

UNITED STATES PATENT OFFICE.

WILLIAM A. BONNEY, OF HYDE PARK, ASSIGNOR TO DANIEL SWETT, OF WAKEFIELD, AND SAMUEL D. NILES, OF READING, MASSACHUSETTS.

IMPROVEMENT IN INK-POWDERS.

Specification forming part of Letters Patent No. **170,513**, dated November 30, 1875; application filed August 6, 1875.

To all whom it may concern:

Be it known that I, WILLIAM A. BONNEY, of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented an Ink-Powder, of which the following is a specification:

My invention consists in the admixture of certain ingredients, which are ground together to form a powder, from which is made an ink of superior quality.

The ingredients of which the powder consists are as follows: Extract of logwood, sixteen pounds; bichromate potash, twenty-four ounces; prussiate potash, twelve ounces; gum-arabic, four ounces; copperas, two ounces. These articles are ground together to a fine powder, which may be packed in boxes of any convenient size for sale and transportation.

When ink is to be made, the powder is

mixed with warm water, in the proportion of half an ounce of the powder to a pint of water.

From these ingredients a very fine quality of ink may be produced in a few moments, and in quantities to suit an immediate use, or to be put up for sale in a liquid form.

I claim as my invention—

An ink-powder, composed of extract of logwood, bichromate of potash, prussiate of potash, gum-arabic, and copperas, in or about the proportions herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM A. BONNEY.

Witnesses:

J. H. ADAMS,
S. D. NILES.