

S. H. Pearce.

Case for Umbrella.

N<sup>o</sup> 73378

Patented Jan. 14, 1868.

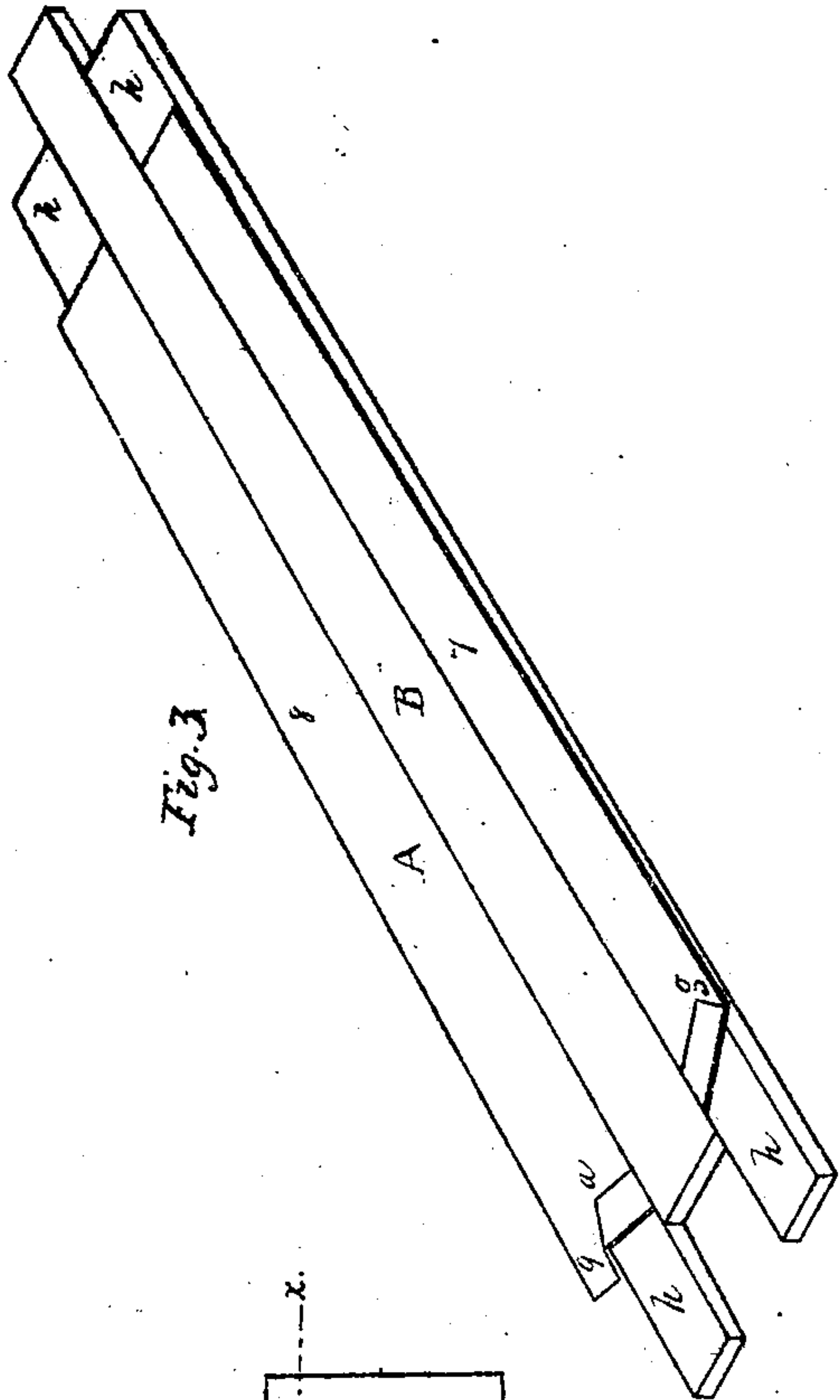


Fig. 3

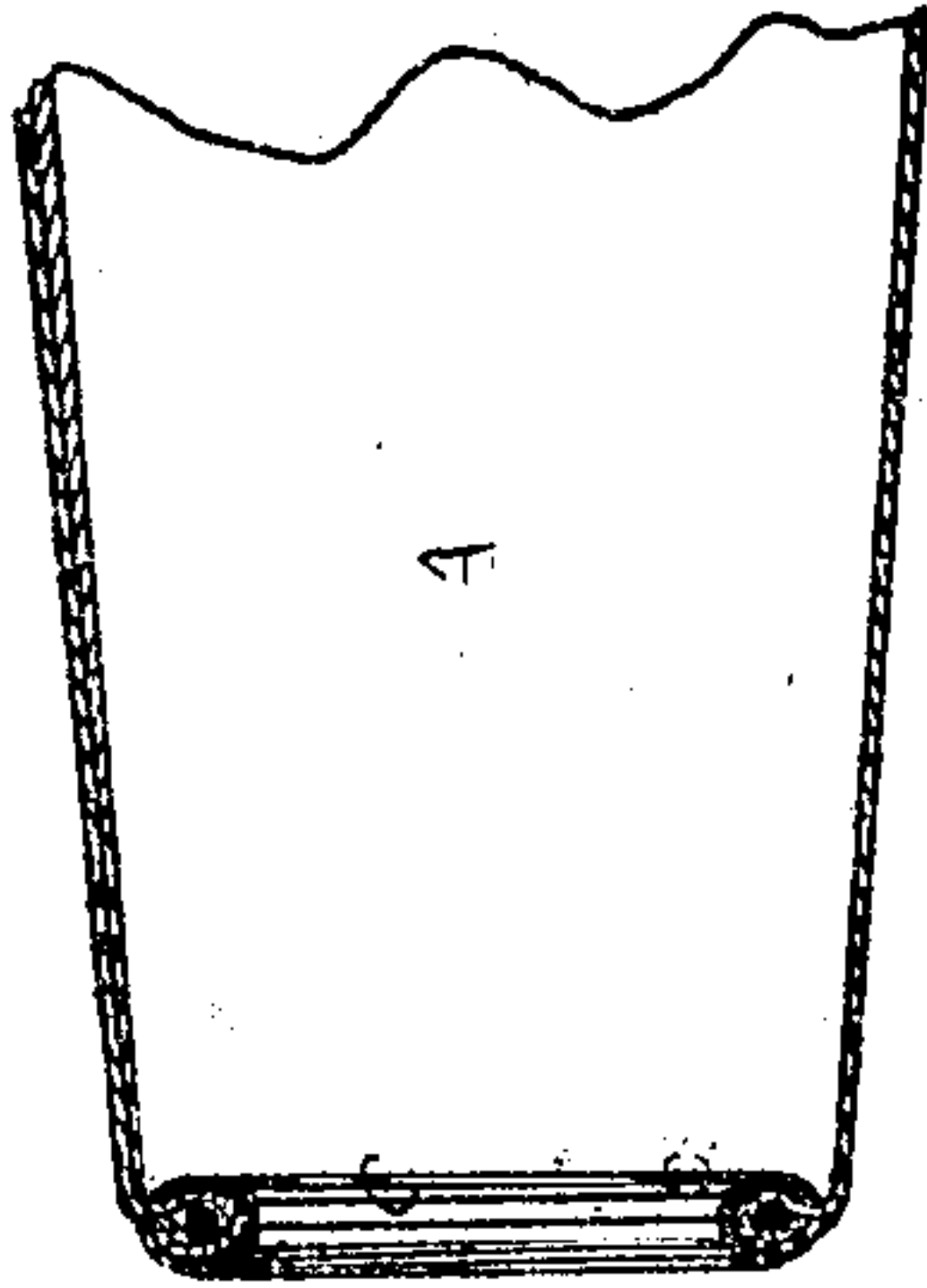


Fig. 6



Fig. 5

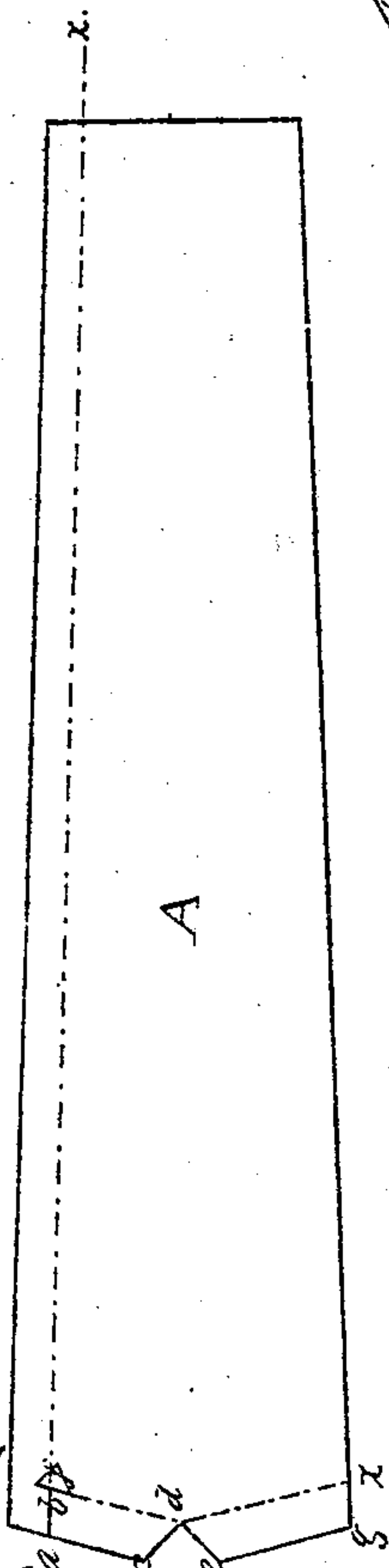


Fig. 1

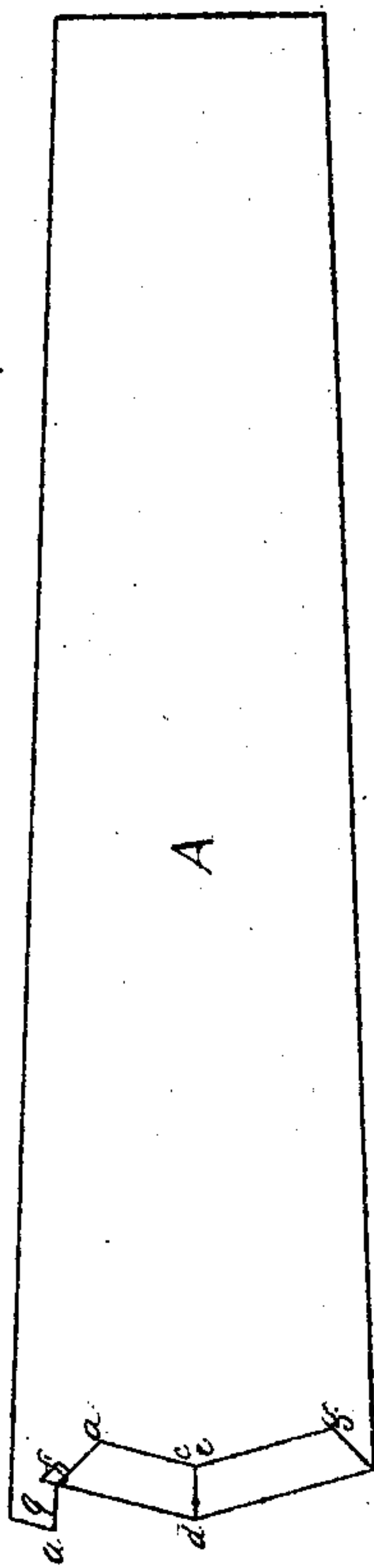


Fig. 2

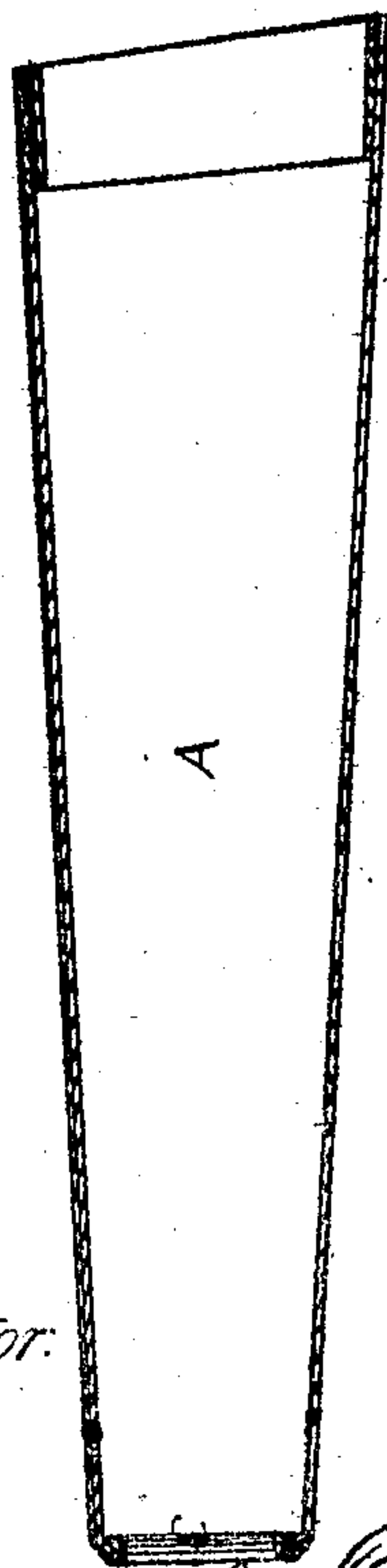


Fig. 4

Witnesses:

N. W. Stearns

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Inventor.

Shadrach H. Pearce

# UNITED STATES PATENT OFFICE.

SHADRACH H. PEARCE, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN CASES FOR UMBRELLAS.

Specification forming part of Letters Patent No. 73,378, dated January 14, 1868.

*To all whom it may concern:*

Be it known that I, SHADRACH H. PEARCE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in the Manufacture of Cases for Umbrellas, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a plan, representing the shape of a strip of cloth previous to being folded to form an umbrella-case. Fig. 2 is a plan of the strip with the upper edge turned down. Fig. 3 is a perspective view, showing the means I employ for folding the strip preparatory to uniting its sides. Fig. 4 is a longitudinal section through the center of the finished case; Figs. 5 and 6, details, to be referred to.

In the method ordinarily employed in the manufacture of cases for umbrellas, &c., the two longitudinal side edges are sewed together, and the upper edge is turned over and sewed, while the lower edge is brought around a thimble and tied thereto, and the case is then turned inside out.

When the case is made of a glazed or japanned material it is always more or less cracked or injured by the operation of turning, and the glazing is somewhat defaced and removed by drawing the needle and thread through it, and the lower edge of the case, when secured to the thimble in the manner above described, does not present a smooth and finished appearance, as the lower or outer flange exposes a sharp edge.

To remedy the above-mentioned objections and to avoid the labor and expense of sewing the case is the object of my invention, which consists in uniting by paste, cement, &c., the parts, instead of sewing them together, and also in spreading and flattening the outer flange of the thimble smoothly down upon the inner flange, so as to securely hold and cover over the lower edge of the strip of material of which the case is composed.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

The japanned, glazed, or other suitable material from which the case is to be made being spread out, a pattern is laid thereon and a strip, A, cut out of the form seen in Fig. 1, a

slit being cut by the knife from *a* to *b*, and an angular piece cut out from the space *c d e*, the slit being prevented from extending by a stay or gusset, *f*, of a thin material, cemented at *b*. Any suitable paste or adhesive substance is now laid on the strip along the edge, about as far back as shown by the red lines *xx*, and the upper edge from *a* to *g* is turned over and stuck down, as shown in Fig. 2. The strip A is now carried to a bench provided with two inclined guides, *h h*, and is placed under a former, B, of corresponding inclination, the parts being in the position shown in Fig. 3. The portion 7 is now drawn down upon the former B, and the portion 8 with its pasted edge pressed over upon it, after which the projecting piece or flap 9 is turned inside, and the binding, as well as the union, of the longitudinal sides is completed. The lower edge of the strip A is next fitted around a metal thimble, C, Fig. 5, and secured within the concave space formed by its flanges by means of a string or cord, when the case is dropped over a post or standard, the top of which is provided with a shoulder for the reception of the inner flange of the thimble. A blow being then applied to the surface of the outer flange it is flattened down, so as to bind the lower edge of the strip still more firmly in place, the spreading of the outer flange by this operation serving to cover over its edge and producing a neat and finished appearance. (See Fig. 6.)

A case for an umbrella or other article requiring one may be made in much less time and can be furnished at a less cost, and is also more serviceable, than one of the same material when made in the ordinary way.

It is obvious that, in lieu of the enamel, I may prepare the cloth by glazing, japanning, or waterproofing the same without departing from the principle of the invention.

What I claim as my invention, and desire to secure by Letters Patent, as a new article of manufacture, is—

An umbrella-case composed of enameled cloth, the parts of which are secured together by cement, substantially as described.

SHADRACH H. PEARCE.

Witnesses:

P. E. TESCHEMACHER,

N. W. STEARNS.