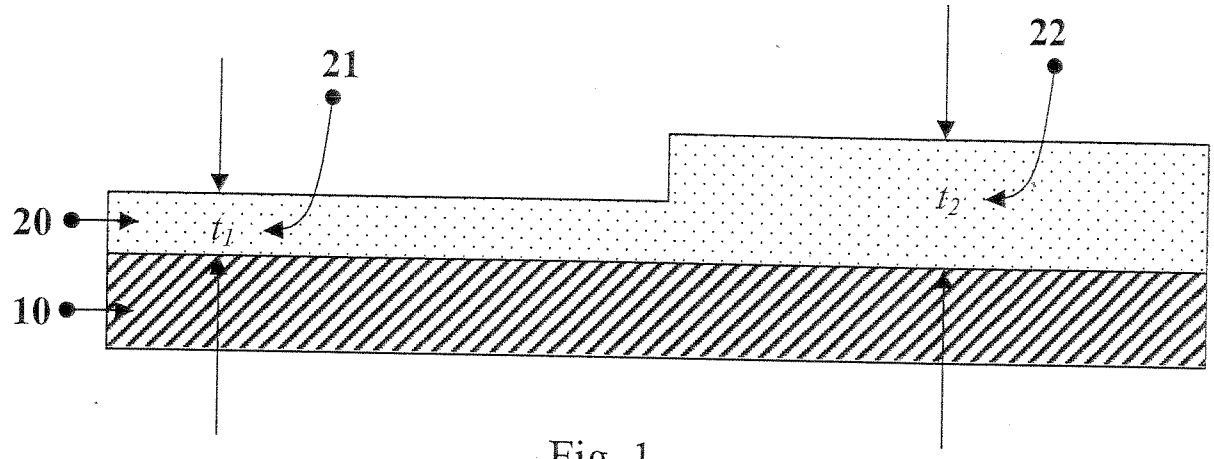


Fig. 1

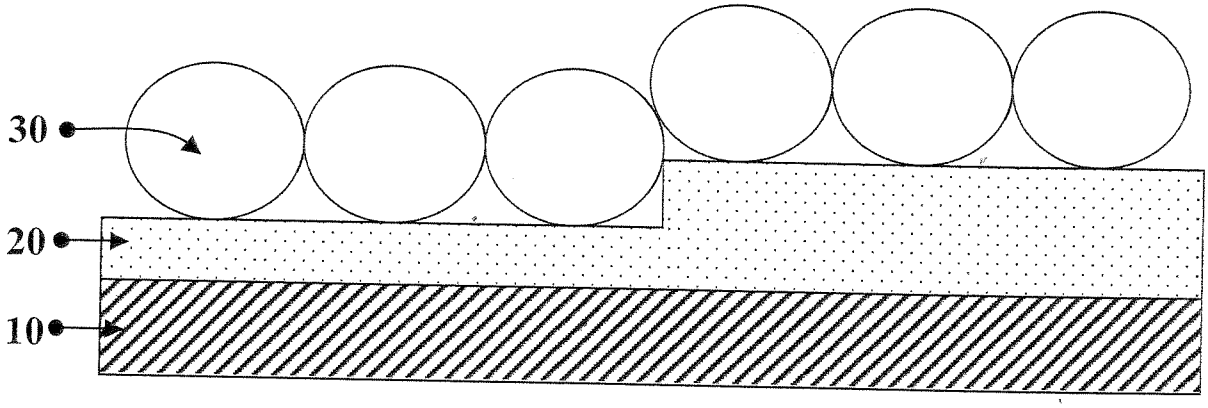


Fig. 2a

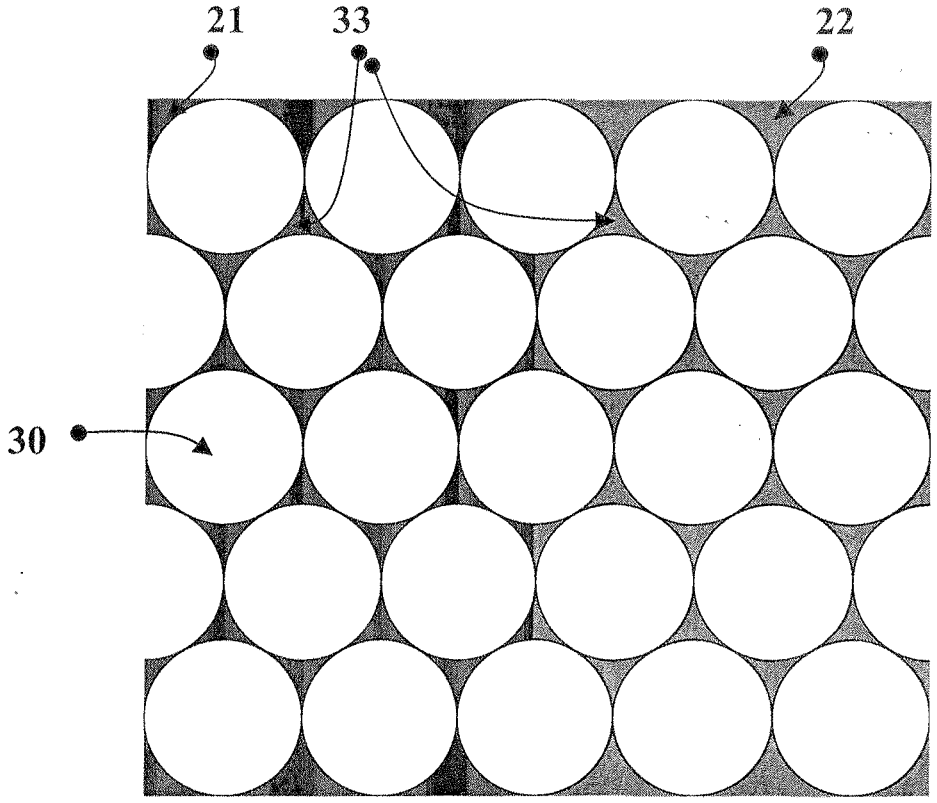


Fig. 2b

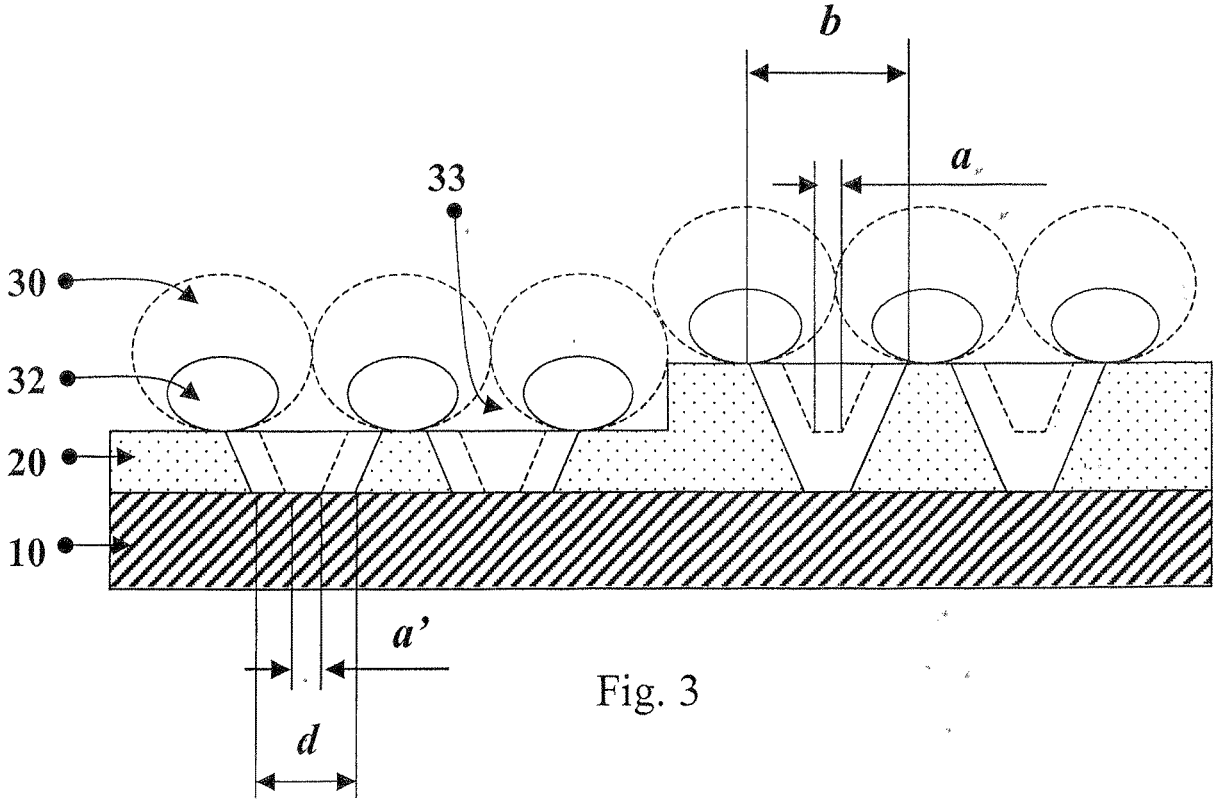


Fig. 3

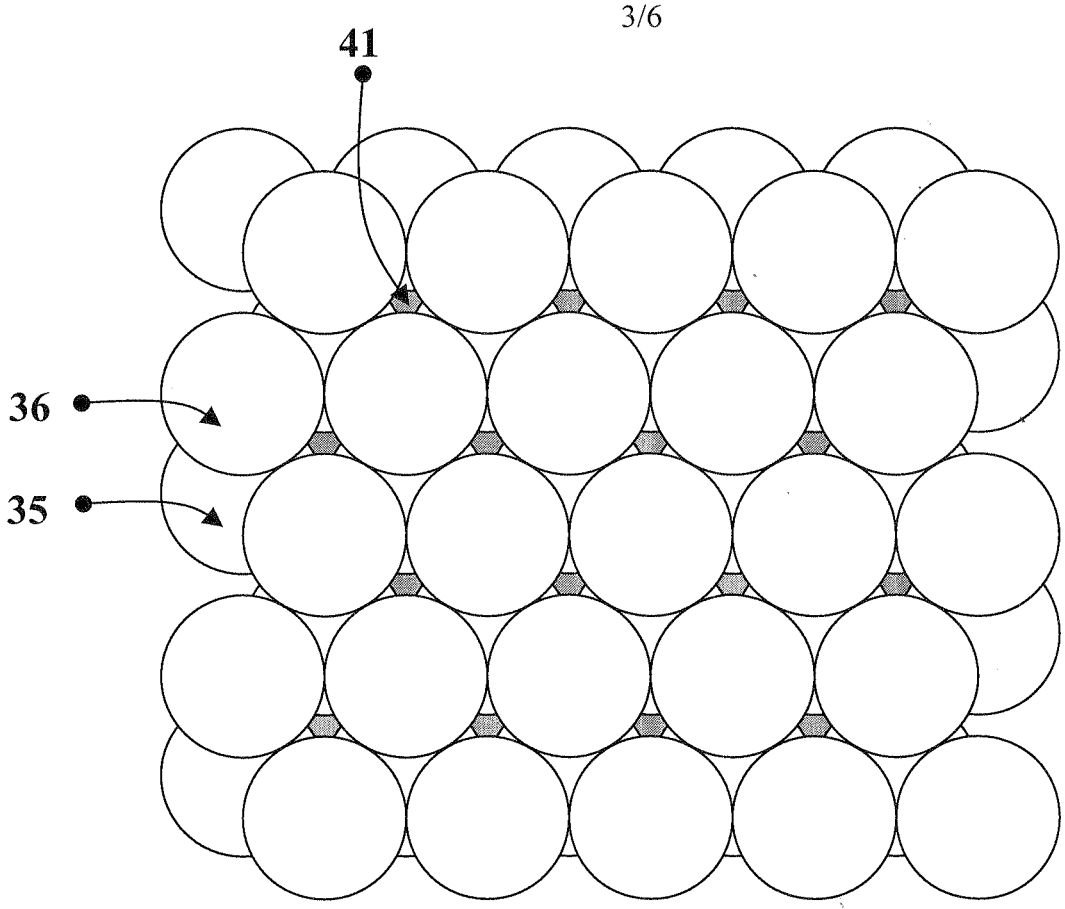


Fig. 4a

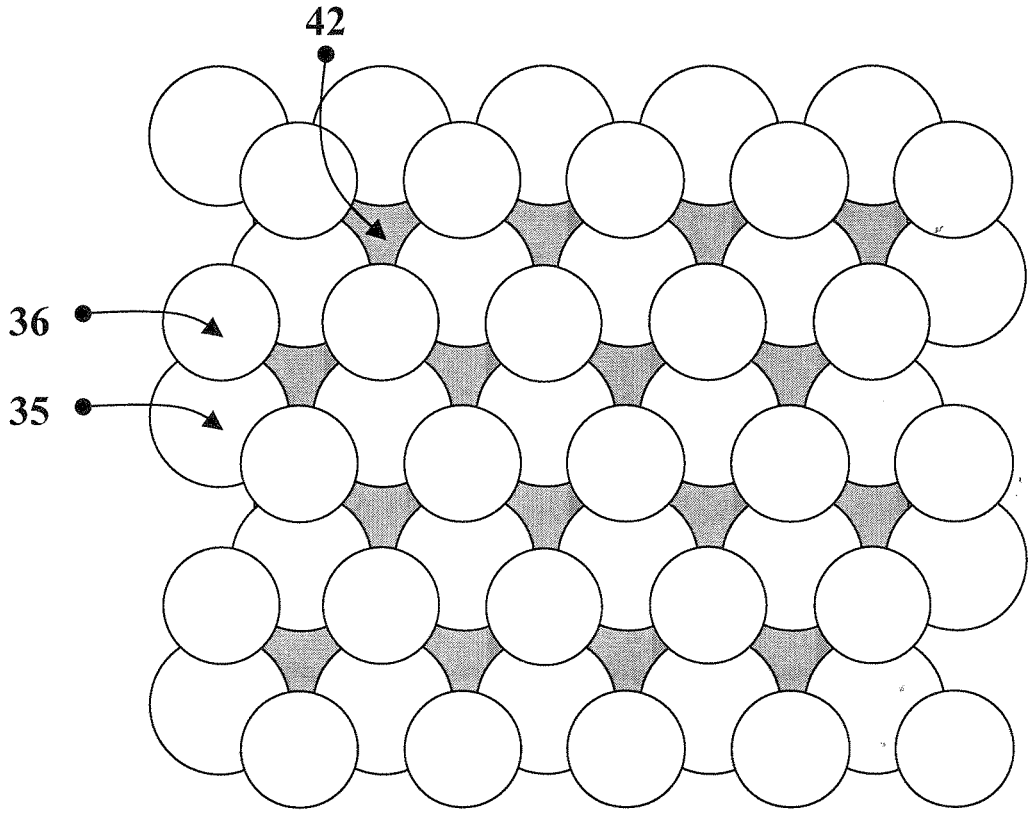


Fig. 4b

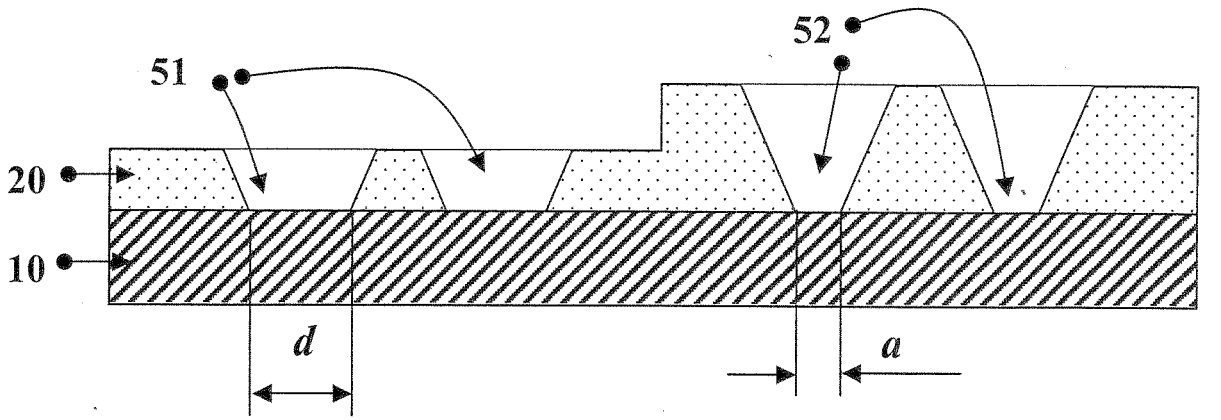


Fig. 5

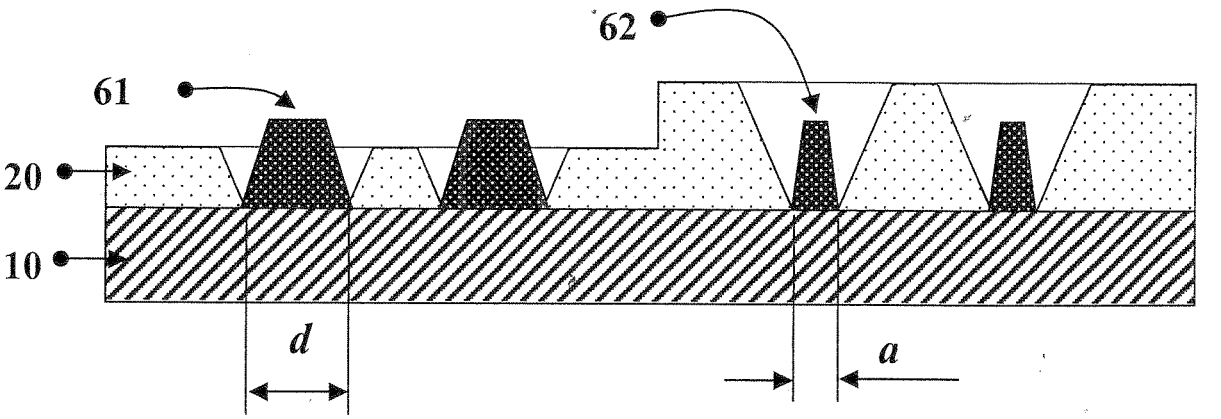
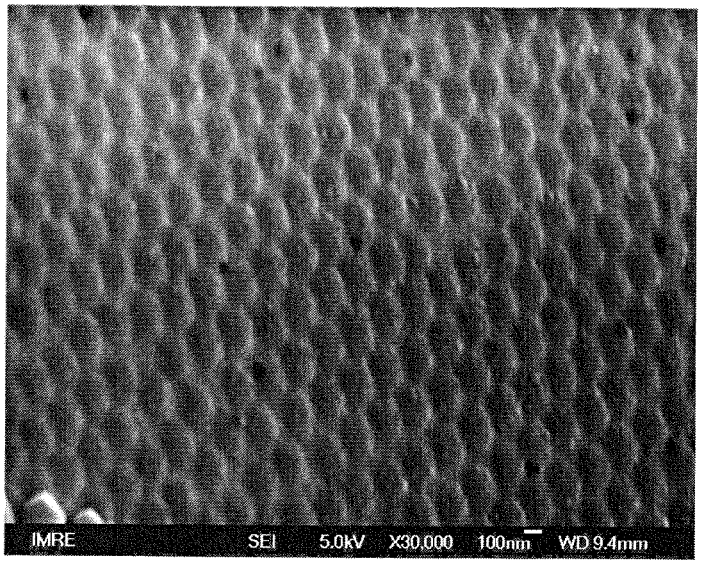
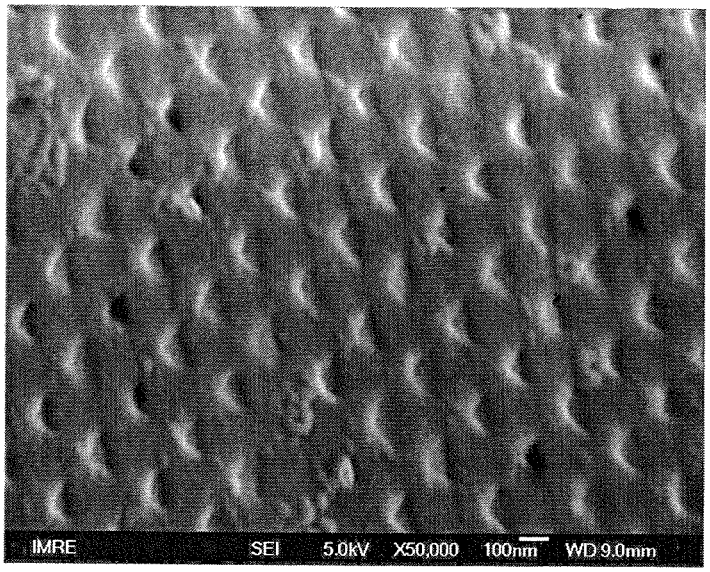


Fig. 6



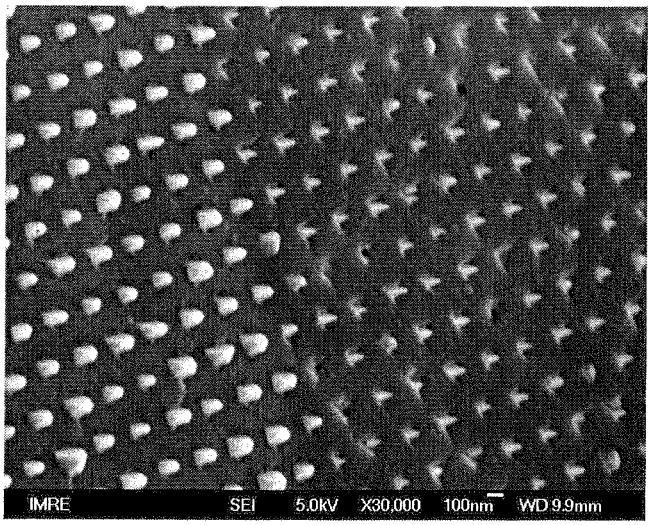
A SEM image shown the patterns of the SiO_2 template on a GaAs surface fabricated through a monolayer PS sphere assembly [20^0 tilted view].

Fig. 7



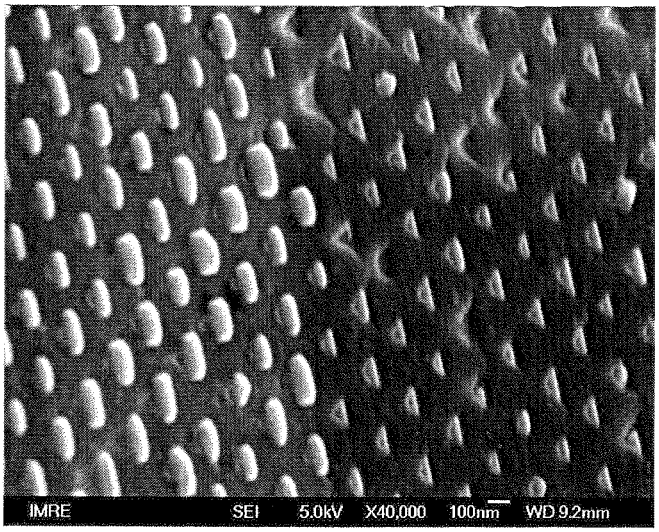
A SEM image shown the patterns of the SiO2 template on GaAs surface fabricated through a bilayer PS sphere assembly [20^0 tilted view].

Fig. 8



A SEM image shown the two sized InGaAs nano dots grown by MOCVD through the patterned SiO_2 template on GaAs surface [45^0 tilted view along the direction of long axle of the dots].

Fig. 9a



A SEM image shown the two sized InGaAs nano dots grown by MOCVD through the patterned SiO_2 template on GaAs surface [45^0 tilted view along the direction of the short axle of the dots].

Fig. 9b