

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2028/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHEMICAL BATH DEPOSITION EQUIPMENT

(51) International classification	:C25D 19/00	(71)Name of Applicant : 1)BETKAR MAHESHWAR MALLIKARJUN
(31) Priority Document No	:NA	Address of Applicant :SHIVAI, GOKUNDA, TQ.KINWAT,
(32) Priority Date	:NA	DIST. NANDED, MS, INDIA, PIN_431811. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BETKAR MAHESHWAR MALLIKARJUN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns chemical bath deposition equipment for depositing the thin films and method thereof. The deposition method implemented by the invented equipment is advantageous in that, the integrated embodiment bi-directional DC motor successfully optimizes the thermal field distribution and flow field distribution inside the chemical bath reaction fluid, which improves the quality of thin films synthesized. The multiple substrate design enhances the quantity, hence less consumption of experimental compound solutions. The reaction ambience inside the housing is well isolated from the outside atmosphere for creating the toxic free surrounding.

No. of Pages : 25 No. of Claims : 10