

United States Patent Office.

WILLIAM E. LOCKWOOD, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 92,851, dated July 20, 1869

IMPROVED FABRIC WHEREOF TO MAKE COLLARS, CUFFS, BOSOMS, AND OTHER ARTICLES OF WEARING-APPAREL.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM E. LOCKWOOD, of Philadelphia, Pennsylvania, have invented an Improved Fabric, whereof to make Collars, Cuffs, Bosoms, and other Articles of Wearing-Apparel; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention is an improvement in the fabric of which the late Walter Hunt made shirt-collars, for which Letters Patent were granted to him on the 1st day of January, 1856; and consists of a method of treating textile fabrics of coarse and cheap muslin, so as to give them the appearance of fine linen.

The said Walter Hunt made improved collar-fabrics, from which he manufactured sham shirt-collars, &c., of a cheap textile fabric, and so backed or stiffened the same, as to dispense with the necessity of the usual seams and stitches.

The objection to these stiffened fabrics is, that their surface retains the appearance of common muslin. It is the object of my invention to improve these fabrics, so as to make them resemble the finest starched linen.

I have carried my improvement into practice in different modes, and will now proceed to describe those I prefer.

I use a very thin coarse muslin, and saturate it with any thin sizing or stiffening. After it has been sufficiently dried, I subject it to the action of embossing-rolls or dies, which compress the threads and fibres of the muslin, and cause the surface to be so embossed as to present a perfect or nearly perfect resemblance to a pure linen fabric.

From the material thus prepared, seamless shirt-collars, cuffs, bosoms, and similar articles of wearing-apparel may be cut, which, by reason of their lightness and delicacy, are suitable for summer-wear.

My second method is to coat the coarse muslin at the back with a mixture of suitable sizing and whiting, kaoline, or other white powder, and then to subject it to the action of the rolls or dies, the backing in this case rendering the fabric stiffer than that first described, while the muslin surface is converted, by the method above described, into one having the appearance of genuine linen.

Sham shirt-collars may be manufactured out of either of the above-described fabrics, so cheaply that they can be sold for less than the cost of washing and dressing ordinary linen collars.

What I claim, and desire to secure by Letters Patent, is—

1. My improved fabrics, to be used in the manufacture of seamless shirt-collars, and similar articles, prepared substantially as and for the purpose above described.

2. Shirt-collars, cuffs, bosoms, and similar articles, made out of either of the above-described improved fabrics, as new articles of manufacture.

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

WILLIAM E. LOCKWOOD.

Witnesses:

A. B. STOUGHTON,
H. HOWSON.