UNITED STATES PATENT OFFICE.

WILLIAM H. PAYNE, OF WESTERN, ASSIGNOR OF ONE-HALF TO GEORGE B. OLNEY, OF WESTERNVILLE, NEW YORK.

COMPOUND FOR REMOVING RUST SPOTS OR STAINS FROM FABRICS.

SPECIFICATION forming part of Letters Patent No. 278,176, dated May 22, 1883.

Application filed September 14, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM H. PAYNE, of Western, in the county of Oneida and State of New York, have invented a certain new and useful Improvement in Compounds for Removing Rust Spots or Stains from Fabrics, of which the following is a full, clear, and exact description.

This invention relates to compounds for removing iron-rust stains or spots from various kinds of clothing and other fabrics, but more particularly from uncolored or light-colored fabrics.

In preparing my improved compound I take oxalic acid and mix therewith what I term, from the counteracting effect which it is designed to produce, a "volatile anti-corrosive product," such as spirits of turpentine or benzine. The proportions of these ingredients are one dram, or thereabout, of the anti-corrosive product—that is, spirits of turpentine or benzine—to each ounce of oxalic acid. In mixing these ingredients I first dilute the oxalic acid in warm water, using about one pint of water to each ounce of acid. This may be done in any suitable vessel, and requires no special apparatus, and after the acid thus diluted has been allowed to stand till it has become cold the turpentine or benzine in the proportions hereinbefore specified is added. The compound is then ready for use.

To apply the compound, first wet the portion of the garment or fabric on which is the iron-rust spot or stain with the liquid or compound, after which hang the fabric in the sun, or dip it in boiling water and allow to dry, when it will be found that the rust spot or stain has been removed.

The turpentine or benzine, which are equivalents one of the other in the use to which they are here applied, prevents the acid from corroding or eating the fabric; hence the term "volatile anti-corrosive product" which I apply to them. Furthermore, by the use of this compound not only is the fabric not injured, but even fast colors will not be destroyed by it, and it will be found to leave no mark or stain, and to do its work both quickly and perfectly.

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

1. The herein-described compound to be used for removing iron-rust spots or stains from fabrics, consisting of oxalic acid, water, and a volatile anti-corrosive product, in or about the proportions specified.

2. A compound for removing iron-rust spots or stains from fabrics, having for its ingredients oxalic acid, water, and spirits of turpentine or its equivalent, in or about the proportions described.

WILLIAM H. PAYNE.

Witnesses:
EGBERT MORE,
WILLIAM H. TRIPP.