

THE CRUCIBLES OF THE CREATOR

n Voyage

more of their curiosity satisfied. The degree of Master of Goodfellowship was conferred upon him then and there and the passengers left the ship with regret at saying good-bye to him.

The difficulties of electroplating with cadmium have been recently overcome.

on opening up an important use for metal, which is now obtainable at a price that is the best results have been obtained from special purified cadmium carbonate, carefully dried, although the commercial salt has proven fairly satisfactory. The cadmium carbonate is dissolved in a solution of potassium cyanide forming clear, bright yellow plating bath. A cadmium plate is used for the cathode. The temperature is maintained either a hot or cold bath, a temperature of about 135 degrees F. being preferred. The coating, though soft, is harder than silver. The deposit is white as tin but not so white as silver. The surface, which takes a very high polish, is not readily tarnished by sulphuretted hydrogen or other vapors.