



162162



G00002

ABSTRACT OF THE DISCLOSURE

In a surface treatment method of treating the surface of a material to be treated, by irradiating with light the material to be treated and a mediating material in contact with each other, the mediating material itself causes substantially no interaction upon irradiation with light. The surface of the material to be treated is treated by provision of a chemical reaction field, in which a substituent of the material to be treated and an atom of atomic group of the mediating material is induced by excitation, by irradiating with light by using the logical product of the contact interface between the material to be treated and the mediating material and the light irradiation region, thereby causing and progressing bonded state transition.