

UNITED STATES PATENT OFFICE.

JACOB I. DANFORTH, OF NEWBURYPORT, MASSACHUSETTS.

IMPROVEMENT IN STOVE-POLISHES.

Specification forming part of Letters Patent No. **139,879**, dated June 17, 1873; application filed April 9, 1873.

To all whom it may concern:

Be it known that I, JACOB I. DANFORTH, of Newburyport, in the county of Essex and State of Massachusetts, have invented a liquid composition to be mixed with blacking for polishing stoves, &c.; and I hereby declare that the following is a full, clear, and exact description of the same:

My present invention consists in a liquid composed of copperas and logwood dissolved in water, to be mixed with the ordinary kind of blacking for polishing stoves, &c., the copperas in the composition causing the lead in the blacking to adhere to the stove and giving it a beautiful permanent luster.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out:

Within a receptacle I place one (1) pound of powdered copperas, and dissolve it in one gallon of cold water. In another receptacle I dissolve two (2) ounces of ground logwood in one (1) quart of water, and then boil it down to one (1) pint, after which it is strained and poured into the receptacle containing the dissolved copperas. The liquid is now drawn off into bottles and used when required by mixing with any ordinary stove-blackening instead of water.

It is applied to the stove when cold, and after remaining thereon ten (10) or fifteen (15)

minutes for the liquid to evaporate therefrom it is rubbed with a dry brush a short time when a bright and permanent luster or polish is produced, which is free from odor whether the stove is hot or cold.

A stove after receiving one or two applications of blacking mixed with the above-described composition will not again require to be polished for a considerable length of time, the copperas causing the lead in the blacking to adhere to the stove, and producing a jet-black surface, as desired. The permanency of the polish or enamel thus produced obviates the necessity of frequently blacking the stove, as heretofore, thereby effecting a considerable saving in labor and expense. Furthermore, the luster of the surface is not dimmed by ashes or dirt which may fall thereon, which is not the case with a surface blacked with ordinary stove-polish.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a dissolvent for stove polishes, the within-described liquid composition, formed of the ingredients herein specified in about the proportions and for the purpose set forth.

Witness my hand this 4th day of April, A. D. 1873.

JACOB I. DANFORTH.

In presence of—

A. J. ATKINSON,
F. F. FEARING.