

MONOLAYER OF NANORODS ON A SUBSTRATE AND
METHOD OF FORMING THE SAME

ABSTRACT

5

The present invention is directed to a method of forming a monolayer of nanorods on a substrate, wherein the nanorods are at least substantially vertically aligned, the method including providing a droplet of a solution including said nanorods on a substrate, and controlling the temperature and the evaporation of the solution such that the internal
10 region of the droplet is kept at near equilibrium status to allow formation of the monolayer of nanorods. The present invention also relates to the monolayer of nanorods on the substrate thus obtained. The present invention also further relates to an optical arrangement and use of the optical arrangement.

15 Figure 2A