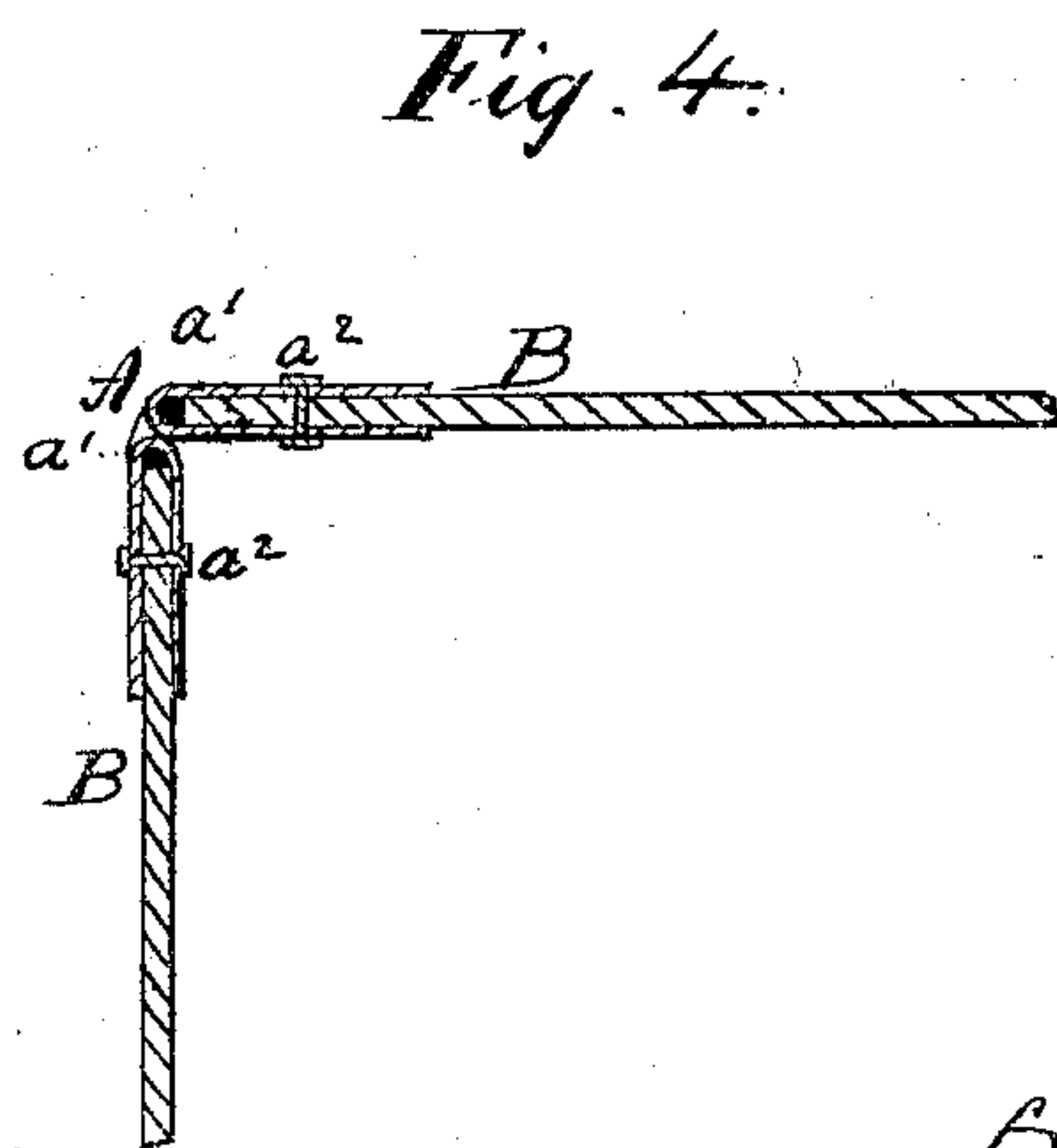
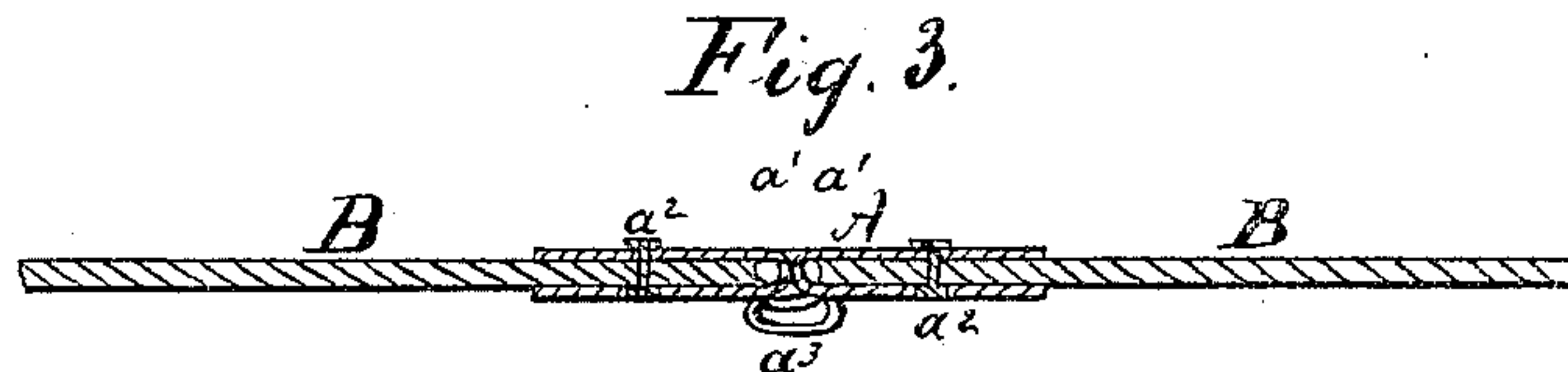
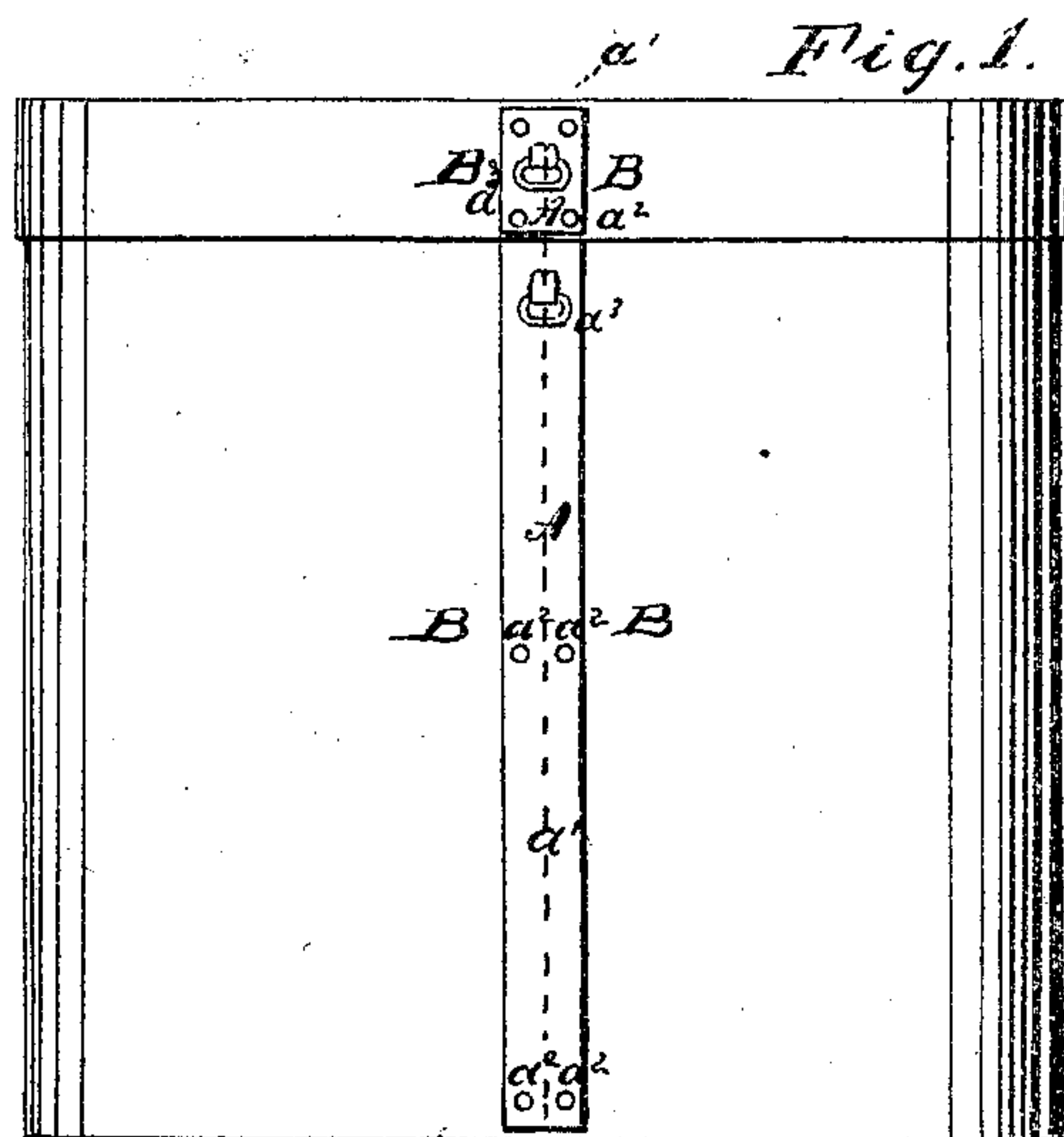


R. N. Stewart. Paper Box.

N^o 61028. Patented Jan. 8. 1867.



Witnesses.

Benjamin Morison
John White

Inventor

Robert N. Stewart

United States Patent Office.

ROBERT N. STEWART, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 61,028, dated January 8, 1867; antedated December 30, 1866.

IMPROVEMENT IN PAPER BOXES.

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, ROBERT N. STEWART, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Paper Boxes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is an end elevation of a round-cornered paper box having my said improvement applied thereto.

Figure 2 a horizontal section of fig. 1.

Figure 3 a like section enlarged; and

Figure 4 a like enlarged section, showing my said improvement as when applied to a square-cornered box.

Like letters of reference indicating the same parts when in the different figures.

The object of my improvement is to increase the stiffness and durability of the joinings of the sides or ends of large paper boxes, especially of such as are used for keeping ladies' bonnets, muffs, &c., and also to economize in the pasteboard material of which they are made, by enabling the manufacturer to employ or "use up" the smaller pieces of the material in their production; and the nature of my invention consists in the employment of a thin sheet-metal, double clamp, constructed and applied as hereinafter described and set forth, for the purpose of uniting together any two edges of the pieces of pasteboard of which such paper boxes are made.

In the drawings, A is the double clamp, and B B' two edges of the pasteboard, as connected together by the same. The clamp A is made of two narrow strips of thin sheet metal, each bent along in the middle of its length so as to bring its two approached halves nearly together, or so as to leave a sufficient space between the said halves for the reception of the edge end of the pasteboard. The backs a^1 of these two bent strips are then soldered together, either in the relation to each other shown in figs. 1, 2, and 3, for straight junctions, or in the relation to each other shown in fig. 4, for angular junctions. In applying these clamps A, the edges of the pasteboard of which the box is to be made are respectively inserted between the two parallel edges on each side of the double clamp A, and the whole then secured together permanently by the small rivets a^2 . It will be seen that in this manner all the edges required to be connected together, in forming the body of either the box or its cover, can be secured quickly together in a very rigid, neat, and substantial manner; that small pieces of the pasteboard can be used if desired, and that the strength and stiffness of the box will be much increased. For the purpose of affording a ready means of fastening the cover to the box, when so required, a small wire loop, a^3 , is soldered fast on the outer sides of both the cover and the box, so that short cords may be applied through them and used for tying the two parts together. The clamps may be readily covered by pasting the usual covering paper over them if desired.

What I claim as my invention, and desire to secure by Letters Patent, is confined to the following, viz:

I claim securing the edges of the pasteboard, (of which the said paper boxes are made,) permanently together by means of the double clamps A, of thin sheet metal, constructed and applied substantially as and for the purposes as described.

I also claim, in combination with the said double clamps A, the small metallic loops a^3 , substantially as and for the purpose described.

ROBERT N. STEWART.

Witnesses:

BENJ. MORRISON,
JOHN WHITE.