

C. E. Richards.
Collar.

No. 52607.

Patented. Feb. 13. 1866.

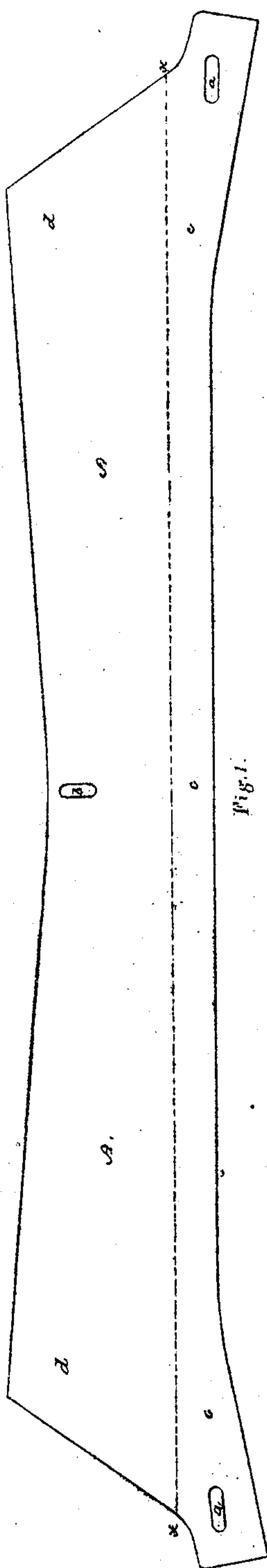


Fig. 1.

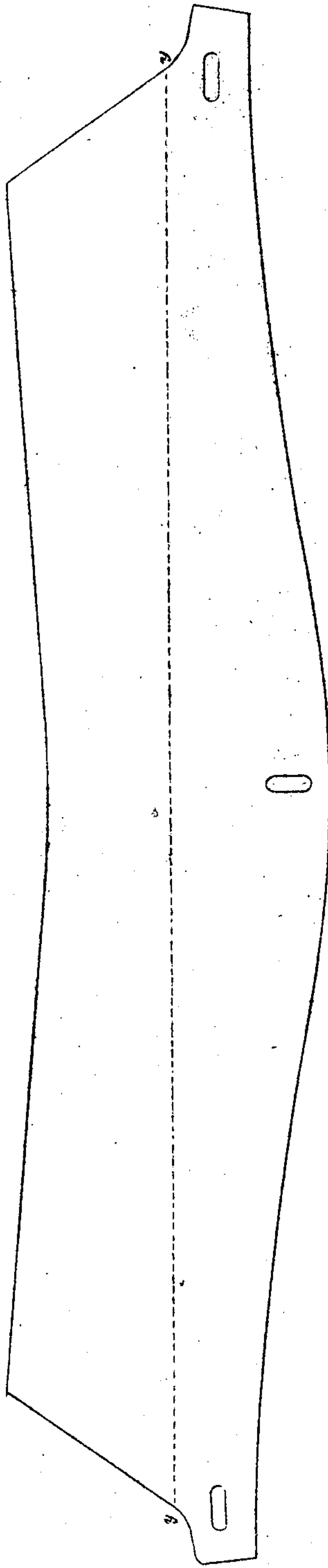


Fig. 2.

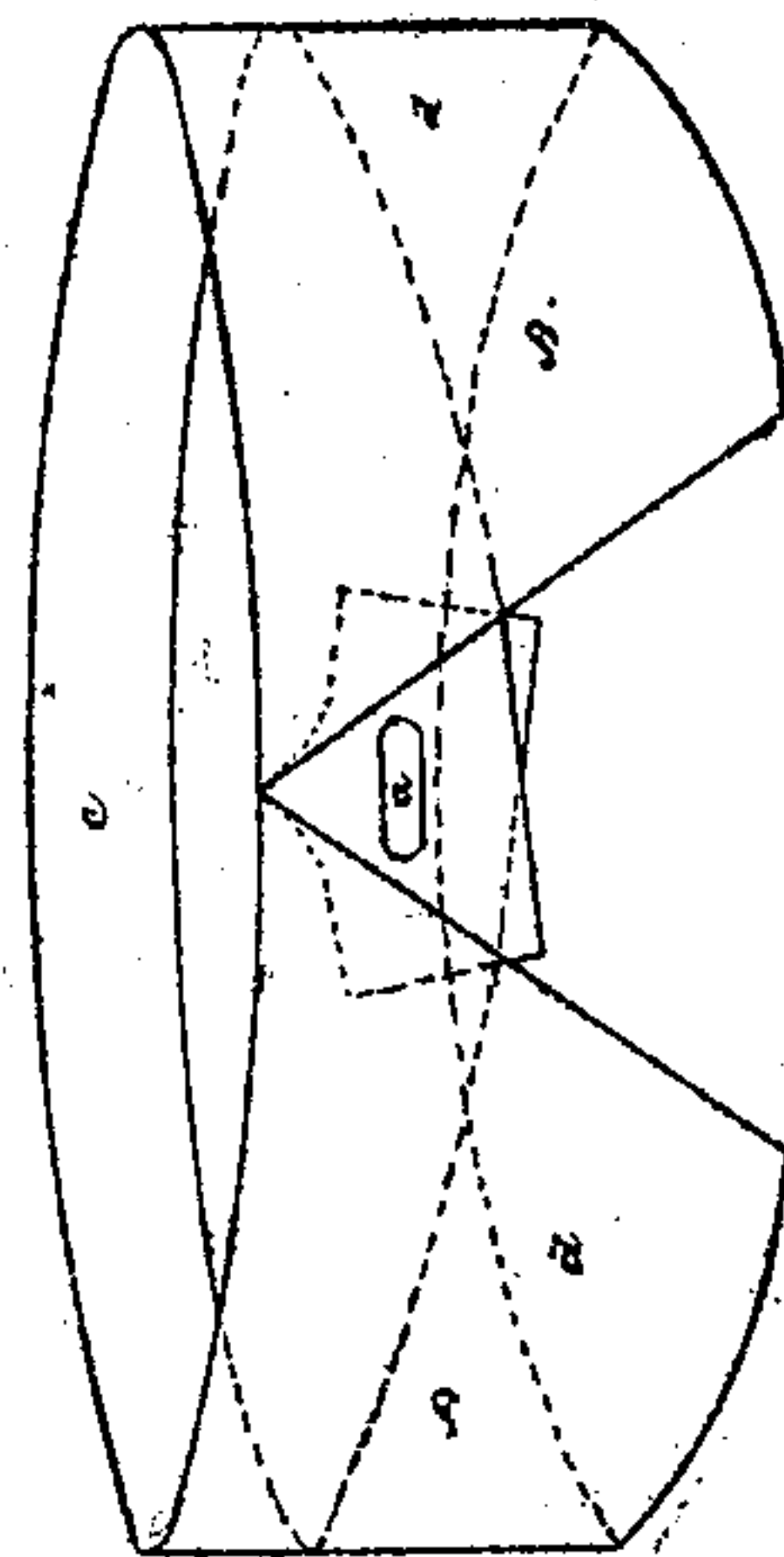


Fig. 3.

Witnesses

James Webb
Thomas Brown

Inventor.

Celins E. Richards

UNITED STATES PATENT OFFICE.

CELIUS E. RICHARDS, OF NORTH ATTLEBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN PAPER COLLARS.

Specification forming part of Letters Patent No. 52,607, dated February 13, 1866.

To all whom it may concern:

Be it known that I, CELIUS E. RICHARDS, of North Attleborough, in the county of Bristol and State of Massachusetts, have made a new and useful improvement in folded or turn-down shirt-collars made of paper or combination of paper and some other suitable material or materials; and I do hereby declare the same to be fully described in the following specification and delineated in the accompanying drawings, making part of this specification.

Figure 1 of the drawings is a representation of one of my improved collars as cut from a sheet of paper and preparatory to its being folded, *xx* denoting the line of fold. Fig. 2 is a representation of an ordinary turn-down collar as stamped from a sheet of paper, *yy* denoting the line of fold. Fig. 3 represents one of my improved collars in a folded state, or as it appears while being worn by a person.

My present invention may be said to be an improvement on a former invention of mine as patented on the 25th day of July, A. D. 1865, and like that has its inner fold of a less width than its outer one; but instead of making a fly or button-hole piece to extend down from the inner fold thereof, I dispense with such fly and form the button-hole in the outer fold or portion, whereby I not only obtain all the advantages of my said patented collar, but also attain other important and valuable ones in addition.

In the construction of a folded or turn-down collar as ordinarily made and as shown in Fig. 2 the inner fold has to be made of a width equal to, or even greater than, that of the outer fold, in order that the back button-hole, when the collar may be around the neck of a person, may be in a convenient position to have the back button of the shirt applied to it.

In my improved collars I usually make the inner fold of about one-third the width of the outer one.

In Figs. 1 and 3 of the said drawings, *A* denotes my improved collar as stamped from a sheet of paper, *a a* representing the front button-hole, the same being made in the two extremities of the collar.

b is the back button-hole. *c* denotes the inner fold, and *d* the outer fold, of the said collar.

By this mode of constructing the collar and disposing the back button-hole in the outer fold I am enabled to save at least ten per cent. of the stock used in comparison to what would be required in making my said patented collar, and from ten to twenty per cent. over the collars as constructed in the ordinary manner, as shown in Fig. 2.

I would remark that the said back button-hole may, if desirable, be made in a short extension, which may be made to project down from the said outer fold.

From the above the superiority of my present invention over others heretofore in use will readily be seen—that is to say, it can not only be made much cheaper than other turn-down collars, as it saves a large amount of the material, but by having the back button-hole made in the outer fold instead of in the inner fold, or a fly or piece projecting from the inner fold, the collar is not only more readily attached to the back button, but when attached is more securely maintained in its proper position.

I claim—

My improved turn-down collar as constructed with its inner fold, *c*, of a less width than its outer fold, *d*, and with the back button-hole formed in the outer fold, as specified.

CELIUS E. RICHARDS.

Witnesses:

ALBERT J. MANCHESTER,
J. MASON GROSS.