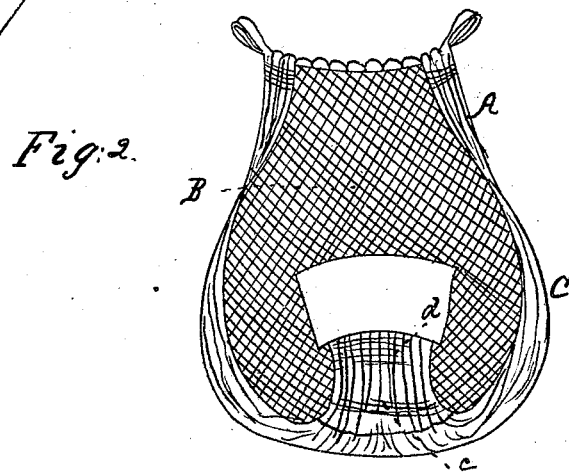
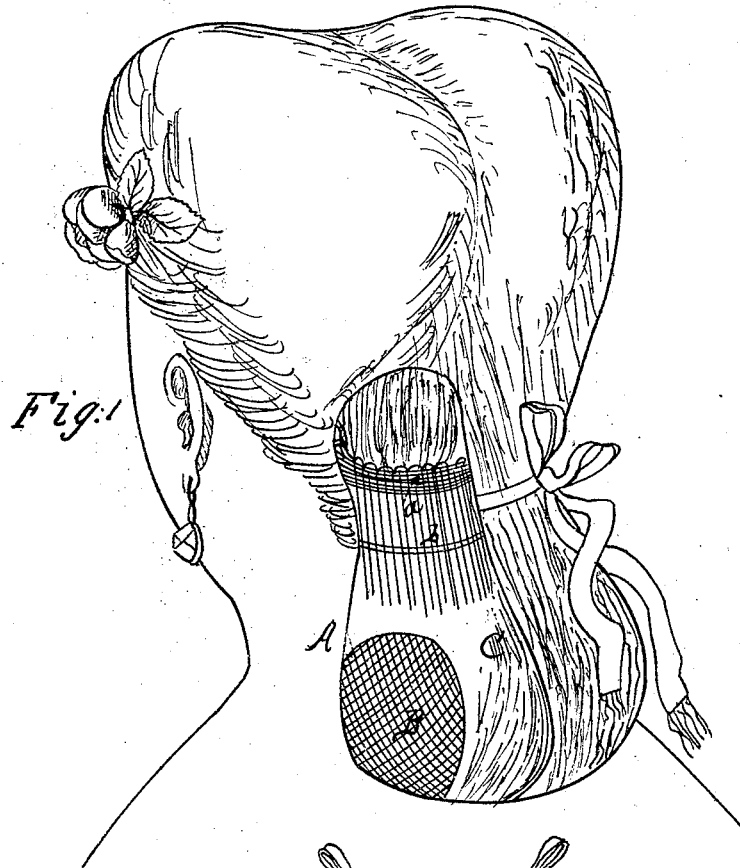


P. Walter
Head-Dress.

Nº 46961.

Patented Mar. 21. 1865



Witnesses
Gustav Dietrich
Chas. L. Topliff

Inventor
P. Walter

UNITED STATES PATENT OFFICE.

PHILIP WALTER, OF NEW YORK, N. Y.

IMPROVEMENT IN WATER-FALL HEAD-DRESSES FOR LADIES.

Specification forming part of Letters Patent No. **46,961**, dated March 21, 1865.

To all whom it may concern :

Be it known that I, PHILIP WALTER, of the city, county, and State of New York, have invented a new and useful Improvement in Water-Falls; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my invention, partly in section, showing its application to the head of a young lady. Fig. 2 is a rear elevation of the same.

Similar letters of reference indicate like parts.

“Water-falls” or small pillows, at present worn by ladies at the back of the head under the hair, are generally made of human hair, and the person wearing the same selects one the color of which corresponds to the color of her own hair as near as possible.

The shortness and the high price of human hair are two serious objections to the use of this article in the manufacture of water-falls. On account of its shortness the human hair cannot be properly fastened on the pillow or stuffing over which it is drawn, and it is liable, therefore, to become entangled and out of order, causing much trouble to the wearer, and the high price of the human hair compels the manufacturer to charge much more for such an article than it appears to be worth. These difficulties are avoided by the use of horse-hair instead of human hair in the manufacture of water-falls. Horse-hair or other hair of sufficient length can be doubled up at the upper edge of the water-falls and drawn in double strands over the pillow or stuffing, and when it is secured by a binding extending across the water falls near the upper ends of the strands, then again a little farther down, and again on the under side of the pillow in two different places, the strands of hair used as a covering of the pillow are securely held in place, and an article is produced which is not liable to get out of order.

The stuffing in ordinary water-falls is composed of hair inclosed on the inner side by a piece of gauze or other suitable textile fabric and on the other directly by the covering hair, so that when the covering hair is slightly dislodged nothing but hair is visible below;

but in these improved water-falls the stuffing is made of a pillow composed of hair or other suitable material inclosed in a case made by some textile fabric, and such water-falls can be worn with perfect safety, because the covering hair of the same is held so firm in its place that it is not liable to become dislodged, and the pillow is effectually concealed.

A represents a water-fall constructed according to this invention. It is composed of the pillow or stuffing B and the covering hair C. The case of the pillow is made of some thin textile material—such as gauze—which is filled with hair or other suitable material, and the covering C consists of a series of strands of horse-hair, which can be doubled up at the upper edge and drawn down over the pillow, as clearly shown in Fig. 1 of the drawings. By doubling the strands I obtain a sufficient quantity of hair to cover the widest part of the pillow without injuring the stuffing on the pillow, and to lay said covering hair so as to give to the water-falls the appearance of human hair falling down from the back of the head.

In order to hold the strands of hair in their places I employ binding *a b c d*, extending crosswise in different places, as shown in the drawings, and, furthermore, the inner ends of the covering strands are securely sealed to the under surface of the pillow-case. In ordinary water-falls such a binding cannot be applied, because the stuffing in the case is not fit to retain the binding in its place. Water-falls constructed according to this invention are not liable to become entangled, they retain their proper shape for a long time, and they can be made much cheaper than those made of human hair.

I claim as new and desire to secure by Letters Patent—

1. The use, in the manufacture of water-falls, of strands of horse-hair C doubled up at the upper edge of the pillow or stuffing and secured to the same by binding *a b c d*, substantially as and for the purpose set forth.

2. In combination with the above, the employment in water-falls of stuffing inclosed in a case of gauze or other textile material, substantially as and for the purpose described.

PH. WALTER.

Witnesses :

M. M. LIVINGSTON,
C. L. TOPLIFF.