

F. COOK.

Bale-Ties.

No. 135,526.

Patented Feb. 4, 1873.

Fig 1.

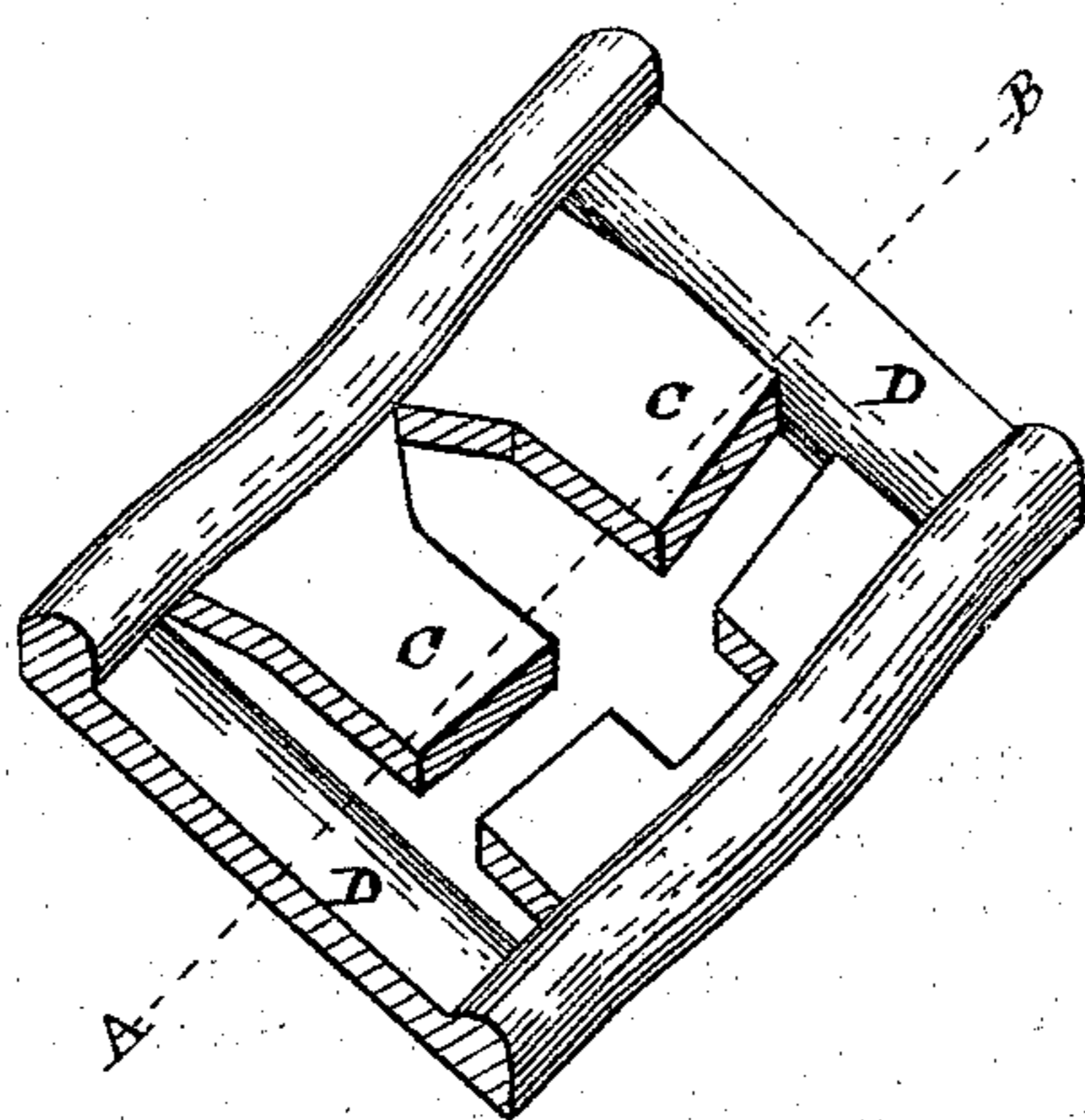


Fig. 2.

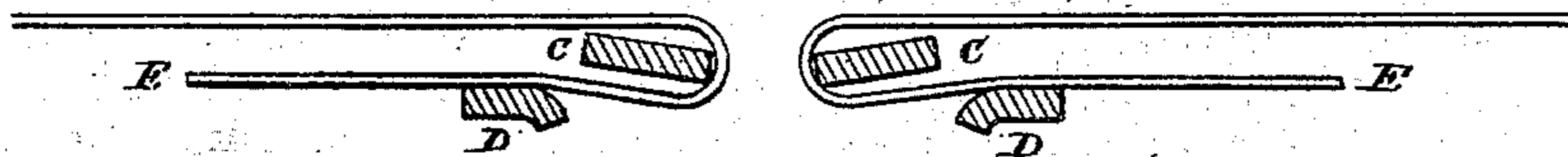
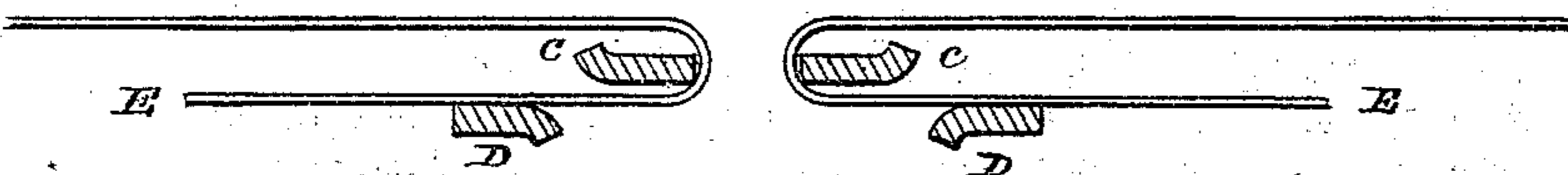


Fig. 3.



Witnesses,
J. D. Harrison
S. S. Carter

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Inventor.

UNITED STATES PATENT OFFICE.

FREDERIC COOK, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **135,526**, dated February 4, 1873.

To all whom it may concern:

Be it known that I, FREDERIC COOK, of the city of New Orleans, parish of Orleans and State of Louisiana, have invented certain Improvements in Bale-Ties, of which the following is a specification:

The nature of my invention relates to the manner in which I make a buckle or tie-plate for metallic bands for bales like that shown on the drawing, and the facilities provided for the insertion of the bent end of the band between the slotted bars C and the solid bars D, so as to bend the buckle only slightly. This is effected by turning over a lip on the inside edges of the bar D so as to remove the square edges of the metal out of the way of the bent end of the band E.

Reference is made to the accompanying drawing making part of this specification, in which Figure 1 is a perspective view of a buckle. Fig. 2 is a section through A B of Fig. 1; and Fig. 3 is also a section through A B, Fig. 1, but shows the edges of the slotted bars C with a lip turned upward, as well as a lip on the bars D turned downward. Figs. 2 and 3 both show the manner in which the looped ends of the bands are inserted into the buckle. The bent end E is inward.

The object of this application is simply to secure the right to making an enlarged opening between the slotted and solid bars by bending the edges of the bars C and D for the

purpose of affording facility for the more easy introduction of the bent end of the band between the slotted bars C and the solid bars D, so as not to be obliged to bend the buckle much in order to get in the looped end of the band with facility.

I am aware that lips have been pressed out before on cotton-tie buckles, and believe the first person to do so was Charles Swett, who obtained a patent October 23, 1866; but Swett used the lips for the purpose of making a short bend in his band, by means of the turned lip, when the expansive force of the bale came on the band; whereas I press out my lips simply for the purpose of getting the metal out of the way, the lips having no office or function to perform to effect the fastening.

What I claim, and desire to secure by Letters Patent, is—

The openings between the bars C and D made by splitting off the bars C from the bars D without loss of metal, and the lips turned on the edges of the said bars for the purpose of enlarging the openings, and thus making more easy the introduction of the bent ends of the bands.

New Orleans, November 12, 1872.

FREDERIC COOK.

Witnesses:

F. B. PARKINSON,
S. S. CARLISLE.