

T. B. Bunting,

Bale Tie.

No. 58,018.

Patented Sept. 11, 1866.

Fig. 1.

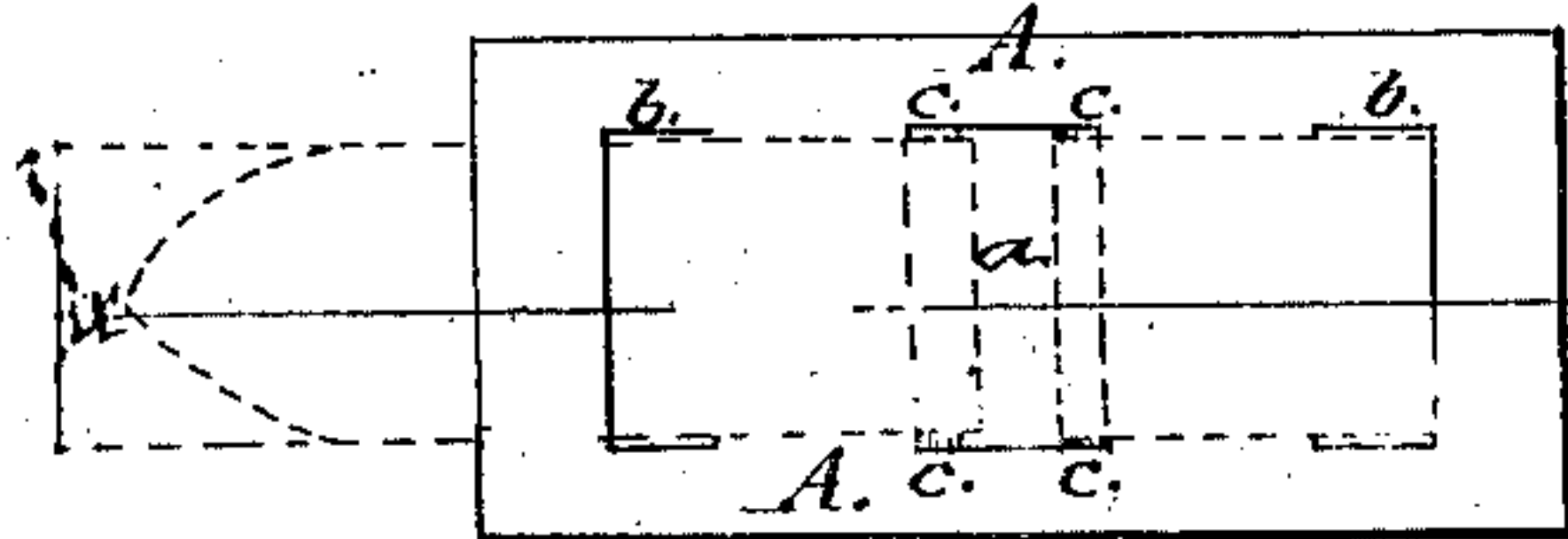


Fig. 2.

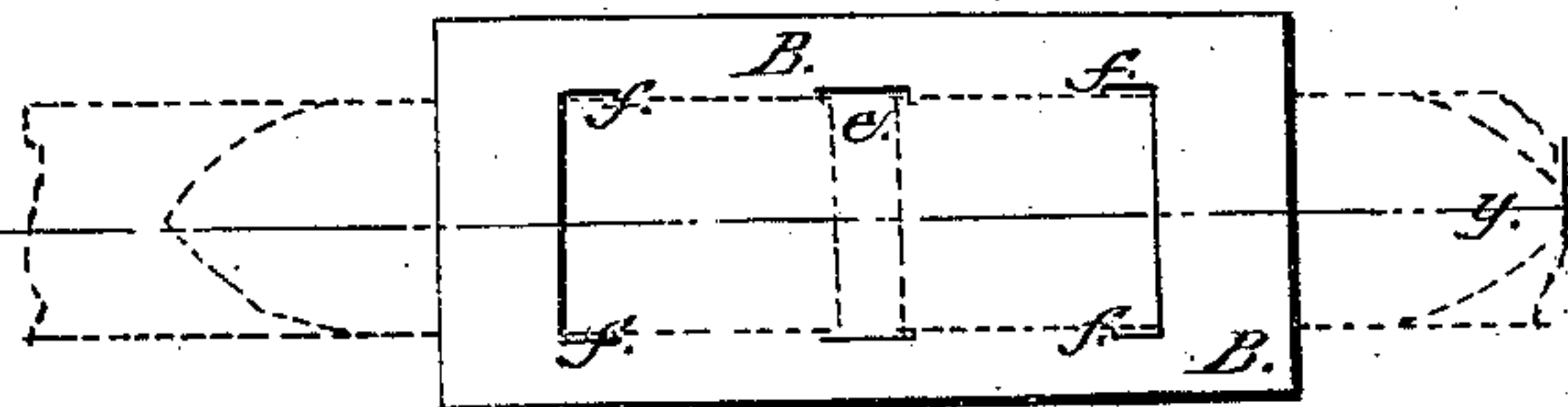


Fig. 3.

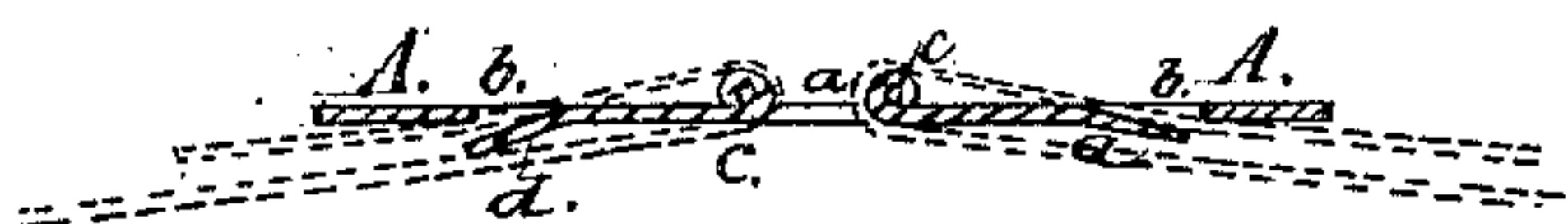
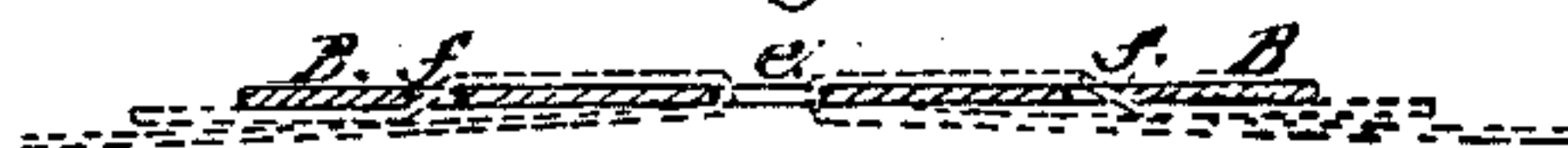


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

T. B. BUNTING, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND R. L. DELISSER, OF SAME PLACE.

IMPROVEMENT IN BALE-FASTENINGS.

Specification forming part of Letters Patent No. 58,018, dated September 11, 1866.

To all whom it may concern:

Be it known that I, T. B. BUNTING, of the city, county, and State of New York, have invented a new and Improved Bale-Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1 and 2 represent top views of my improved bale-fastening. Fig. 3 represents a vertical longitudinal section taken on a plane indicated by the line *x x*, Fig. 1. Fig. 4 represents a vertical longitudinal section taken on a plane indicated by the line *y y*, Fig. 2.

Similar letters of reference indicate like parts.

The object of this invention is to construct a bale-fastening, or rather an article by which the two ends of the hoop, which act as a bale-fastening, may be connected in such a manner that said ends will be prevented from springing apart of their own accord, and still be easily detached from the said article, by which they are held together; and my invention consists in providing a plate of sheet-iron, or any other metallic plate, with slots and rounded edges and clamping-lips in such a manner that it will act as a buckle to hold both ends of the hoop or strap together and keep them in the desired position; or in providing such a metallic plate with slots only, so that the hoop or strap ends will be secured by the pressure from the bale, which tends to pull the said ends apart.

Into the plate A, Figs. 1 and 3, which is made of iron or any other suitable material, an incision is made across the center as long as the hoop or strap is wide, and by then cutting into the plate lengthwise at right angles with the said incision I am enabled to roll the edges formed by the first incision over in the manner shown in Fig. 3, thus forming a hole or slot, *a*, the edges *c* of which are rolled over, and consequently rounded off. By making another incision parallel with the first one,

near each end of the buckle, also as wide as the hoop or strap, and then, after having cut to the required width, continuing the incision on each end at right angles with the beginning toward the center of plate A, and then bending down the lip *d* thus formed in the manner shown in Fig. 3, I get two more slots, *b*, one at each end of plate A.

Each end of the hoop or strap (shown in red lines in the drawings) is now put through the slot *a*, turned over the rolled edge *c*, and passed through slot *b* over the lip *d*, in the manner shown in Fig. 3.

The pressure of the bale on the hoop will tend to keep the ends of said hoop secure, the lips *d* clamping said ends against the outer edges of the slot *b*, thus aiding in keeping the ends of the hoop fast to the buckle; or I may also provide a similar metallic plate or buckle, B, with three slots, *e* and *f f*, only, in the manner shown in Figs. 2 and 4, said slots running across the plate, as shown; and by putting the ends of the hoop through these slots in the same manner heretofore described they will be held as secure as by the other method, provided the slots *f f* are narrow enough, so that their upper inner and their lower outer edges may clamp the ends of said hoop or strap, aided by the pressure from the bale.

In thus constructing these buckles I am enabled to manufacture an article which is cheap, easily made and renders all the service required, without injuring the contents of the bale or of the hoops or straps; and I may also use these devices for articles of harness or clothing, where a buckle or fastening of the kind may be used or required.

I do not claim a slotted frame nor projecting tongues; but

What I do claim is—

The rolled edges *c* of the slotted frame, substantially as described, for the purpose specified.

T. B. BUNTING.

Witnesses:

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