

Fig. 1

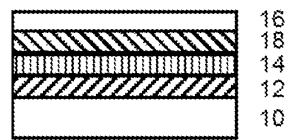


Fig. 2

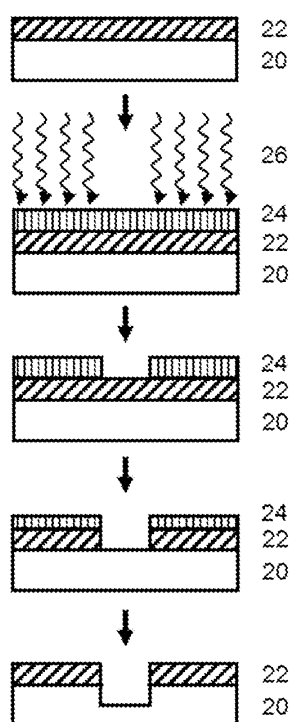
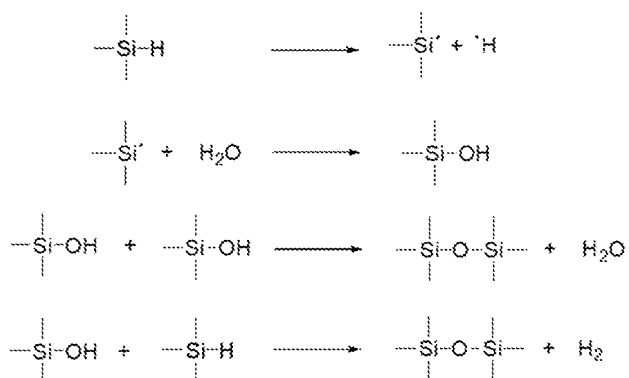


Fig. 3

1) condensation



2) Double bond polymerization: methacrylate polymerization

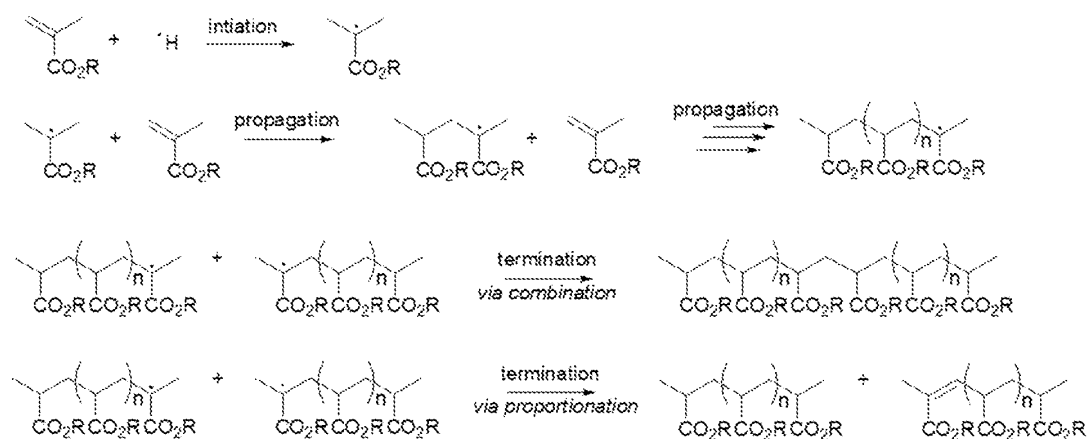


Fig. 4

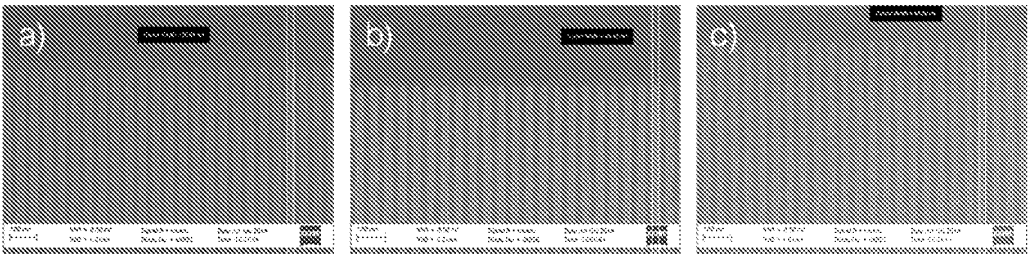


Fig. 5a

Fig. 5b

Fig. 5c

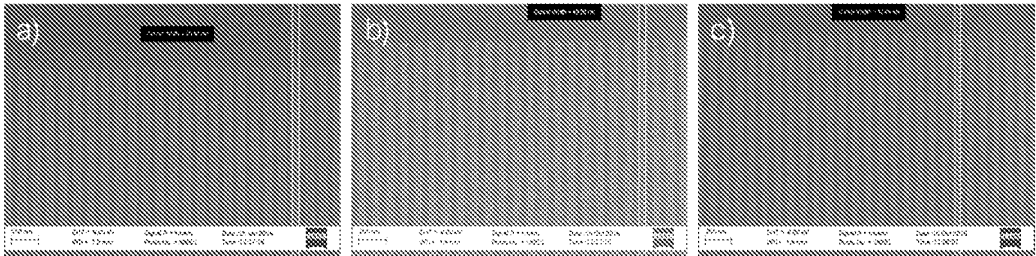


Fig. 6a

Fig. 6b

Fig. 6c

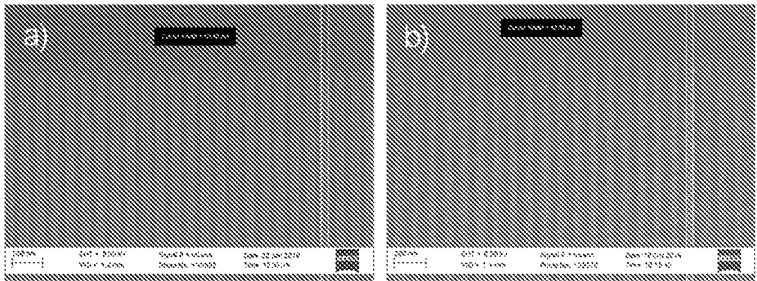


Fig. 7a

Fig. 7b

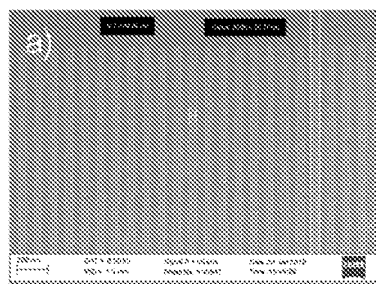


Fig. 8a

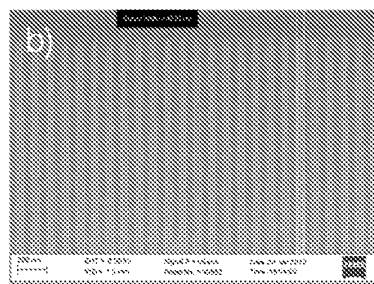


Fig. 8b

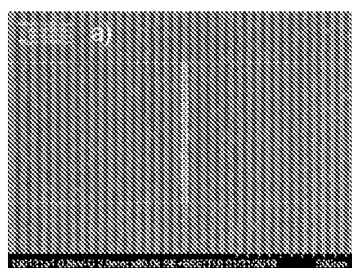


Fig. 9a

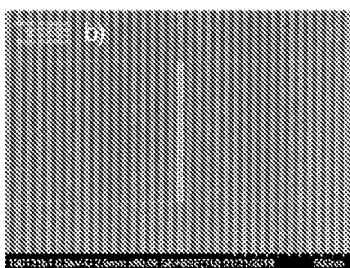


Fig. 9b

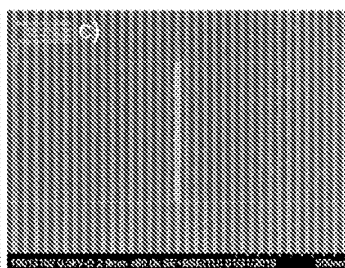


Fig. 9c

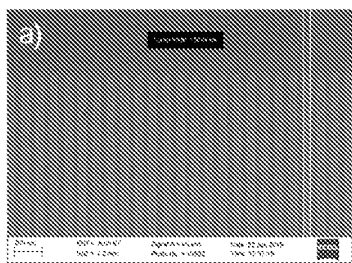


Fig. 10a

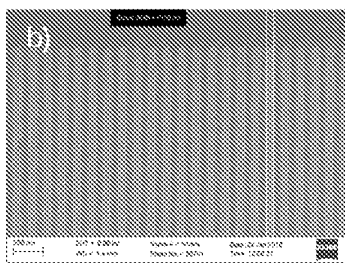


Fig.10b

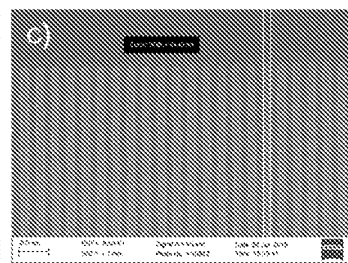


Fig. 10c

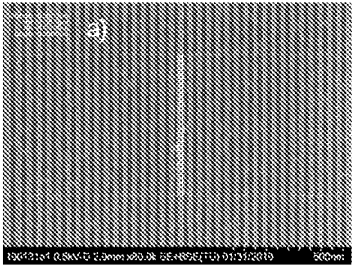


Fig. 11a

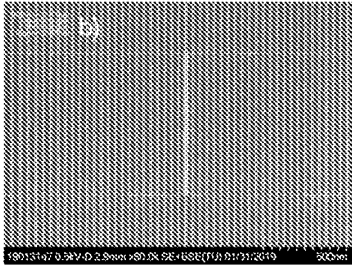


Fig.11b

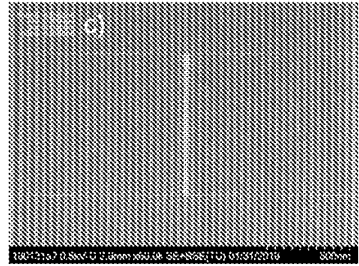


Fig. 11c

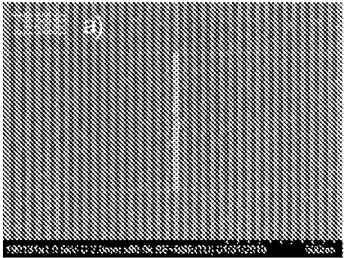


Fig. 12a

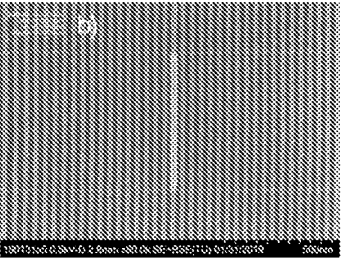


Fig.12b

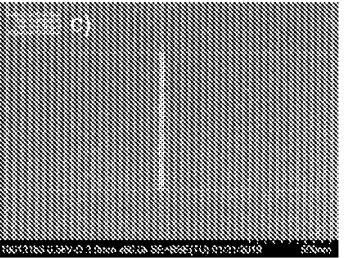


Fig. 12c