## ALIEN PROPERTY CUSTODIAN

PROCESS OF RUSTPROOFING METALS AND OBJECTS WITH A METALLIC SURFACE

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The invention relates to a process of rustproofing metals and objects with a metallic surface.

Several processes of rustproofing metals, such as iron or steel, or objects with a metallic surface, such as a surface of iron or steel, have already been applied. One of the methods which has been particularly used by the cycle-industry consists in the provision of a coating of lacquer on the metal tubes or the like for rustproofing same. It has, however, been found that this process is 10 tend to crack or to chip off. not effective, because the metal gets rusty under the coating of lacquer, especially when the metal has been cleaned with acids; consequently the coating of lacquer gradually cracks and chips off and the uncovered parts of the metal are ex- 15 posed to the air thus facilitating the rusting of

The object of the invention is to quickly and effectively rustproofing metals or objects with a metallic surface in a manner which involves few 20 costs and does not require complicated apparatus.

The invention is now characterized by the fact that the metals or the objects to be treated are immersed into a diluted solution of phospheric acid containing zinc or iron or a zinc- or iron- 25 F. and then dried. compound dissolved in the phospheric acid and glycerine, after which the metals or the objects

thus treated are removed from the solution and then washed and dried.

The object thus obtained does not tend to rust and is absolutely proof against the action of moisture or other oxidizing or rusting influences. In order to increase the rustpreventing action the treated objects may be provided with a protective coating, such as a coating of lacquer which firmly adheres to the metal and does not

The invention is elucidated by the following example. The surface of the object to be treated is well cleaned in order to remove dirt, grease, oxides etc.

The object thus treated is then immersed into a bath having a temperature of 203° F. and being obtained by adding to 110 litres of water a dough obtained by mixing 833 g of phospheric acid, 300 g. of zinc-dust and 500 g. of water and setting aside the mixture for some hours. Thereupon 143 g. of glycerine (28° Bé.) is added to the bath.

After the object has been subjected for 12 minutes to the action of the bath, same is removed from the bath, washed with water of 202°

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