UNITED STATES PATENT OFFICE.

RICHARD KENNEDY, OF HIGHLAND, WISCONSIN.

PROCESS OF COATING METALLIC FENCE-POSTS.

SPECIFICATION forming part of Letters Patent No. 622,009, dated March 28, 1899.

Application filed October 5, 1898. Serial No. 692,693. (No specimens.)

To all whom it may concern:

Be it known that I, RICHARD KENNEDY, a citizen of the United States, and a resident of Highland, in the county of Iowa and State of Wisconsin, have invented a certain new and useful Process of Coating Metallic Fence-Posts, of which the following is a specification.

The mode of practicing my invention is as follows: I first make a bath of melted zinc, mercury, and an alkali metal, such as potassium or sodium, the mercury and potassium or sodium being added in the form of an amalgam and to act as a flux for the zinc. The metal fence-post or other article to be coated is first thoroughly cleaned by the aid of an emery-wheel or any other suitable abrasive substance and pickeled in the usual manner to render the surface to be coated chemically clean. The post or other article is then plunged in the bath above described and moved about therein until the body of the metal of which the post or other article is formed is of the same temperature as the coating-bath of zinc, so that the flux amalgam will cause a coating of zinc to adhere to the prepared surface of the post or other article.

Having thus described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

The herein-described process of treating metallic fence-posts, which consists in cleaning the post by friction, and by the aid of a dilute acid, and then plunging said post into a bath of melted zinc, mercury and alkali metal, such as potassium or sodium, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

RICHARD KENNEDY.

Witnesses:
J. W. GUNN,
ABE LEWIS.