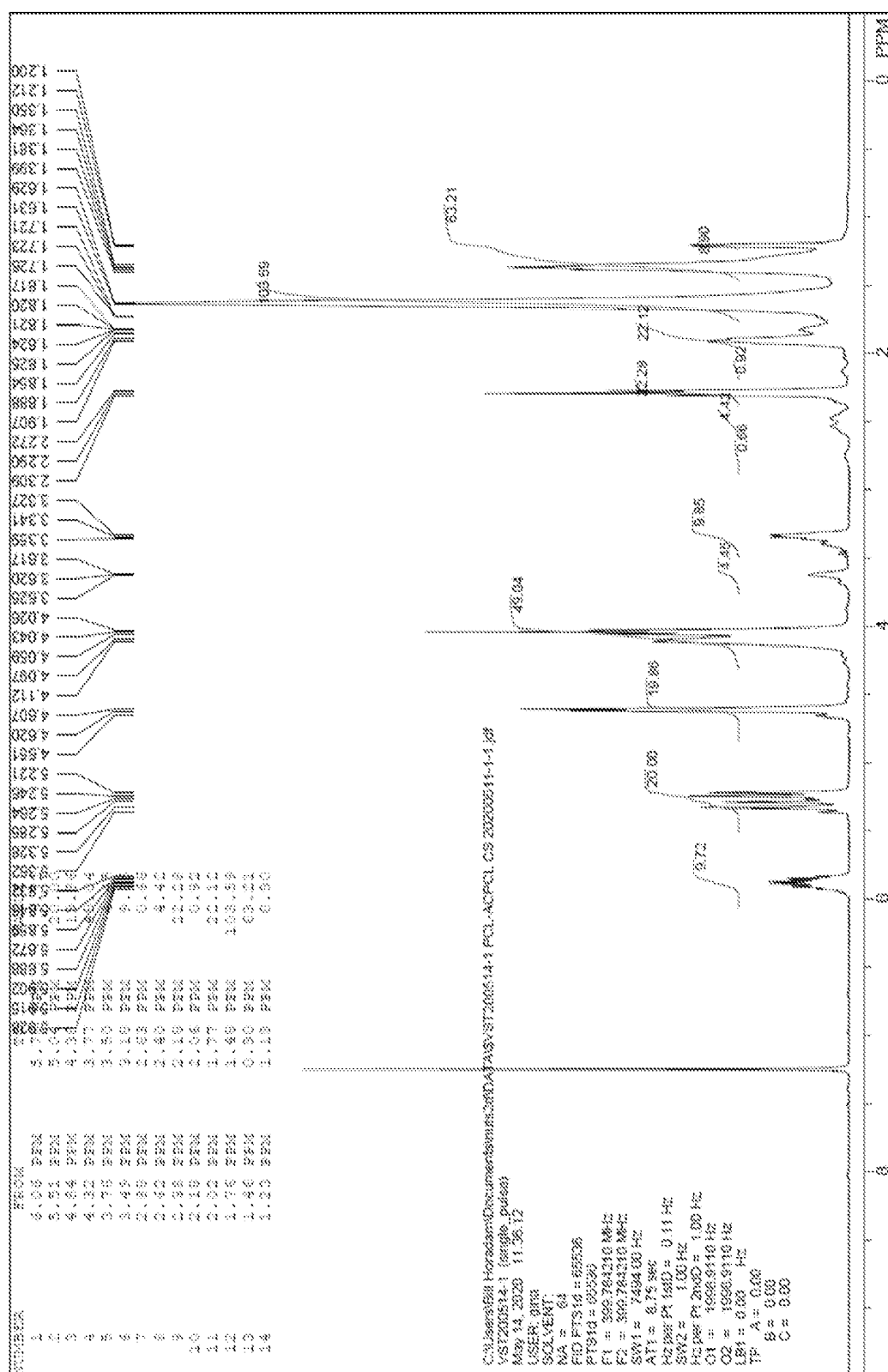


FIG. 2

SUBSTITUTE SHEET (RULE 26)

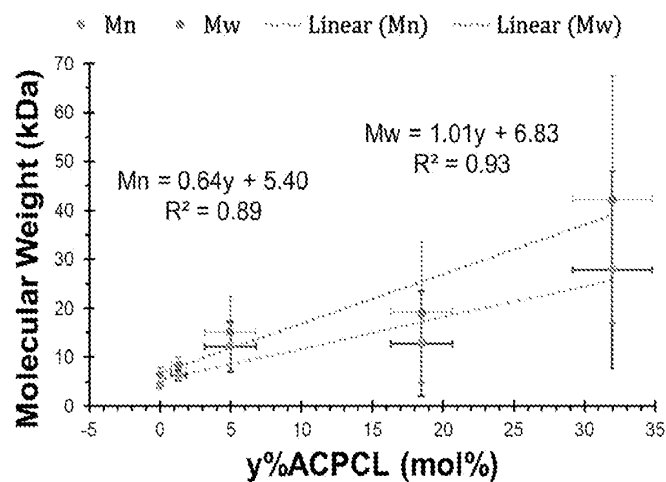


FIG. 3

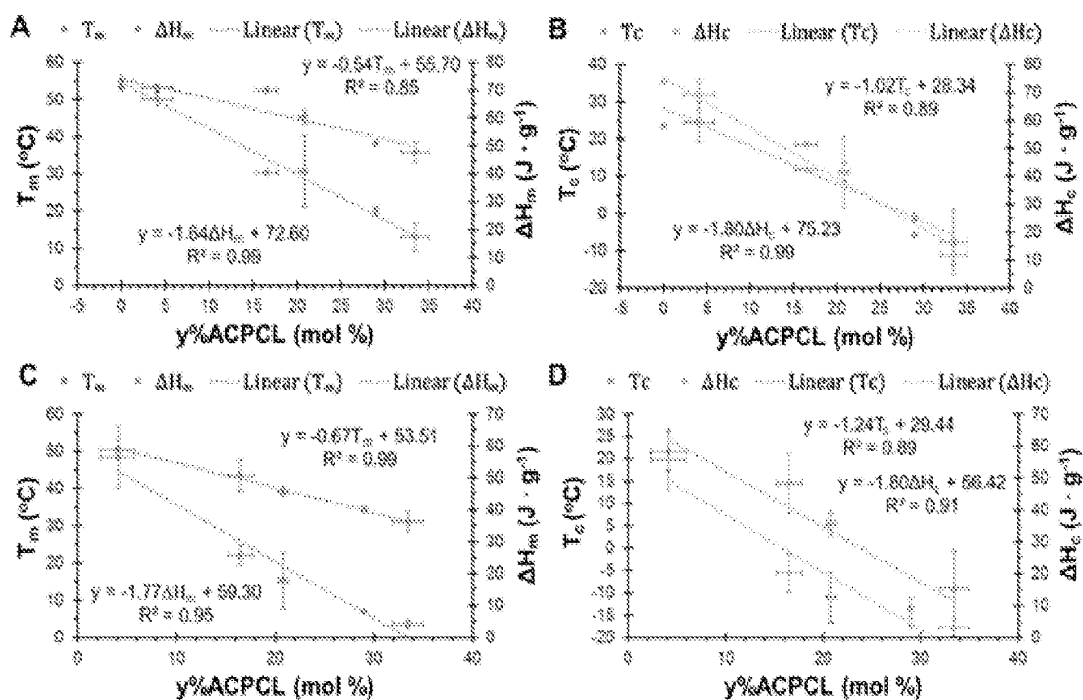


FIG. 4

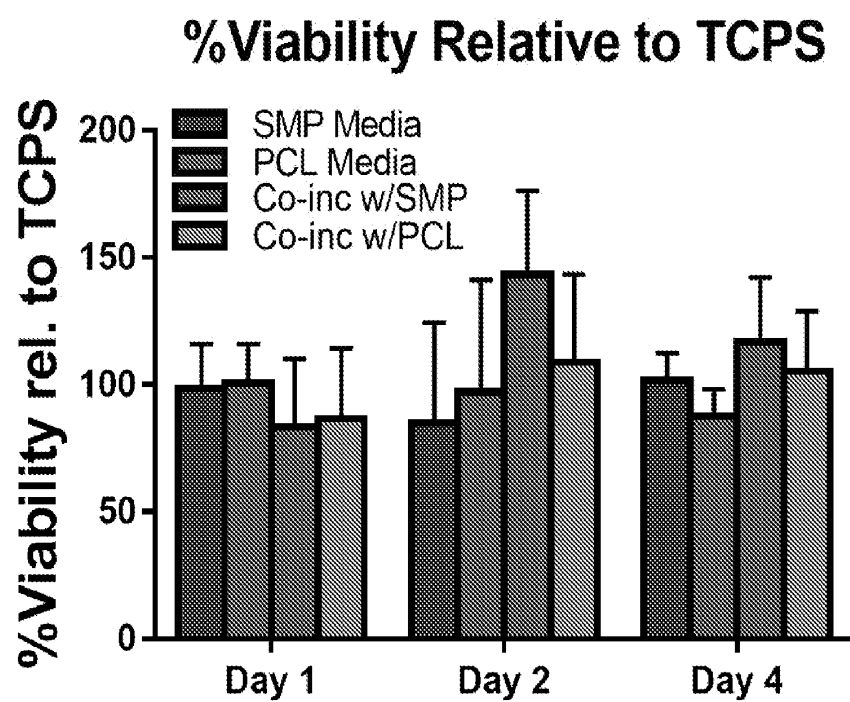
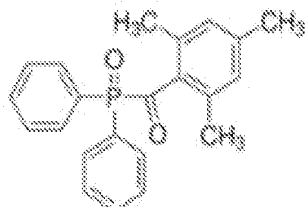
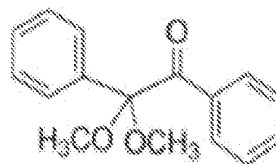


FIG. 5

Both initiators soluble in DMSO at 2 wt%.



Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
(DTPO)
Sigma 415952



2,2-Dimethoxy-2-phenylacetophenone
(DMPA)
Sigma 196118

DTPO is effective at 405 nm.

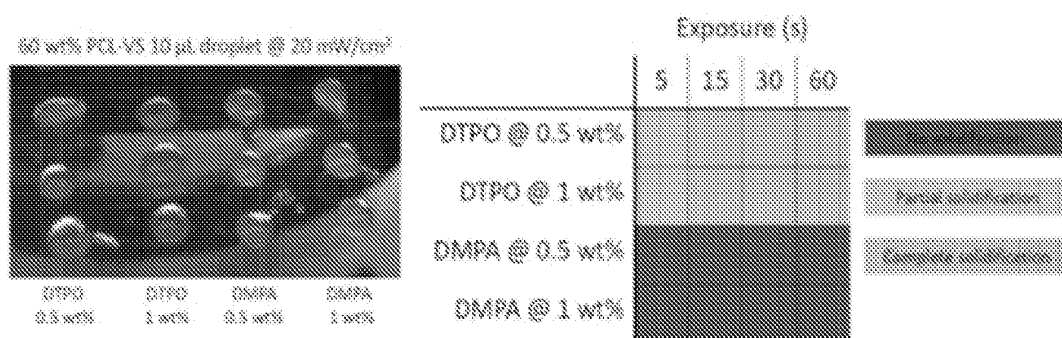


FIG. 6

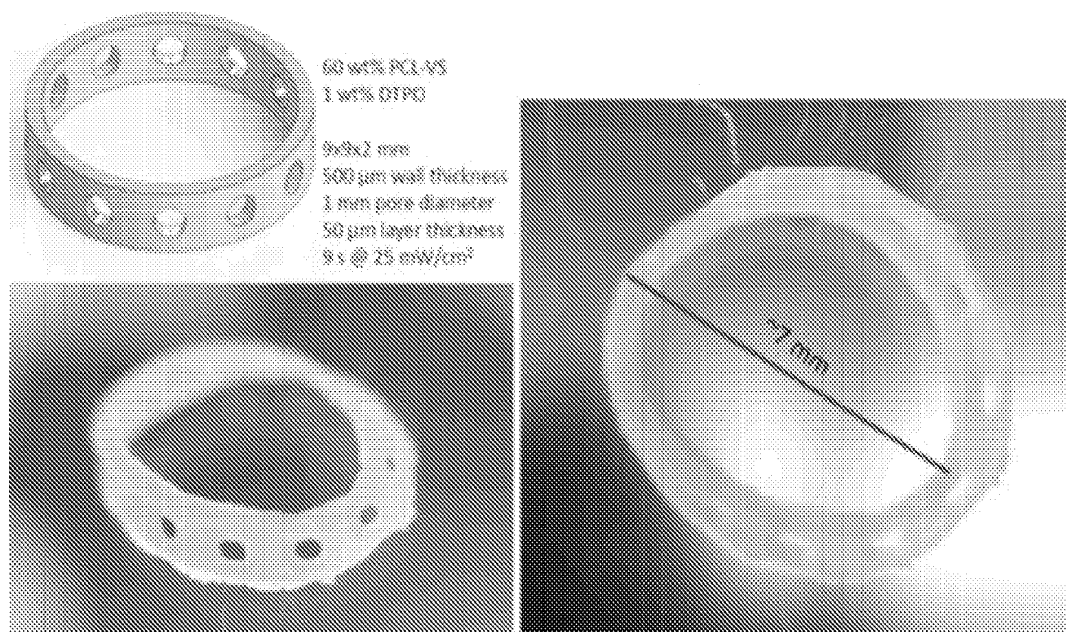


FIG. 7

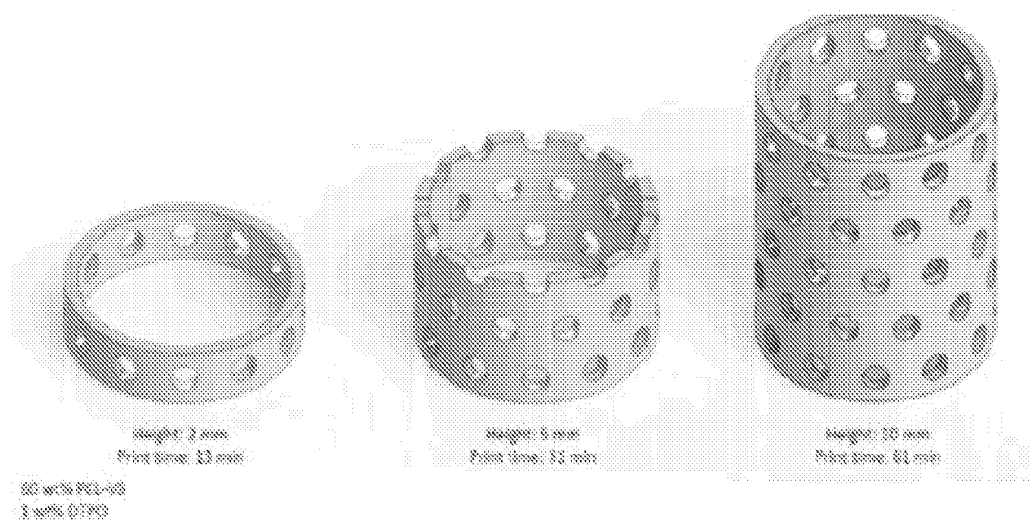


FIG. 8

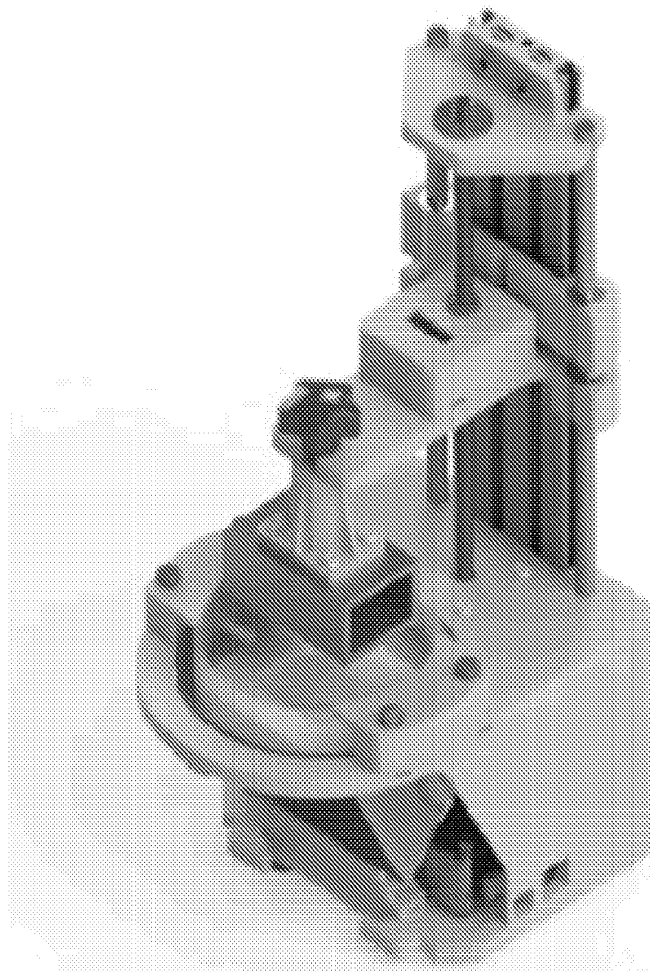


FIG. 9

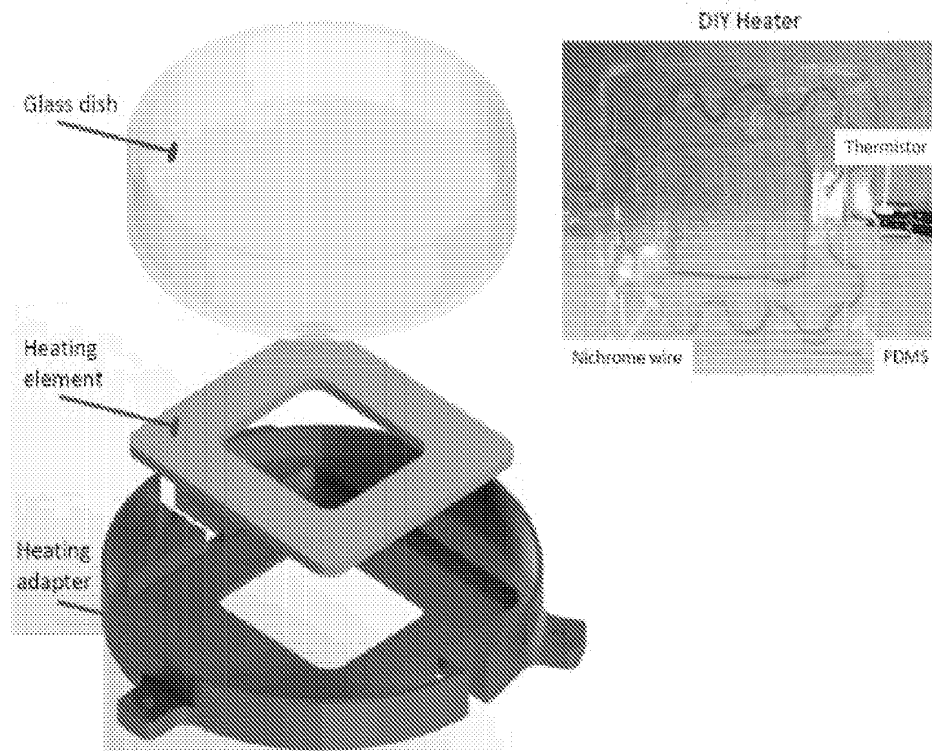


FIG. 10

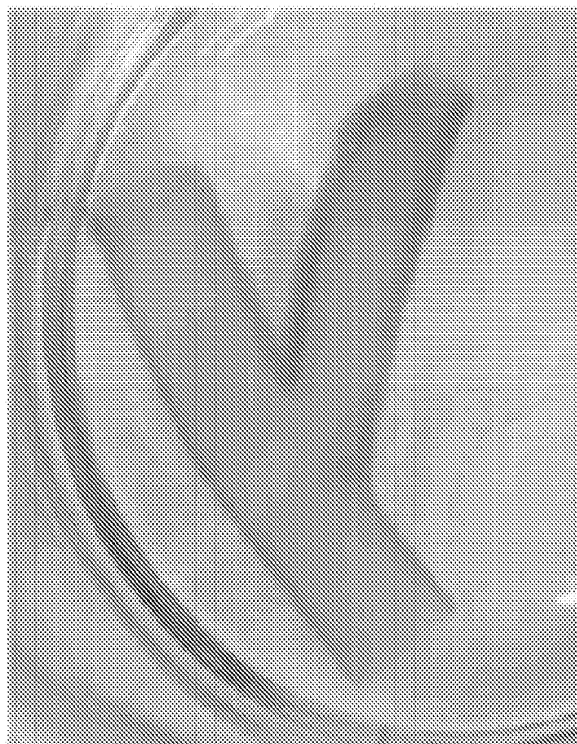


FIG. 11

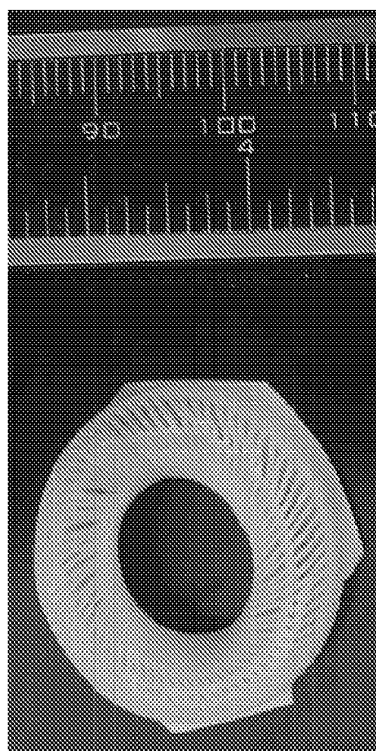


FIG. 12

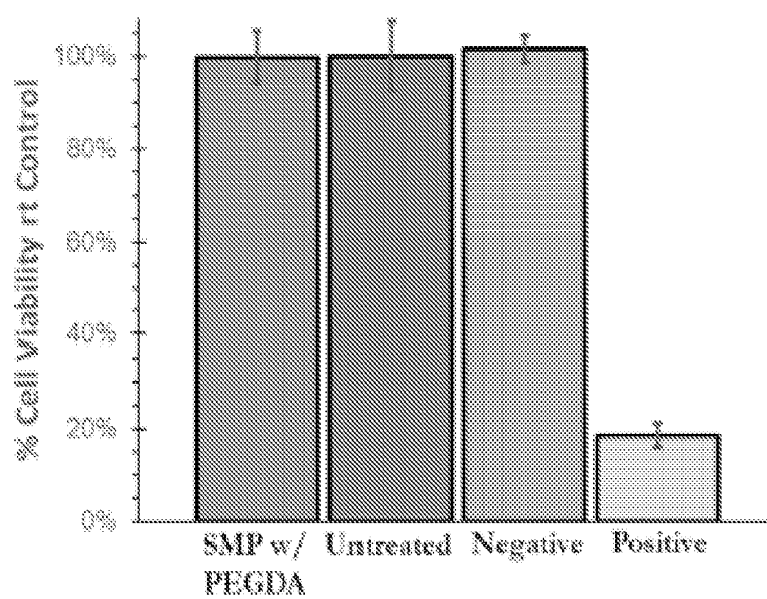
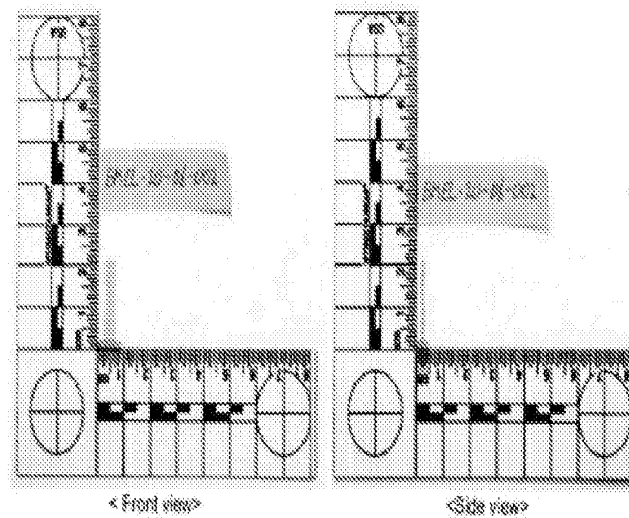
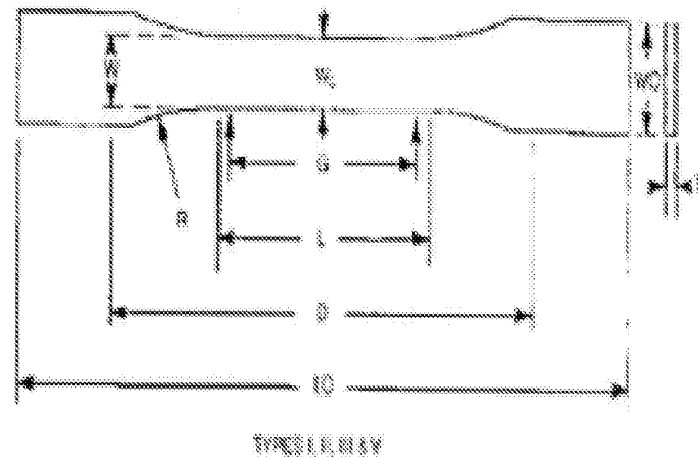


FIG. 13



ASTM D638 sample geometries



L_0 : 0.785 in // W_0 : 0.166 in // G : 0.212 in //

W_c : 0.1295 in // T : 0.0385 in → Area at the center: 0.00498575 square-in

FIG. 14

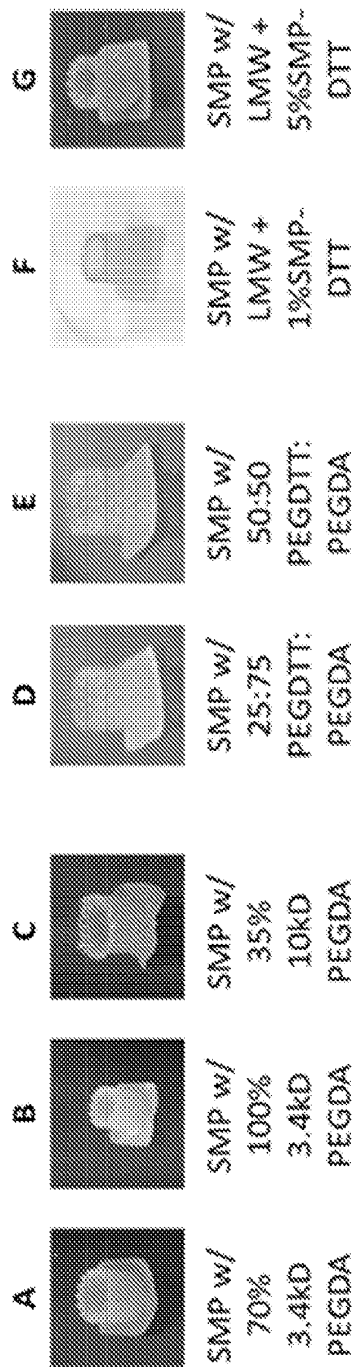


FIG. 15

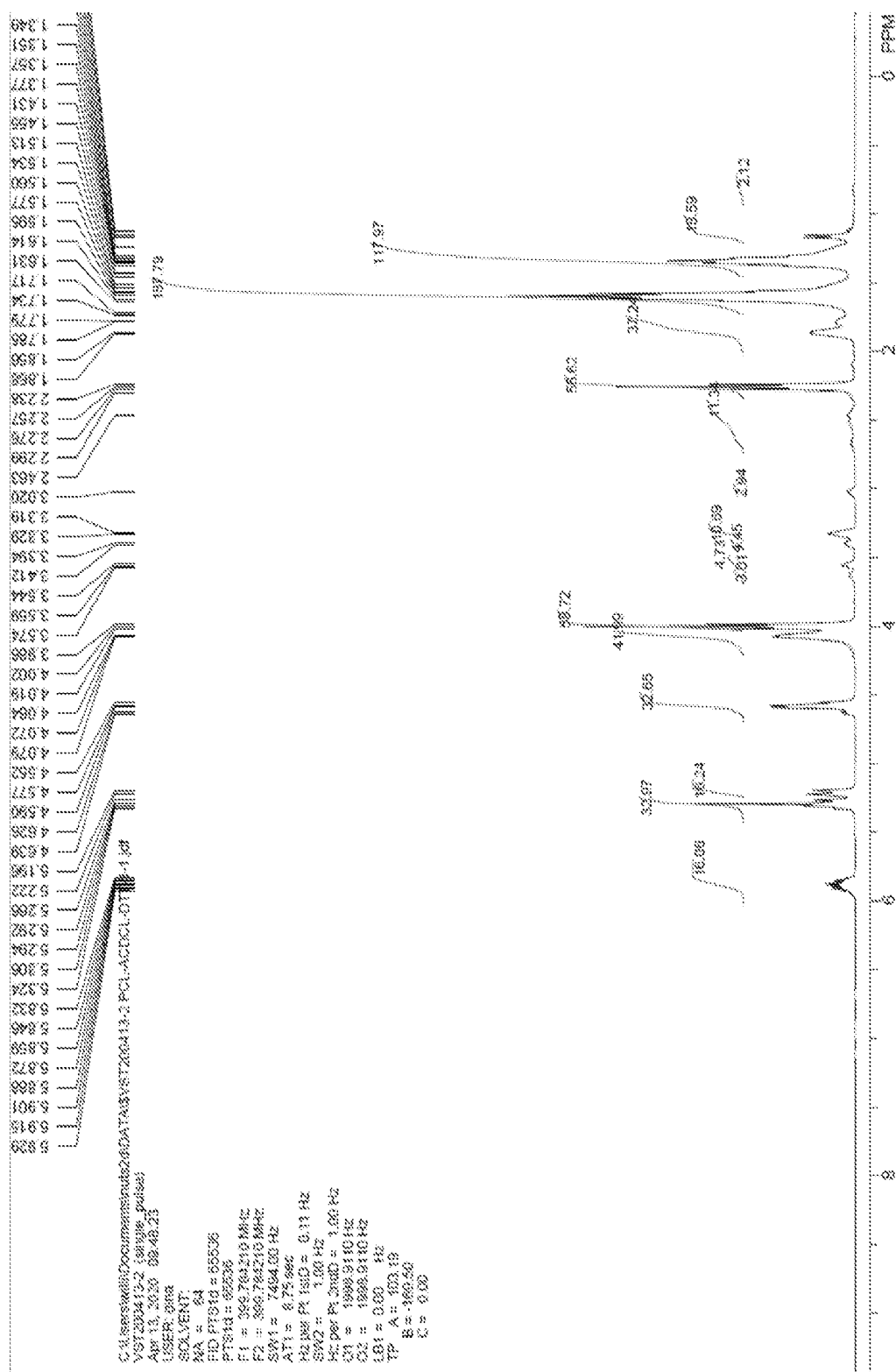


FIG. 17

SUBSTITUTE SHEET (RULE 26)

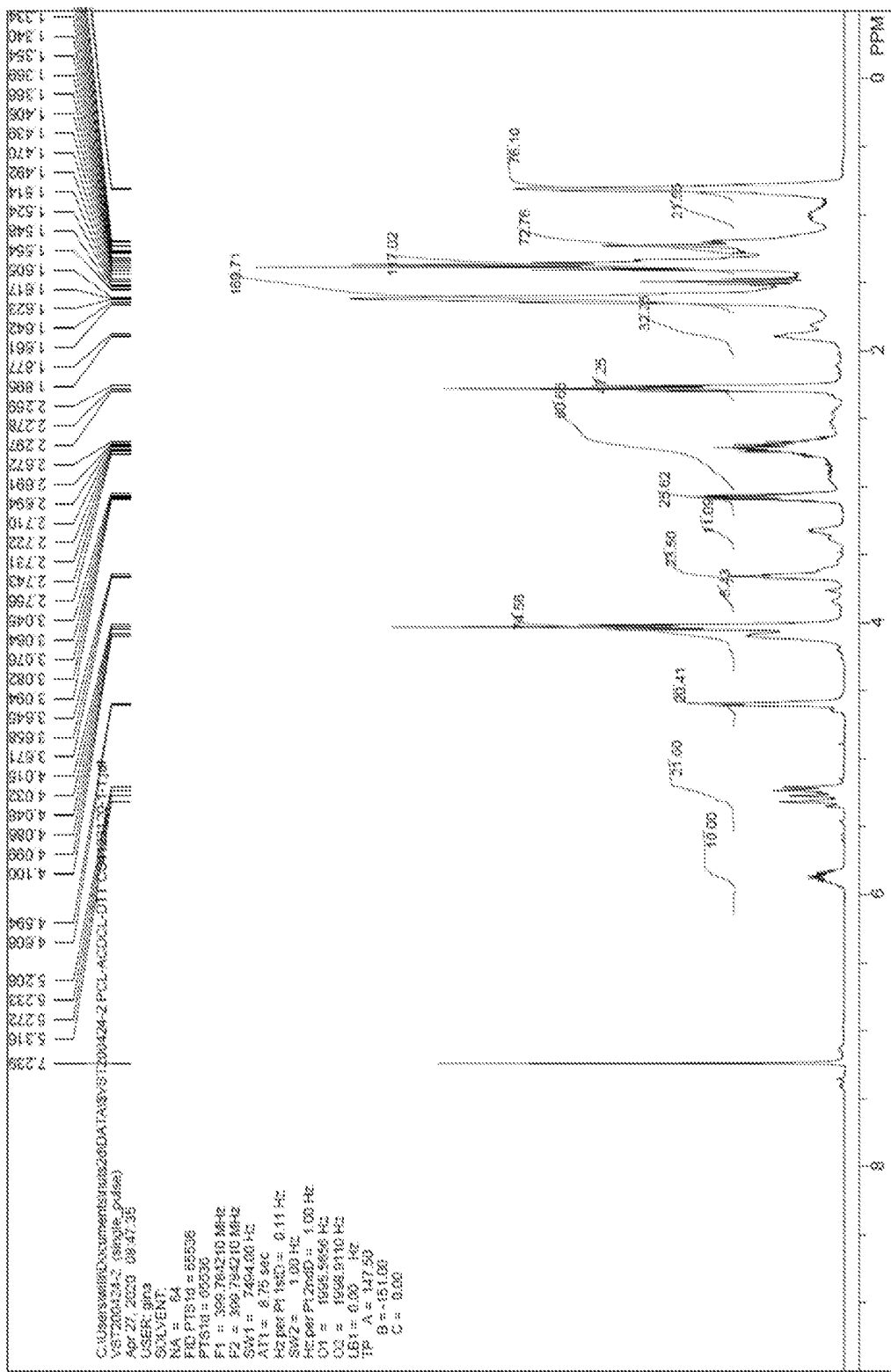


FIG. 18

SUBSTITUTE SHEET (RULE 26)

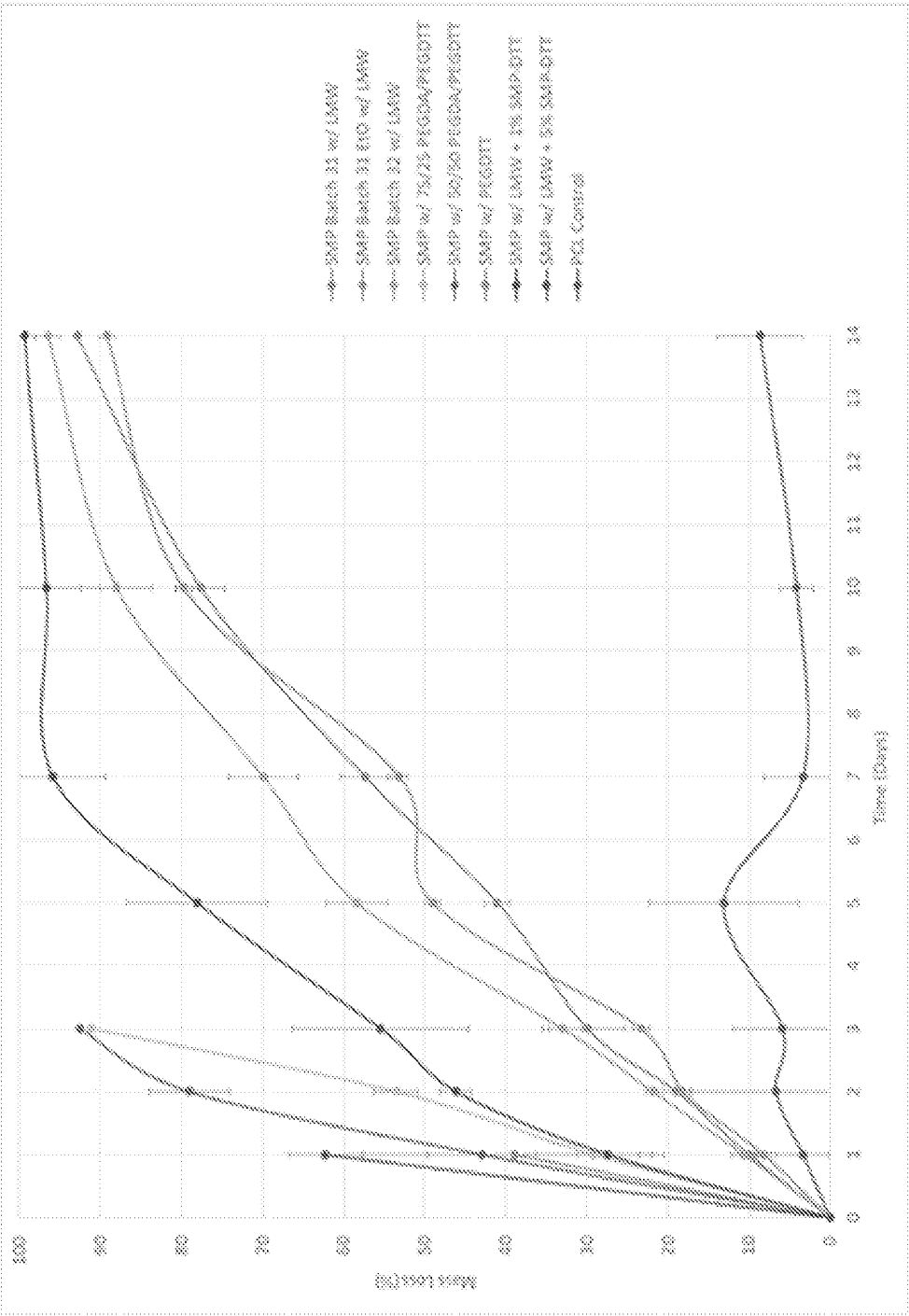


FIG. 19



FIG. 20