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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

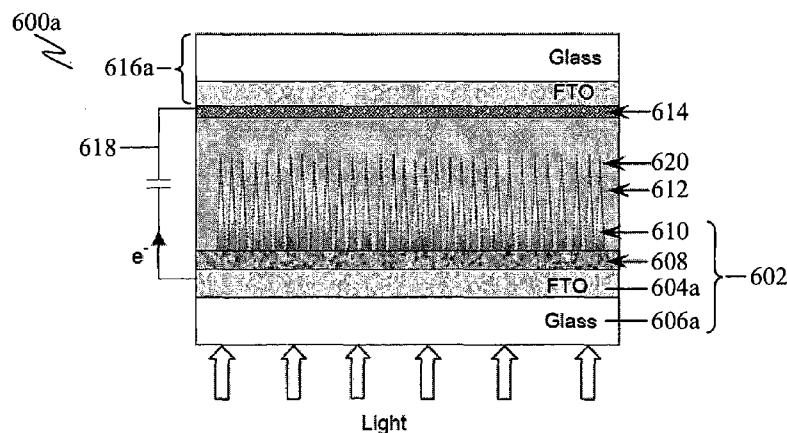


Figure 6 (a)

(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.