

(No Model.)

C. H. DENISON.
Cuff.

No. 234,856.

Patented Nov. 30, 1880.

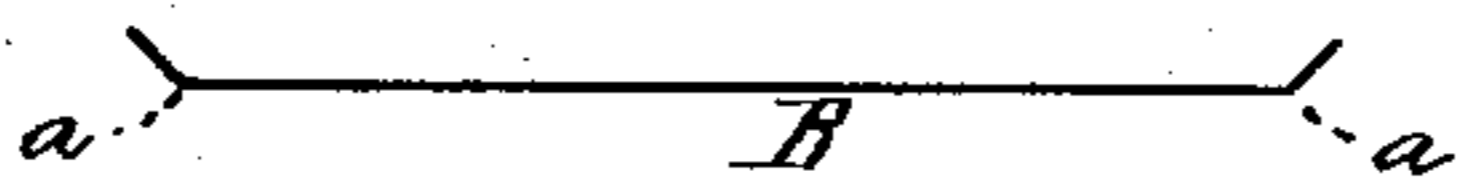


Fig. I

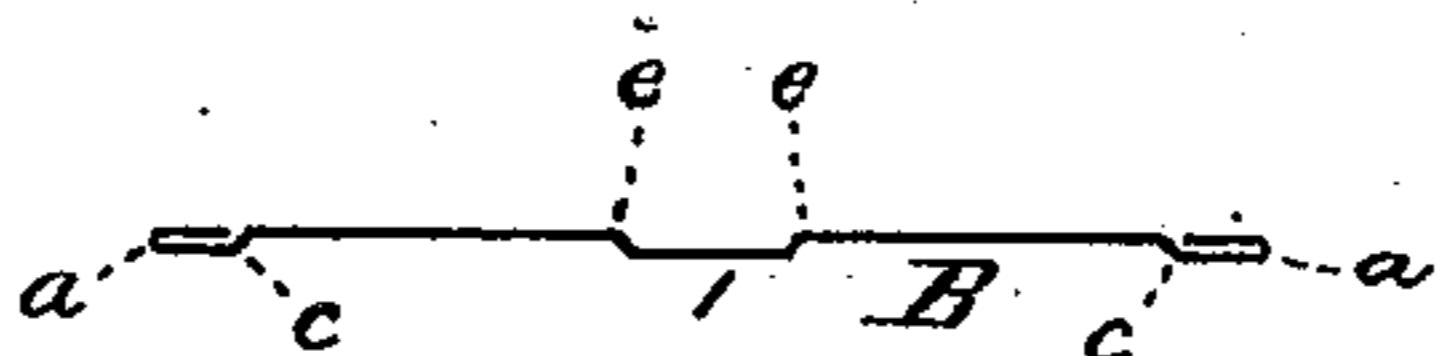


Fig. II

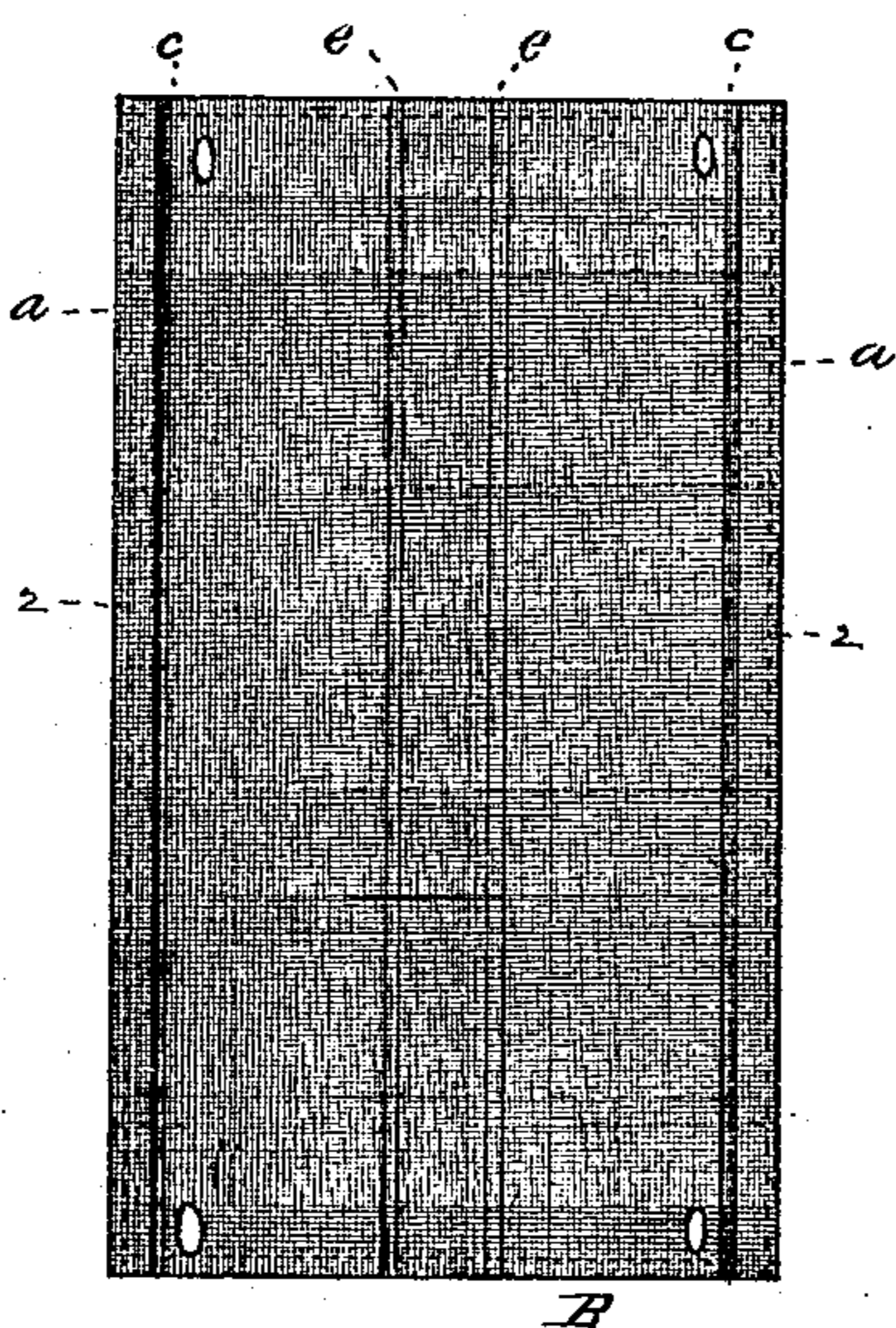


Fig. III

Witnesses-

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UNITED STATES PATENT OFFICE.

CHARLES H. DENISON, OF SPRINGFIELD, MASSACHUSETTS.

CUFF.

SPECIFICATION forming part of Letters Patent No. 234,856, dated November 30, 1880.

Application filed June 30, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. DENISON, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Cuffs, (which has not been patented to me nor to any person in any foreign country with my knowledge or consent,) of which the following is a specification.

The object of my invention is to provide a cuff composed of paper combined with cloth only upon one side, which shall have the appearance of cloth upon both sides—inside and outside—and when ornamented with a continuous embossed line just inside the folded edge and such other surface-ornamentation as is desired shall have the appearance of an entire cloth cuff; and my invention is made as follows:

Figure I is an end view showing the method of folding the edges of the strip. Fig. II is a view showing the cuff, or the strip from which it is made, in its cross-section after it is ornamented and embossed; and Fig. III is a plan view, showing an inside view of the cuff after it is embossed and ornamented in imitation of cloth.

In the drawings, B represents a strip of paper with cloth combined therewith upon one side, and of the ordinary quality commonly used for the manufacture of collars and cuffs; and this strip may be of any desired length and width. The paper side of this strip is covered with a coating of blanc fix, or some suitable substance that is susceptible of receiving a good imprint, and when sufficiently dry a piece of cloth or linen is laid thereon, and both are passed between two rolls, or otherwise pressed together sufficiently to leave a good impression of the cloth or linen on the blanc fix or other surface. I then make a narrow fold at each edge of this strip, as at *a*, turning the edges inward and down upon the paper side of the strip, where it is secured by any suitable adhesive substance, the folded edges being rolled down to make them flat and smooth. I then emboss a line on the cloth side continuously just inside the edge of the folded part on each edge of the strip, as at *c*, upsetting the strip at that line, so that the paper side will be nearly on the same plane with the cloth side of the folded-over edge, and also, if

desired, emboss two other lines, as at *e*, in the middle portion of the strip on the cloth side, as shown clearly in Fig. II, which gives the appearance of a rib in the middle of the strip, which strengthens and stiffens the cuff when completed. At the same time that the lines *c* and *e* are made, or that part of the strip upset, the dotted lines *z* may be embossed in imitation of stitching. The strip is then completed, having a paper surface on one side between the original edges of the strip, and cloth on the other side, and also on the narrow fold at each edge, and the paper side upset on a line just inside the folded edge, so that the paper surface and the cloth surface of the folded-over part are substantially on the same plane. By this upsetting of the paper surface and the corresponding continuous indented line just inside the edge of the turned-over part, by which the upsetting is produced, a good imitation of a cloth cuff hemmed at each edge is the result.

I am aware that it is common to turn over the edges of strips composed of paper and cloth combined from which collars and cuffs are cut; but I am not aware that such strips have ever been embossed with a continuous indented line just inside the folded edges, to give the desired appearance to the hem on the outer side of the cuff when completed.

The strip B is then cut into suitable lengths, each for one cuff, and ornamental imitation of stitching embossed across the ends, and the button-holes cut by suitable punches and dies, and the cuff is ready for the market.

This cuff is manufactured much more cheaply than the ordinary cuffs having cloth on both sides with paper between, while it has all the appearance of an entire cloth cuff, is much stronger and stiffer, and may be made very rapidly. The edges, also, are very strong, and yet the whole cuff is much lighter in weight and more agreeable to wear than the cuffs ordinarily made with cloth on both sides and paper between.

If desirable, the paper side having the imitation of cloth or textile fabric thereon may be further ornamented by color-printing of any desired figure in imitation of the ordinary printed cloths, which will add somewhat to the appearance in imitation of cloth.

Having thus described my invention, what I claim as new is—

1. In the process of making improved cuffs from a strip composed of paper on one side and cloth on the other, and both turned over by a narrow fold at each edge, upsetting the strip at the line *c*, just inside each folded edge, so that the paper and the cloth of the turned-over part are substantially in the same plane, as set forth.

2. An improved cuff composed of paper on one side and cloth on the other side, and both turned over by a narrow fold at each edge,

and upset on a line just inside each folded edge at *c*, so that the surface of the paper and that of the cloth on the turned-over part are substantially on the same plane, and with an imitation of stitched lines embossed on the cloth surface, and an imitation of cloth embossed on the paper surface, substantially as described.

CHARLES H. DENISON.

Witnesses:

V. N. TAYLOR,
A. B. TAYLOR.