

## ABSTRACT

METHOD FOR SURFACE TREATMENT, ORNAMENTS AND ELECTRONIC  
DEVICES

To prevent the surface of Ti and Ti alloys from contamination with fingerprints and being scratched, as well as enhancing the degree of whiteness and improving the quality of appearance.

When machine works such as a honing processing, nicking processing or mirror finishing are applied on the surface 10a of the facing member of watches and clocks composed of Ti and Ti alloys, a layer of Ti oxide is formed to cause the surface blackish. This oxide layer or other foreign substances are eliminated, for example, by a chemical etching or electropolishing by immersing in a etching solution, followed by forming a transparent protective layer on the surface 10a by coating, for example, with a glass coating solution and drying. The etching solution described above preferably comprises a mixed solution containing HF, HNO<sub>3</sub> and H<sub>2</sub>SO<sub>4</sub>.

Figure 3

