UNITED STATES PATENT OFFICE.

ALBERT FORD, OF ATLANTA, GEORGIA.

COMPOUND FOR CLEANING PAINTED AND VARNISHED SURFACES.

SPECIFICATION forming part of Letters Patent No. 267,176, dated November 7, 1882.

Application filed August 10, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, ALBERT FORD, of Atlanta, county of Fulton, and State of Georgia, have invented a new and useful Compound for Cleaning Painted and Varnished Surfaces; and I do hereby declare that the following is a full and exact description of the same.

This invention or discovery relates, first, to the cleaning of hard-finished painted and varnished surfaces, and, second, to the restoration of their original colors and their preservation.

The wash or compound for cleaning purposes is made of the following ingredients: pulverized pumice-stone, one part; finely-pulverized wood-ashes, one part; muriatic acid of commercial purity, one part; good vinegar, one part. The pumice-stone and ashes are mixed thoroughly together by themselves, and also the muriatic acid and vinegar by themselves, the two mixtures then being thoroughly incorporated together by shaking or stirring.

If the presence of vermin is suspected in the article to be cleaned, the following should be added to the wash and thoroughly incorporated therewith: sulphuric acid, one part; verdigris, one-half part; water, nine parts.

This wash may be rubbed upon the surface to be cleaned with a stiff brush or rag, and then be washed off with a sponge saturated with water, this operation being repeated, if necessary, until the surface is thoroughly cleaned.

If the article to be cleaned is very greasy and gummy, the cleansing process can be greatly facilitated by first dipping the brush in the wash compound, and then into dry pulverized pumice-stone.

The finishing compound for restoring and preserving the original color is made of the following ingredients: Muriatic acid, one part; kerosene-oil, nine parts; lard-oil, nine parts; linseed-oil, nine parts; these ingredients may be rubbed together in a stone jar. Gum-copal, one part; turpentine, nine parts; these ingredients may be incorporated together by placing the same in a closed vessel and heating them in a water bath. Then add one part of the mixture of gum-copal and turpentine to two parts of the prepared oil. This finishing compound may be applied to the cleansed surface, after the same has become dry, with a soft rag, sponge, or piece of waste.

If gum-copal cannot be obtained, nine parts of good varnish may be substituted for it and the turpentine.

If the articles under treatment are not dirty, the finishing compound may be used alone.

The chemical products produced by the union and combination of the foregoing ingredients, in the manner and proportions given, are adapted to accomplish the purposes stated in an economical and effective manner. It is adapted for use on passenger-cars, carriages, furniture, &c., and other articles having painted and varnished surfaces.

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

1. The wash compound consisting of the following ingredients: pulverized pumice-stone, pulverized wood-ashes, muriatic acid, and vinegar, in about the proportions described.

2. The finishing compound consisting of the following ingredients: muriatic acid, kerosene-oil, linseed-oil, gum-copal, and turpentine, mixed in about the proportions described.

This specification signed and witnessed.

ALBERT FORD.

Witnesses:
R. P. BUSH,
E. W. BEALL.