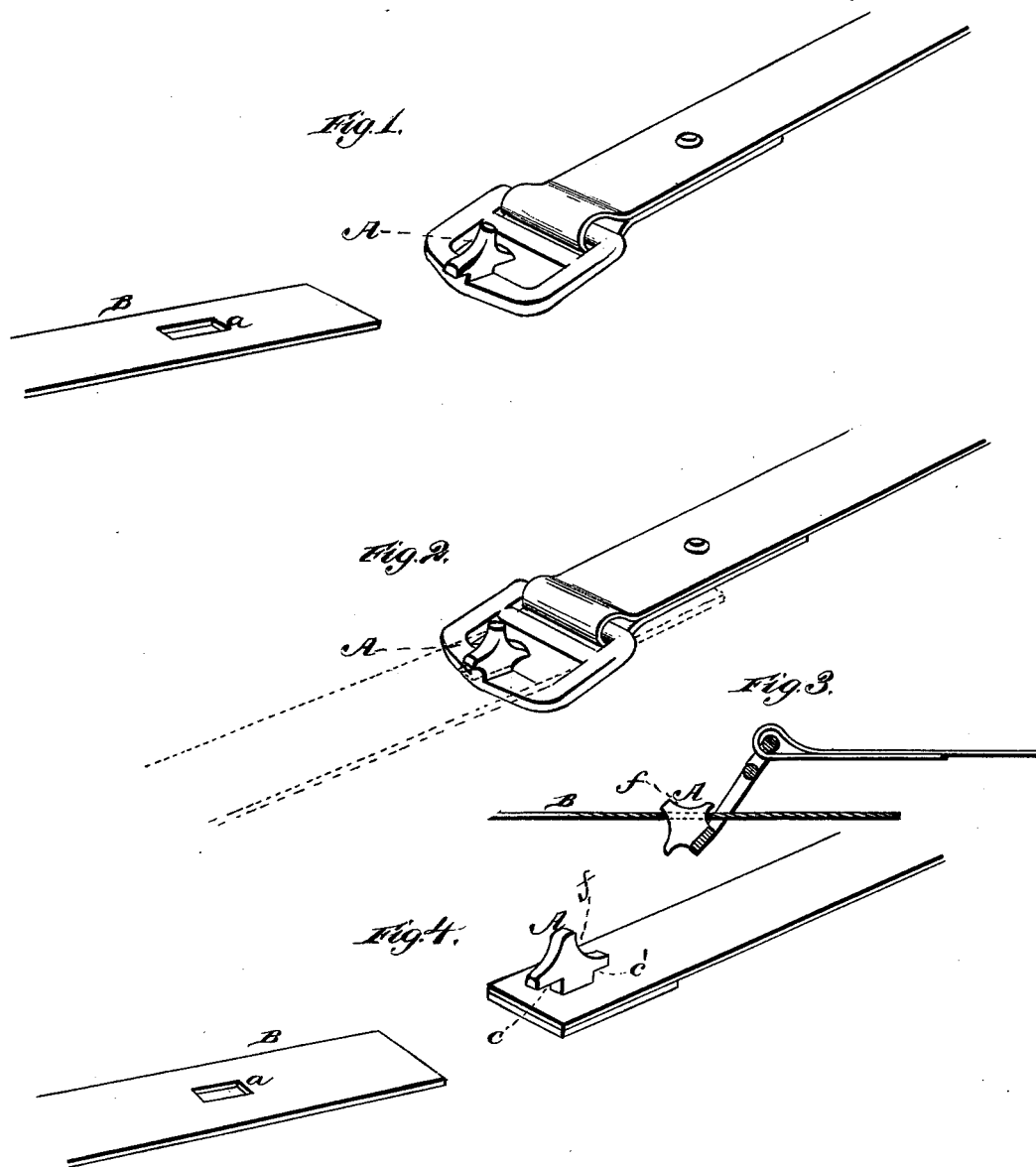


D. D. COHEN.
Bale-Tie.

No. 218,712.

Patented Aug. 19, 1879.



WITNESSES
Robert Smith
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UNITED STATES PATENT OFFICE.

DAVID D. COHEN, OF NEW YORK, N. Y.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **218,712**, dated August 19, 1879; application filed June 21, 1879.

To all whom it may concern:

Be it known that I, DAVID D. COHEN, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Bale-Ties; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figures 1 and 2 of the drawings are representations of perspectives of my bale-tie. Fig. 3 is a longitudinal sectional view of the same, and Fig. 4 is a perspective view.

My invention relates to bale-ties; and it consists in the novel construction of a fastening-lug adapted for use in a buckle or upon a free end of a hoop, as hereinafter described.

The letter A of the drawings represents my fastening lug or button. In Figs. 1, 2, and 3 it is attached to the lower bar of a buckle, and in Fig. 4 it is arranged upon a free end of the hoop. In the former cases it serves as a tongue for the buckle, while in the latter it becomes a button for receiving the slot *a* on the opposite end of the band shown at B, Fig. 4. This lug or button is constructed with shoulders *c* and *c'*, which are raised to a sufficient height above the holding bar or band to receive a rectangular slot, *a*, in the opposite free end of the hoop.

When the device is connected with a buckle the union is made in the manner shown in Fig. 3; but when it is attached directly to the hoop, as shown in Fig. 4, the slot *a* is passed over the top of the button in the usual manner—that is to say, the distance from the end of the

shoulder *c* to the end of the shoulder *c'* is greater than the length of the slot *a*; and to place the slot *a* over the button A the shoulder *c* must first enter the slot *a*, and the free end of the hoop must be moved toward the button A, when the slot *a* will pass over the projection *f* and over the shoulder *c'*, and will be drawn under the latter shoulder.

It will be observed that in constructing my lug or button I have a projection, *f*, between the shoulders *c* and *c'*.

Heretofore, when lugs or buttons of a similar character have been employed in bale-ties, whenever from any cause the slot *a* became released from the recess under the shoulders *c c'*, the bale became unbound. By my construction such accidents are avoided. Should the slot *a* from any accidental cause be raised over the shoulder *c'*, the expansion of the bale will draw upon the tie and cause the forward end of the slot *a* to engage with the forward concave edge of the projection *f*, and the rear edge of the slot *a* will bear against the under face of the shoulder *c*, thereby preventing the hoop from becoming unbound.

I claim as my invention—

The bale-tie fastening or button A, having a rectangular shank and base and shoulders *c c'*, and the projection *f*, having a front concave surface, substantially as and for the purposes specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

DAVID D. COHEN.

Witnesses:

ROBERT M. BARR,
JAMES J. SHEEHY.