

UNITED STATES PATENT OFFICE.

WILLIAM H. BERTRAM, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN COMPOUNDS FOR CLEANING AND POLISHING BRASS.

Specification forming part of Letters Patent No. **190,407**, dated May 8, 1877; application filed October 18, 1876.

To all whom it may concern:

Be it known that I, WILLIAM H. BERTRAM, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Compound for Cleaning and Polishing Brass and other metal, which compound is fully described in the following specification.

This compound both cleans and polishes the metal, imparting to it a bright glassy polish, which will last for several days.

To prepare the compound, take ten pounds white Tripoli, (called in the market St. Louis Tripoli;) add about three gallons lard or other heavy oil, and about five pounds rotten-stone; thoroughly mix; then dissolve about two ounces of bromide of potassium in a pint of water, and stir it into the above mixture.

After thoroughly stirring and mixing, let the compound stand for about twenty-four hours; then grind through a mill; let stand a few hours more, and bottle for use.

Under certain circumstances it is well to

place in the above mixture about a half-gallon of black oil or machine-oil. This will prevent the lard-oil from freezing in the winter. Sometimes it is inserted when the mixture has been ground too fine, and consequently has become too thick. It is not, however, a necessary part of my compound.

I apply my compound to the metal by means of a piece of cloth or waste, rubbing it briskly, usually with a second cloth, thus giving the metal an exceedingly brilliant polish.

I claim—

The hereinbefore-described compound for cleaning and polishing metals, consisting of white Tripoli, lard-oil, rotten-stone, bromide of potassium, and water, substantially in the proportions above set forth.

WILLIAM H. BERTRAM.

Witnesses:

GEORGE BERTRAM,

HENRY W. WILLIAMS.