

UNITED STATES PATENT OFFICE.

CHARLES L. NOE, OF NEW YORK, N. Y.

IMPROVEMENT IN THE MANUFACTURE OF HATS AND BONNETS OF HORSE-HAIR.

Specification forming part of Letters Patent No. 3,188, dated July 20, 1843.

To all whom it may concern:

Be it known that I, CHARLES L. NOE, of the city and county and State of New York, have invented or discovered a new and important Improvement in the Manufacture of Ladies' and Gentlemen's Hats and Caps; and I do hereby declare that the following is a full and exact description.

The nature of my invention or discovery consists in the application of horse-hair—white horse-hair particularly, and all other colors, if necessary—in the manufacture of ladies' and gentlemen's hats and caps. The advantage that my invention or discovery has over every other description of ladies' and gentlemen's hats or caps is their extreme lightness, durability, and beauty, and the facility with which they can be cleaned and altered renders them a valuable improvement and an object of importance to the public.

To enable others skilled in the art to use my improvement, invention, or discovery, I will proceed to describe its manufacture.

I take the horse-hair and make it into braid

by machinery, and then form it into any shape which is desirable either for ladies' bonnets or gentlemen's hats or caps, sewing the edges of the braid together with the same material—horse-hair.

What I claim as my improvement, invention, or discovery in making ladies' and gentlemen's hats or caps of horse-hair braid, and for which I desire to secure Letters Patent, is—

In sewing the edges of the braid together with horse-hair, which gives the hat or bonnet the appearance of being made in one piece, and also saves about one-third of the braid required for a hat or bonnet made in the ordinary way, and, moreover, makes them lighter, more durable, and also more pleasant to the wearer, and are not so liable to injury in the process of cleaning.

CHARLES L. NOE.

Witnesses:

T. C. DONN,

JOHN I. MUMFORD.