

UNITED STATES PATENT OFFICE.

ELIZABETH W. BRIGGS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN INKS AND PREPARATIONS FOR INDELIBLE MARKING.

Specification forming part of Letters Patent No. **133,197**, dated November 19, 1872.

To all whom it may concern:

Be it known that I, ELIZABETH W. BRIGGS, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Marking-Ink and Preparation; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same.

My improvement relates to a composition for marking fabrics in connection with the apparatus connected therewith, the same being prepared under one cover in a package, to be sold as an article of manufacture. My invention consists in placing in a package for sale a bottle of indelible ink, which, by the aid of heat from the sun or from an iron, is a perfect marking fluid in itself; but in order that the lines may be developed instantly into a deep black, or to enable one to produce a fair writing-surface upon coarse or very fine fabrics, I inclose with this ink a preparation.

Preparations are generally inclosed with inks of a quality that will spread on the fabric without the preparation; but the ink in this package will not so spread without the preparation, but is in itself a perfect ink, which will not spread, and can be developed by heat to a jet black in the usual manner. Thus one always has in this package an ink which will produce as good effects either with or without the preparation, and if desired to develop the writing instantly into deep black, a preparation to effect this purpose, which will not injure the fabric and which will yield a good writing-surface upon otherwise difficult fabrics. I also inclose with the ink and preparation a brush for applying the latter; and sometimes I propose, also, to include a suitable pen for applying the ink to fabrics, as a steel pen,

quill pen, or one of Brigg's nickel marking-pens, patented 1872.

The ink I propose to use is made of the following ingredients in proper proportions: Silver, soda, gum, honey, tinctorial matter, ammonia, and water. The use of the honey enables me to use less gum, and this leaves the ink thinner and permits it to flow from the pen with greater ease and without danger of its running or blotting.

I know that a preparation has been made and placed in a package with ink for developing the same and producing a surface, and without which the ink would be worthless; but this ink is as good without as with the preparation.

The preparation is composed of the following ingredients in proper proportions: Gum, tannin, alcohol, and water. I do not confine myself strictly to these ingredients.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The use of honey in connection with other components in forming an indelible marking-ink, as described.

2. As an article of manufacture, a package containing a marking-ink that is indelible and will not spread, whether used with or without a preparation, together with a developing pounce or preparation, and a brush for applying the latter to fabrics, substantially as set forth and described.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of September, 1872.

ELIZABETH W. BRIGGS.

Witnesses:

WM. B. KETCHAM,
J. H. HAVENS.