

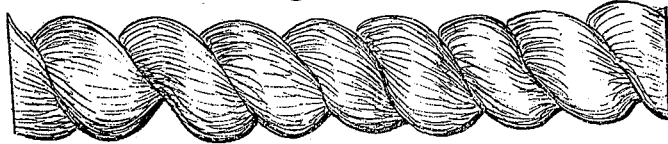
*S. E. Cook.*

*Imitation Hair Braid.*

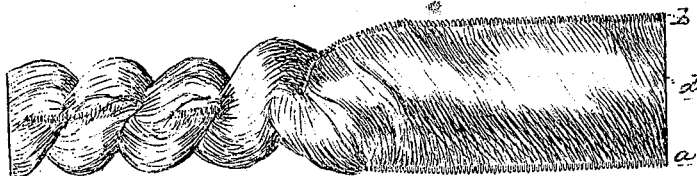
*N<sup>o</sup> 54116*

*Patented Apr. 24. 1866*

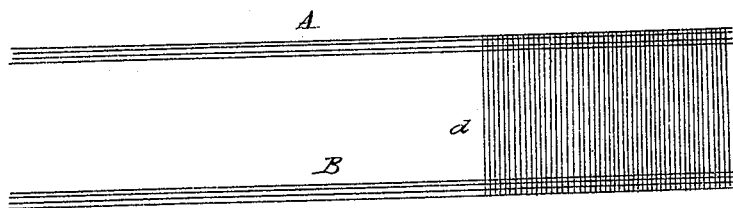
*Fig. 2.*



*Fig. 1.*



*Fig. 3.*



*Witnesses:*

*Wm. Albert Steel -  
John Parker*

*Inventor:*

*S. E. Cook*

*By his attorney*

*J. H. Lawson*

# UNITED STATES PATENT OFFICE.

SARAH E. COOK, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN IMITATION OF BRAIDED HUMAN HAIR.

Specification forming part of Letters Patent No. 54,116, dated April 24, 1866.

*To all whom it may concern:*

Be it known that I, SARAH E. COOK, of Philadelphia, Pennsylvania, have invented an Imitation of and Substitute for Coils and Folds of Human Hair; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a fabric woven and twisted in the manner described hereinafter, so as to imitate folds and coils of human hair.

In order to enable others to make my invention, I will now proceed to describe the manner of carrying it into effect.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 represents the fabric, partly twisted, of which my imitation of and substitute for coils and folds of human hair is made; Fig. 2, the fabric twisted into a spiral form, and Fig. 3 a diagram illustrating my invention.

The fabric is made in an ordinary loom, such as is used for making coach-lace, &c., there being two sets of warp-threads, A and B, Fig. 3, situated a suitable distance apart from each other.

The weft consists of a number of strands of silk passed across the warp-threads and interwoven with the same at the opposite edges.

The fabric thus produced consists of two opposite woven edges, *a* and *b*, Fig. 1, with intervening transverse and unwoven threads *d*. On twisting the fabric into the spiral form shown in Fig. 2, the woven edges are concealed or nearly concealed in the spiral coils, which become prominent, and represent coils or folds of human hair, the imitation being the more perfect on account of the threads, after being twisted, becoming separated at intervals, precisely as human hair does on being formed into coils or folds.

After the fabric has been thus twisted it may be formed into what are termed "puffs," to be worn on the back of the head by ladies; or other ornamental devices may be made of the twisted fabric to imitate folds or coils of human hair.

I claim as my invention and desire to secure by Letters Patent—

A fabric woven at its edges and twisted spirally, in the manner described, so as to produce an imitation of braided human hair.

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

SARAH E. COOK.

Witnesses:

C. B. PRICE,

CHARLES E. FOSTER.