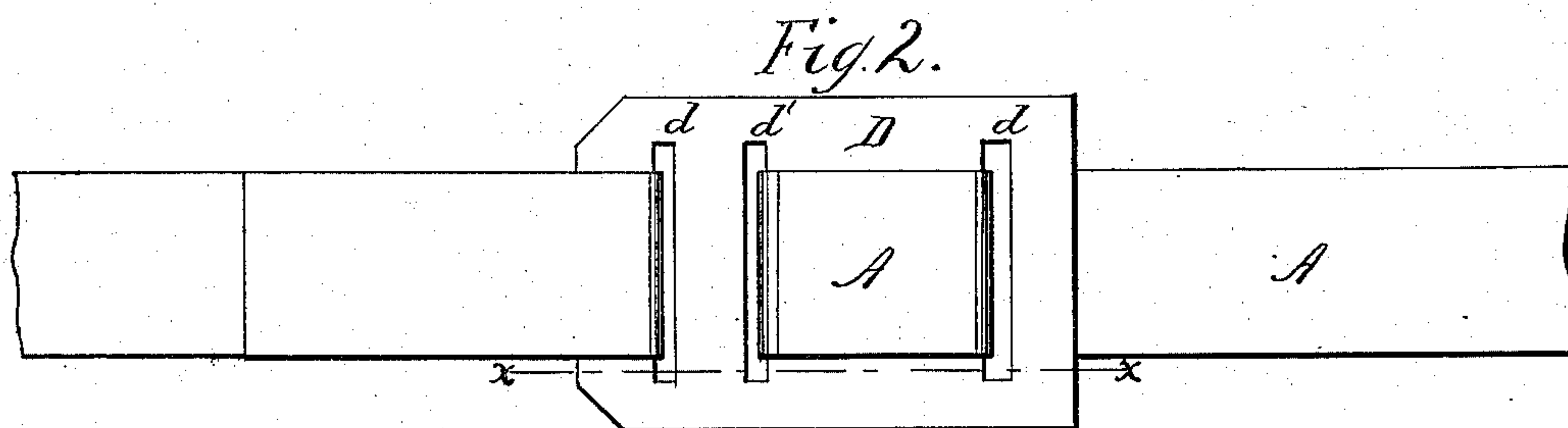
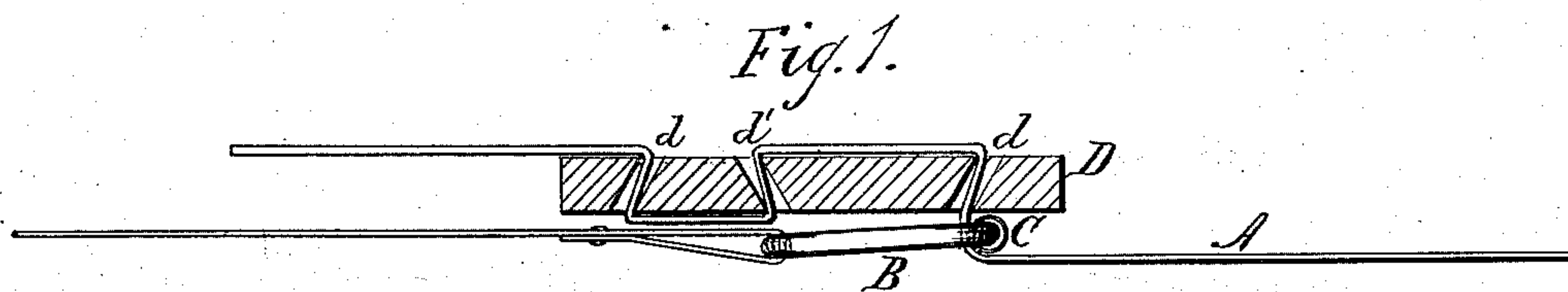


H. K. DuBOSE & E. W. CHARLES, Jr.
Bale-Tie.

No. 164,817.

Patented June 22, 1875.



WITNESSES:

A. B. Robertson.

John A. Kemmon

INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

HENRY K. DU BOSE AND EDGAR W. CHARLES, JR., OF CAMDEN, S. C.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. 164,817, dated June 22, 1875; application filed May 22, 1875.

To all whom it may concern :

Be it known that we, HENRY K. DU BOSE and EDGAR W. CHARLES, Jr., of Camden, in the county of Kershaw and State of South Carolina, have invented a new and Improved Bale-Tie; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a longitudinal sectional elevation; Fig. 2, a plan view.

The invention has particular reference to the rope, wire, or other flexible ties by which hay, cotton, or analogous article is held in a bale or compressed state.

It will first be described in connection with drawing, and then pointed out in the claim.

A represents the rope, leather, or other flexible band, which is placed around the compressed bale. On one end of this band we place a tongueless buckle, B, having preferably a front friction-roll, C, and on the other end we use a slide-plate or fastener, D, hav-

ing two or more cross-slots, $d d'$, inclined toward each other. The band A is passed around the bale, then through the buckle B, and finally drawn as tightly as possible. The band A is then passed through slots $d d'$, and moved down from the free end until it comes into contact with the buckle. The press-screw being now moved up, the bale will be securely tied. This bale-tie is perfectly reliable under all contingencies to which it is liable, and yet may be furnished to the public at a very small cost.

Having thus described our invention, what we claim as new is—

The combination of tongueless buckle B and fastener D, having two cross-slots, obliqued toward each other, with a flexible bale-band, as and for the purpose specified.

HENRY KERSHAW DU BOSE.
EDGAR WELLS CHARLES, JR.

Witnesses:

LOCK SHAW,
H. J. DU BOSE.