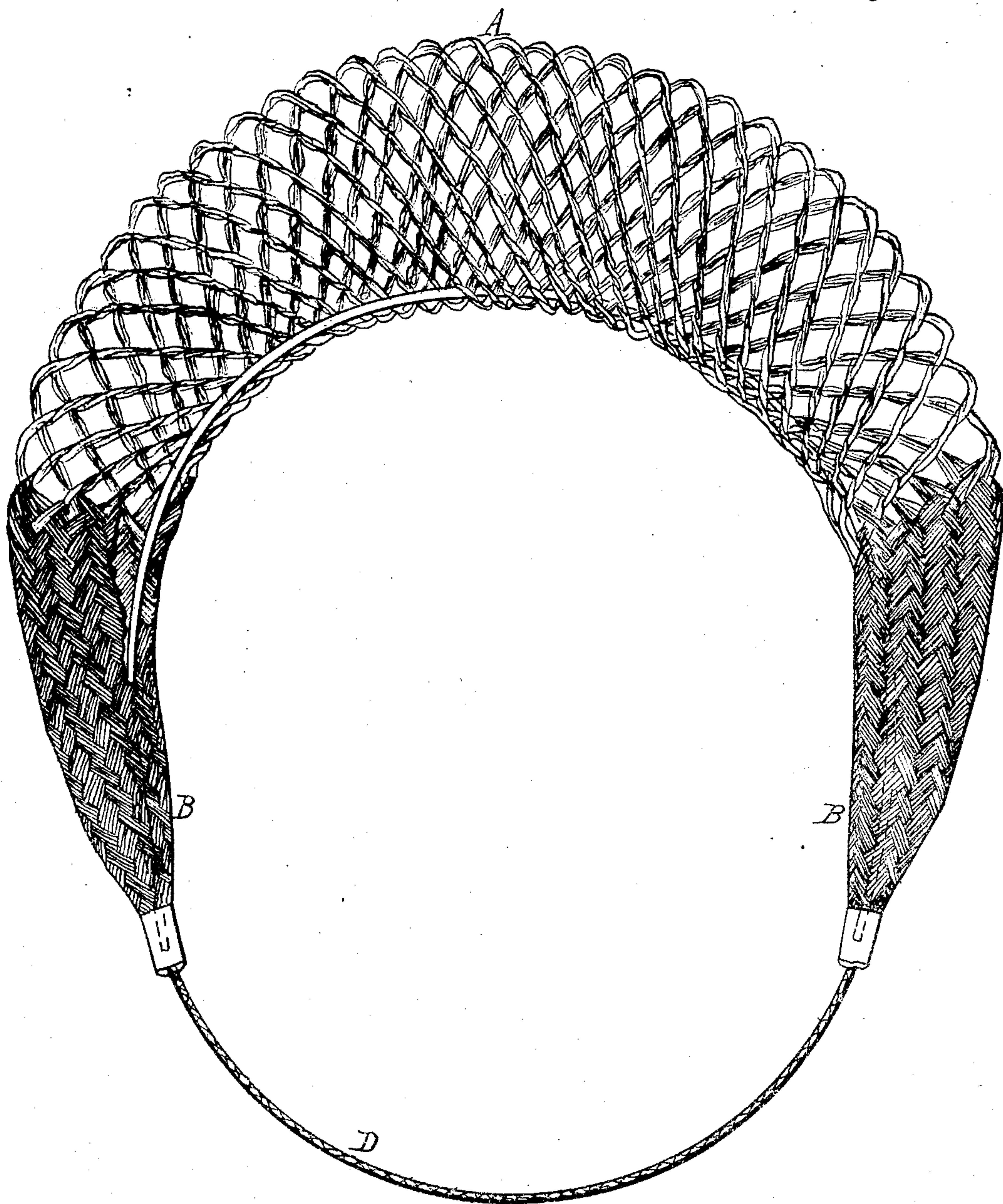


J. Edwards.

Hair Roll.

N^o 38574.

Patented May 19. 1863.



Witnesses.

Timothy Shine
W. S. Partridge

Inventor

John Edwards.

UNITED STATES PATENT OFFICE.

JOHN EDWARDS, OF NEW YORK, N. Y.

IMPROVEMENT IN ROLLS FOR LADIES' HAIR.

Specification forming part of Letters Patent No. 38,574, dated May 19, 1863.

To all whom it may concern:

Be it known that I, J. EDWARDS, of the city, county, and State of New York, have invented a new and Improved Ornamental Hair-Roll; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification.

The drawing represents a plan or top view of my invention, partly in section.

The object of this invention is an improvement in that class of rolls which are worn by ladies at the back of the head to give an increased swell and fullness to the hair.

The invention consists in bringing the ends of the roll down to tapering points, instead of ordinary thick, blunt ends, in such a manner that from the same length of horse-hair a roll of greater length can be produced than with rolls of the ordinary shape, and at the same time the tapering points allow of dressing the hair of the head with greater neatness and convenience than with rolls of the ordinary form. The roll is further improved by the application of a wire on the inside of the horse-hair in such a manner that the roll is readily kept in its proper shape, and that it easily retains its place on the head.

To enable those skilled in the art to make and use my invention, I will proceed to describe it with reference to the drawing.

A represents a roll made of horse-hair by braiding two or more strands together, in the manner shown in the drawing, or in any other desirable manner. The thickness of the roll decreases slightly from the middle toward both ends, and the ends B are brought down to tapering points. In order to produce this shape, the size of the meshes has to be gradually decreased from the middle toward the ends until at a certain distance from the points the meshes disappear entirely, and the strands lie perfectly close together, as clearly shown in the drawing. Each strand consists of a num-

ber of single hairs, each of one continuous length from one point of the roll to the other, and it is impossible to piece the hairs or to introduce two different lengths of hair in the same strand, because if this should be attempted the ends of the hairs would stick out and give to the roll a rugged and unfinished appearance, and furthermore the protruding ends of the hairs would cause a disagreeable feeling when brought in contact with a person's head. For this reason the length of the roll depends entirely upon the length of the hair from which the strands are made and upon the diameter of the roll. If the diameter is uniform, or nearly so, from beginning to end, as it is with rolls of the ordinary shape, hair of a certain length will produce a shorter roll than when the diameter of the rolls decreases toward the points. My rolls, therefore, extend farther round the head than rolls of ordinary shape, when made of the same length of hair, and, furthermore, by bringing the ends down to tapering points, the hair of the head can be dressed, and the roll can be concealed much easier than with rolls of the ordinary shape. The curved shape of the roll is produced by decreasing the size of the meshes toward the inside of the roll, and a wire, C, which is inserted into the roll, and which is curved to the shape of the head, prevents the roll from getting out of shape and assists in holding the same in its place. An elastic cord, D, which connects the ends of the roll, serves to hold the same in place at the back of the head.

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

A hair-roll, tapering toward its ends, and having a wire or its equivalent within, substantially as described.

J. EDWARDS.

Witnesses:

TIMOTHY SHINE,
M. S. PARTRIDGE.