

UNITED STATES PATENT OFFICE.

JOSEPH JUDGE, OF PITTSBURGH, PENNSYLVANIA.

DETERGENT PASTE.

SPECIFICATION forming part of Letters Patent No. 478,870, dated July 12, 1892.

Application filed March 30, 1892. Serial No. 427,015. (No specimens.)

To all whom it may concern:

Be it known that I, JOSEPH JUDGE, of Pittsburgh, in the county of Luzerne and State of Pennsylvania, have invented a new and useful
5 Detergent Paste, to be used as a scouring and polishing paste for cleaning metals and other substances, and of which the following is a specification.

The composition consists of the following
10 ingredients combined in about the proportions stated: linseed-oil, one part; coal-oil, one part; mirbane-oil, one part; adamantine, one part; ammonia, one part.

The above ingredients are boiled and then
15 thickened with one part of tripoli, so as to form a suitable paste, more especially designed for scouring and polishing all kinds of metals. As soon as the paste has cooled it is ready for use.

The adamantine, which is composed of tal-
20 low and paraffine, hardens the paste to a sufficient degree and renders it very cleanly to handle. After the ingredients are boiled and mixed the adamantine causes the mixture to
25 solidify in a very few minutes. The linseed-oil tends to prevent the paste from becoming dry and brittle. The paste may be rubbed

off almost as soon as applied, so quick is its action on the rust, corrosion, or discoloration upon the surface to be polished, and no fur- 30
ther cleansing of the polished surface is necessary, since there is no whitening, lime, or lamp-black used, and the absence of these substances prevents drying and crumbling of the paste when stored away.

The paste thus prepared can be used for
35 polishing and scouring hot or cold metals of any description and without much labor. The polish will last for a considerable length of time and the articles polished with the paste 40
will not be in the least affected by corrosion or otherwise.

Having thus described my invention, I claim as new and desire to secure by Letters
45 Patent—

The herein-described detergent paste to be
used for scouring and polishing purposes, consisting of linseed-oil, coal-oil, mirbane-oil, adamantine, ammonia, and tripoli, all combined in about the proportions specified.

JOSEPH JUDGE.

Witnesses:

B. J. BURNS,

JAMES O'NEIL.