

UNITED STATES PATENT OFFICE.

ORLANDO THOWLESS, OF NEWARK, NEW JERSEY.

MANUFACTURE OF BAGS, &c., FOR PROTECTING JEWELRY.

SPECIFICATION forming part of Letters Patent No. 286,346, dated October 9, 1883.

Application filed November 17, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, ORLANDO THOWLESS, of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in the Manufacture of Watch-Case and other Bags, of which the following is a specification.

My improvement has relation to the manufacture of bags to contain watch-cases, table-ware, and similar goods, more particularly silver articles, being so prepared that the tarnishing vapors of the atmosphere will have no effect upon the articles inclosed therein. To attain this object I take a roll of muslin or other suitable material and gradually unroll and pass it through my anti-tarnish solution. I then press the material by any convenient mode, and cut and make it up into bags of the sizes required.

To make my anti-tarnish solution I dissolve yellow prussiate of potash (double cyanide of potash and iron) in hot water until no more will dissolve, and then dilute it with its own

bulk of water containing a small amount of cyanide of potash—about a quarter of an ounce to the gallon. When this solution is cold, and just before using, I add a small quantity of glycerine.

I am aware that paper and calico have been impregnated with oxide of zinc in a solution of caustic soda for wrapping silver-ware to prevent its tarnishing, and this I do not claim; but

What I claim is—

1. The anti-tarnish solution composed of ferro-cyanide of potassium, cyanide of potassium, and glycerine, substantially as and for the purpose specified.

2. As a new article of manufacture, a bag prepared and impregnated with ferro-cyanide of potassium, cyanide of potassium, and glycerine, for the purpose set forth.

ORLANDO THOWLESS.

Witnesses:

JACQUES LOUIS,
MATTHEW CAROLAN.