

# UNITED STATES PATENT OFFICE.

HENRY W. GRAY, OF CAMDEN, NEW JERSEY, ASSIGNOR TO ANTHONY GUNTHER, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVED METHOD OF UTILIZING WASTE WHITING.

Specification forming part of Letters Patent No. 49,518, dated August 22, 1865.

### *To all whom it may concern:*

Be it known that I, HENRY W. GRAY, of Camden, in the county of Camden, in the State of New Jersey, have discovered that the refuse of whiting used in the process of making mineral water can be applied to produce new and useful effects; and I do hereby declare that the following is a full, clear, and exact description of my discovery.

The nature of my discovery consists in drying, grinding, and pulverizing the refuse of whiting that has been used in the process of making mineral water, by which a species of whiting is produced that is equal to and can be sold at one-half the price of whiting for the purposes of manufacturing paper or gilding. It mixes easier—that is, unites more readily

with the water or sizing—and is more easily worked. The same is the case in the manufacture of putty. It can also be applied to the manufacture of tooth-powder, cosmetics, and all other articles or compounds in which whiting is used.

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

The use and application of the refuse of whiting that has been used in the process of making mineral water, substantially as herein set forth.

HENRY W. GRAY.

Witnesses:

W. W. DOUGHERTY,  
FRANCIS D. PASTORIUS.