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(71) Applicant (for all designated States except US): **NANYANG TECHNOLOGICAL UNIVERSITY** [SG/SG];
50 Nanyang Avenue, Singapore 639798 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HUANG, Hui** [CN/SG]; Nanyang Technological University, c/o Nanyang Innovation & Enterprise Office (NIEO), Innovation Centre Blk 1, Unit 100, 16 Nanyang Drive, Singapore 637722 (SG). **TAN, Ooi Kiang** [SG/SG]; Nanyang Technological University, c/o Nanyang Innovation & Enterprise Office (NIEO), Innovation Centre Blk 1, Unit 100, 16 Nanyang Drive, Singapore 637722 (SG). **TSE, Man Siu** [SG/SG]; Nanyang Technological University, c/o Nanyang Innovation & Enterprise Office (NIEO), Innovation Centre Blk 1, Unit 100, 16 Nanyang Drive, Singapore 637722 (SG). **LIM, Chiew Keat** [MY/SG]; Nanyang Technological University, c/o Nanyang Innovation & Enterprise Office

(NIEO), Innovation Centre Blk 1, Unit 100, 16 Nanyang Drive, Singapore 637722 (SG).

(74) Agent: **VIERING, JENTSCHURA & PARTNER LLP**;
P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

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(54) Title: INORGANIC NANORODS AND A METHOD OF FORMING THE SAME, AND A PHOTOELECTRODE AND A PHOTOVOLTAIC DEVICE COMPRISING THE INORGANIC NANORODS

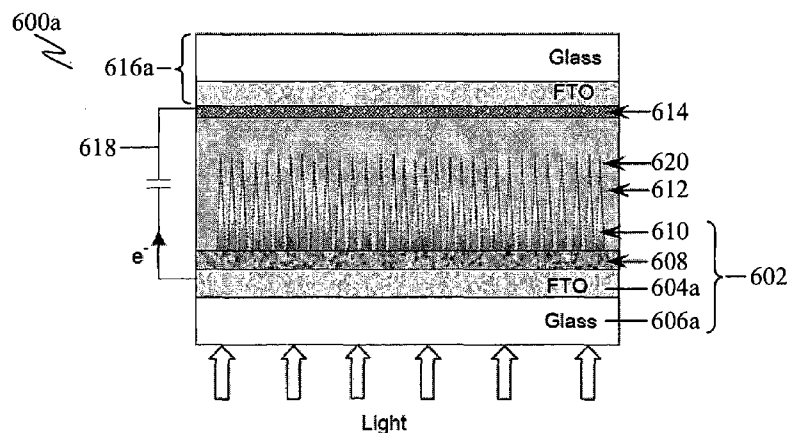


Figure 6 (a)

(57) Abstract: According to embodiments of the present invention, a method of forming inorganic nanorods on an inorganic metal oxide substrate is provided. The method includes: exposing the inorganic metal oxide substrate to a plasma at suitable conditions, wherein the plasma includes one or more precursor materials suitable for forming the inorganic nanorods on the inorganic metal oxide substrate at the given reaction conditions.