

H. M. Remington.

Bosoms & Shirts.

Nº 54408

Patented May 1, 1866.

Fig. 1

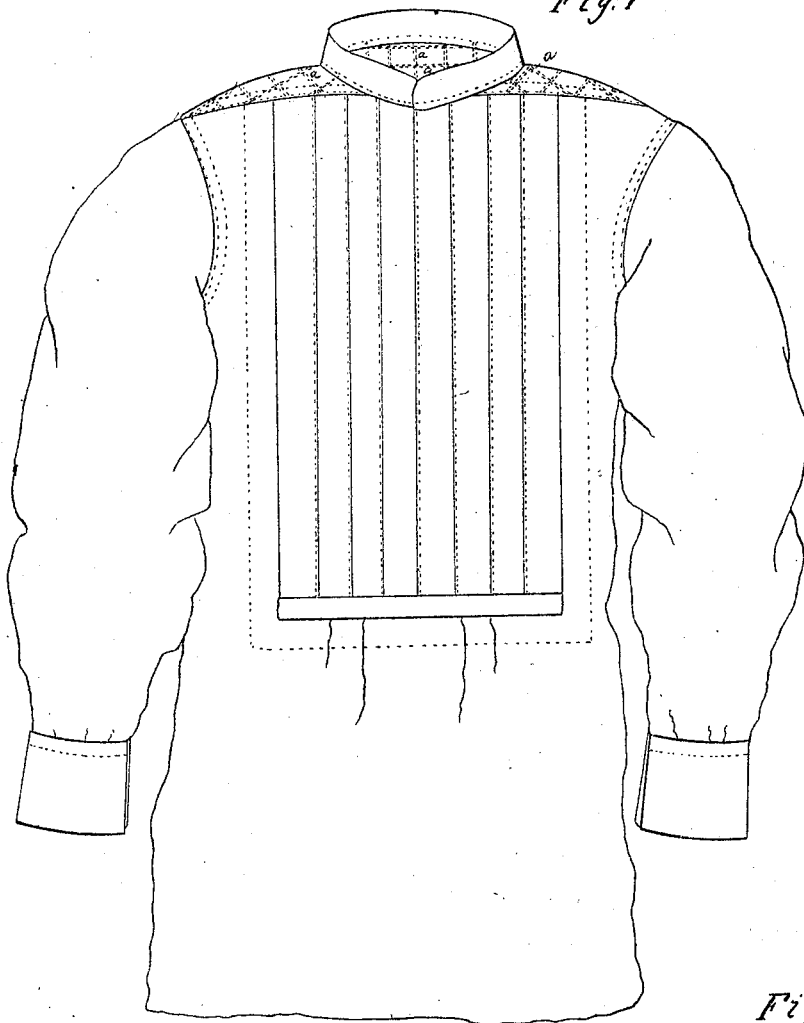


Fig. 3



Fig. 2

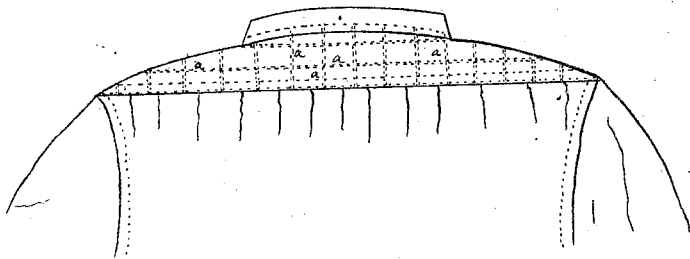


Fig. 4

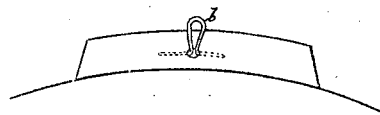
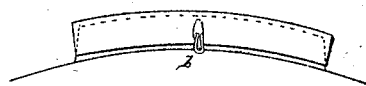


Fig. 5



Witnesses

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UNITED STATES PATENT OFFICE.

HELEN M. REMINGTON, OF SPRINGFIELD, MASSACHUSETTS.

IMPROVEMENT IN PAPER SHIRTS.

Specification forming part of Letters Patent No. 54,408, dated May 1, 1866.

To all whom it may concern:

Be it known that I, HELEN M. REMINGTON, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented a new and Improved Paper Shirt; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the drawings, Figure 1 is a front view of the shirt entire. Figs. 2, 3, and 4 show details of construction.

The first requisite to the success of this invention is a paper prepared so as to be proof against perspiration and without rustle when moved. This I have obtained in the material of which this invention is formed, which is prepared substantially as I will now describe.

I form this material of two thicknesses of paper, between which I place the material used to prevent the penetration of perspiration and render the paper free from rustle. This paper is of the kind known as "tissue," of the strongest variety, made from hemp-stock having very long fibers, of the quality known to the trade as "Kentucky bagging." Two thin sheets are placed together, with the fibers running different ways, and on the inside of the outer sheet I spread a thin solution of fish-glue, so weak that it will not stiffen the paper, and upon the inside of the other sheet I place a preparation formed of lard and white wax dissolved in alcohol. This latter preparation renders the paper soft and pliable, while it is prevented from striking through the outer sheet by the solution of glue before mentioned. The two sheets are then joined and become fastened together by the glue.

In places liable to strain, such as the yoke, I insert between the thicknesses of paper before they are joined threads *a a*, as shown particularly in Figs. 2 and 3, which add greatly to the strength of the material.

I also use in this invention a peculiar form of connection for the collar. This connection consists of a small wire loop, *b*, inserted between the sheets of paper before they are joined, and so fastened in place. This projection loop is passed through the button-hole and bent down to the form shown in Fig. 4. This same can be used for cuffs and bosom.

The advantages of this invention are obvious, forming, as it does, a cheap and comparatively durable substitute for linen and cotton shirts.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a paper shirt.
2. Forming the same of the material composed of two thicknesses of paper, prepared by the insertion of the compounds described or their equivalents, substantially in the manner and for the purpose described.
3. In combination with said shirt threads, *a a*, &c., applied substantially as set forth.
4. The hook *b*, constructed and combined with the shirt, substantially in the manner and for the purpose set forth.

HELEN M. REMINGTON.

Witnesses:

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