

# UNITED STATES PATENT OFFICE.

EDWARD F. WALSH AND SANFORD DURYEA, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN WRITING-INKS.

Specification forming part of Letters Patent No. 115,915, dated June 13, 1871.

We, EDWARD F. WALSH and SANFORD DURYEA, of the city of Brooklyn, Kings county, and State of New York, have invented a Carbon Writing-Ink and a certain process for making said ink, by which process the suspension of carbon in writing-ink is secured, and the result is a writing-ink indestructible and non-erasible upon paper without destroying the paper upon which it is written, of which the following is a specification:

Take one (1) ounce of shellac, three-quarters ( $\frac{3}{4}$ ) of an ounce of borax, sixteen (16) ounces of water, and mix them together. Boil the same until dissolved, and then add sufficient pul-

verized carbon to make a proper color or a color to suit.

By this invention the carbon is suspended, and, when applied, is firmly attached to the paper.

What we claim, and desire to secure by Letters Patent of the United States, is—

The compound denominated writing-ink, of the ingredients, in the proportions, and for the purposes set forth.

EDWARD F. WALSH.

Witnesses: SANF. DURYEA.

JOHN LOWE,  
JACOB MORRIS.