

C. Mudge.
Cotton-Bale Tie.

N^o 73026.

Patented Jan. 7, 1868.
Fig. 1.

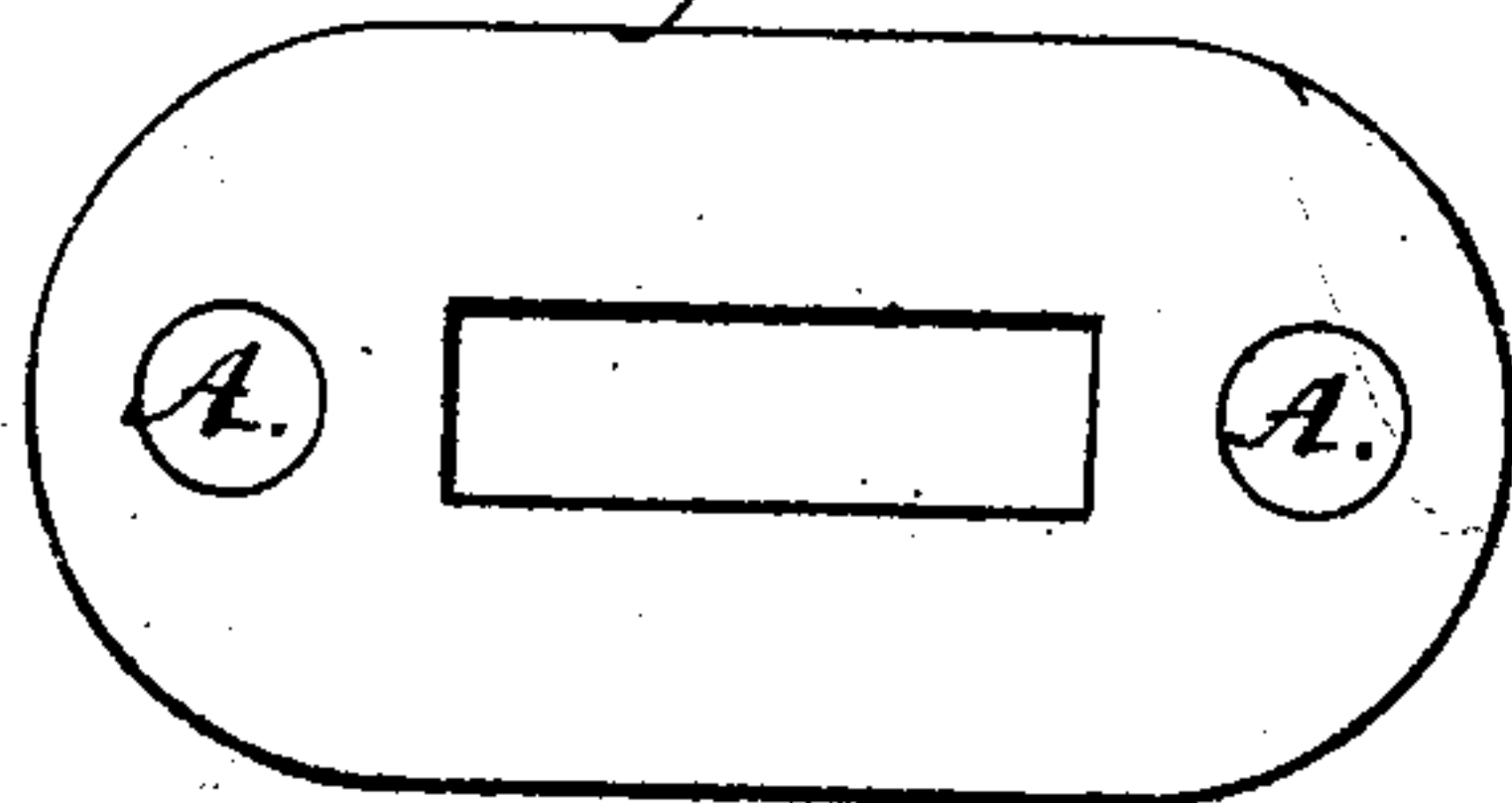


Fig. 2

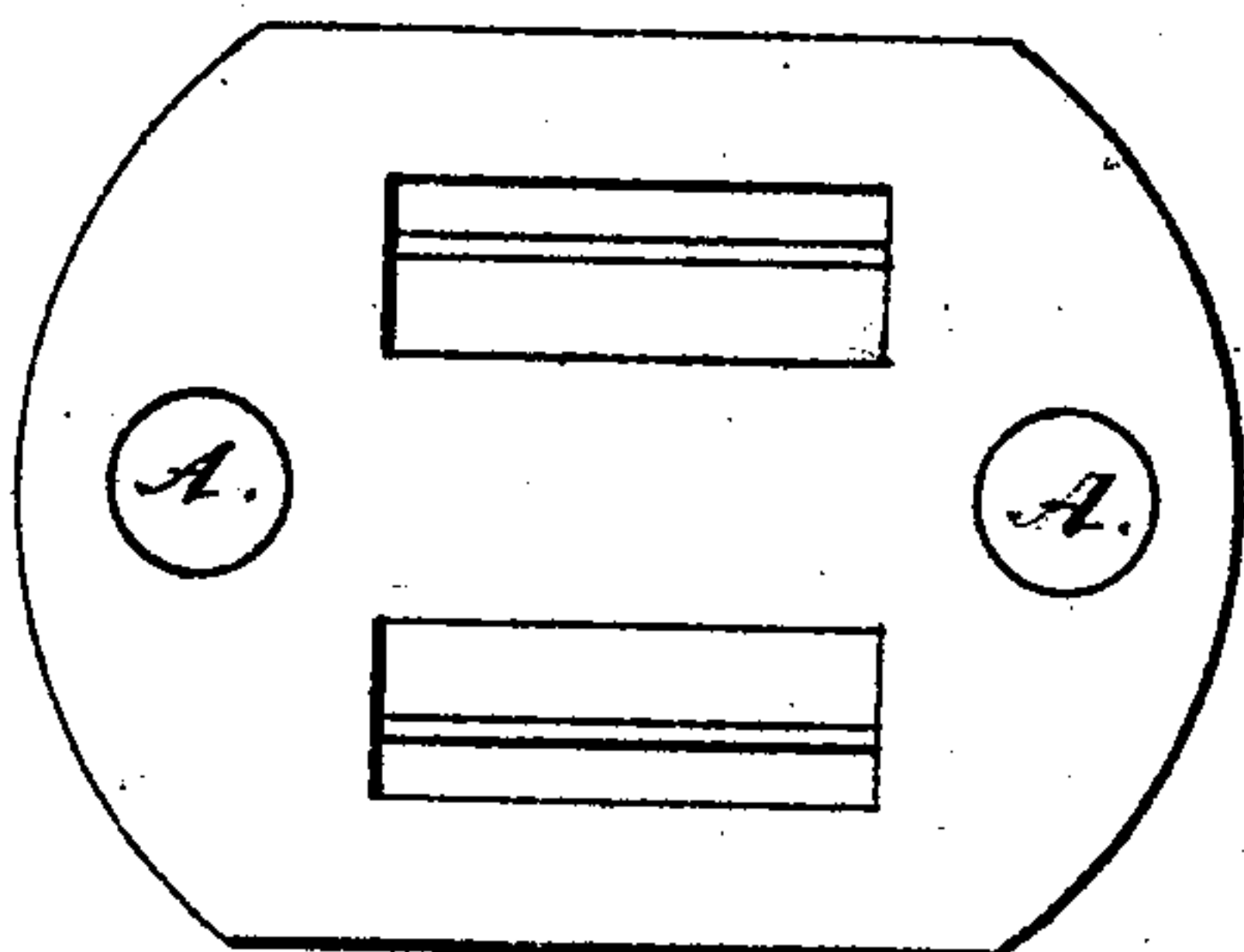
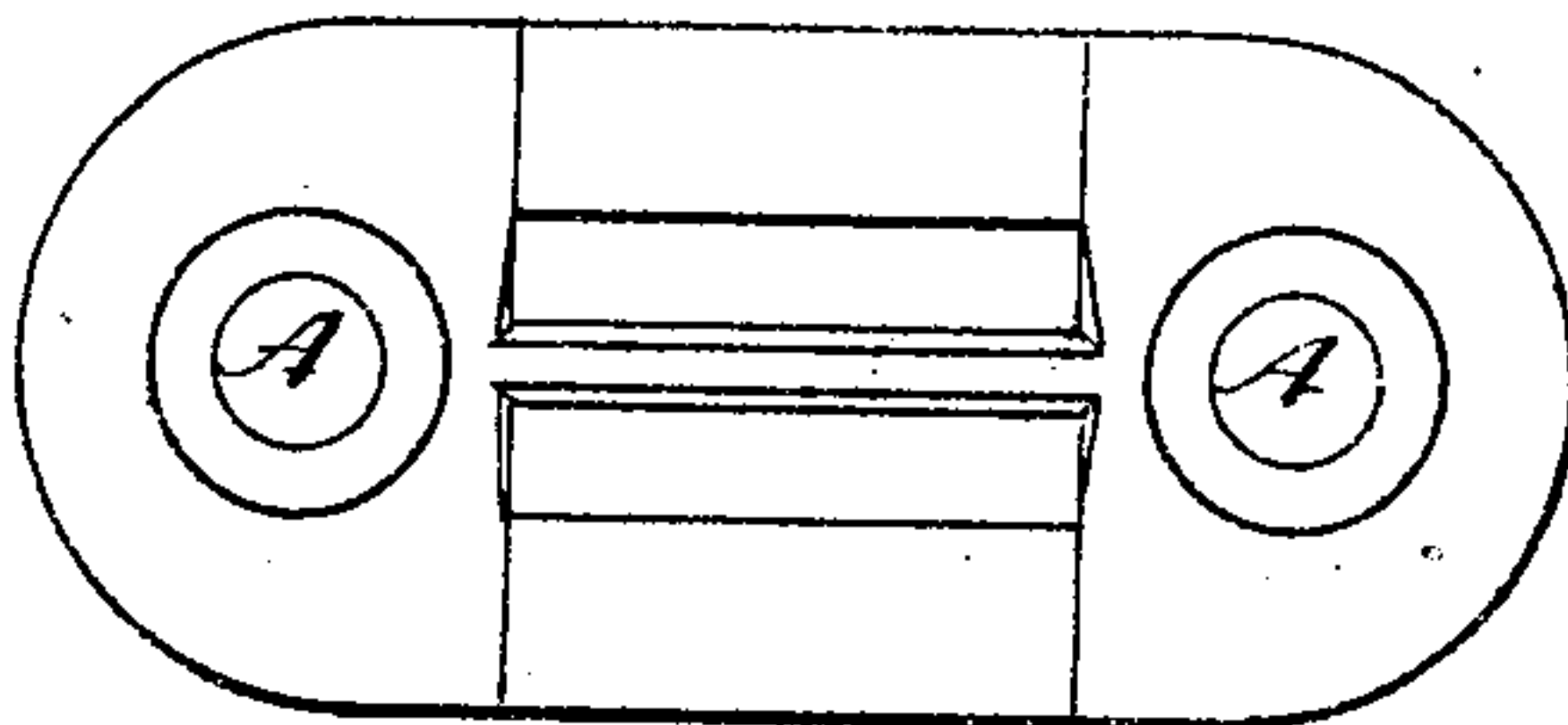


Fig. 3.



Witnesses:

Rufus R Rhodes

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UNITED STATES PATENT OFFICE.

CARSON MUDGE, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN COTTON-BALE TIE.

Specification forming part of Letters Patent No. 73,026, dated January 7, 1868.

To all whom it may concern:

Be it known that I, CARSON MUDGE, of the city of New Orleans, parish of Orleans, and State of Louisiana, have invented a certain new and useful Improvement in Cotton-Ties; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification.

My invention consists simply in the making of two additional openings in any of the cotton-ties now in use, which are employed to fasten the ends of hoop-iron together when the same is used for banding bales of cotton, so that these ties may be used in connection with wire rope or common untwisted wire, when applied to the same purpose, with the same facility as in the case of hoop-iron.

At Figure 1 these openings, the same being marked A, are shown in connection with Butler's patented tie. Fig. 2 represents Swett's tie provided with my improvement; and Fig. 3, the cast-iron tie claimed by both Hotchkiss and Fassman, in which my improvement also appears.

The two additional openings A may be round holes, as shown on the drawings, or they may be square or oblong. Whatever form be adopted, it is always necessary that their edges on both sides of the plate should be rounded off, so that there shall be no sharp edge to cut the wire rope or wire, as the one or the other may be used, when tension is brought upon it.

Although I only show my invention as when applied or added to three cotton-ties, it may obviously be used in connection with Wailey's or Knowles's, and, indeed, with every existing tie that is adapted to ordinary hoop-iron.

The substitution of wire rope and wire, in lieu of flat hoops, for the two outside bands on cotton-bales is rapidly becoming general, because of the greatly superior strength of the former over the latter, while flat hoops, on account of their being cheaper, are preferred, and are likely to continue to be preferred for all the inside bands. In view of this state of things my improvement becomes of great value and importance, because it allows every planter to select the tie he prefers, and to apply it indifferently to the fastening of wire rope, common wire, or flat hoops.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The making of the two additional openings or holes A in cotton-ties, designed for use in connection with hoop-iron, so that the same may be used with equal ease for fastening together the ends of wire rope or wire, as herein described.

CARSON MUDGE.

Witnesses:

RUFUS R. RHODES,
EMILE ROST.