

SURFACE TREATMENT DEVICE, SURFACE TREATMENT METHOD AND PADDLE

ABSTRACT

The purpose of the present invention is to provide a surface treatment device and a paddle with improved strength and uniform plating thickness by uniformly stirring a surface treatment solution near an object to be plated. Also, the purpose of the present invention is to provide a surface treatment method capable of stirring for a long period of time, by uniformizing a plating thickness, and by improving a strength of a paddle. Further, the purpose of the present invention is to provide the surface treatment device, the surface treatment method, and the paddle capable of decreasing a generation of a turbulent flow in the surface treatment solution. A surface treatment device comprising at least one paddle in a plate shape, in a surface treatment tank, for stirring a surface treatment solution near an object to be plated by reciprocally moving the paddle with respect to the object to be plated, wherein the paddle is configured by integrally forming a plurality of square bars provided in a depth direction or a horizontal direction of the surface treatment solution at regular intervals along the object to be plated, and a liquid draining member for draining a liquid is arranged in at least one side of an end of the paddle.

Fig. 2