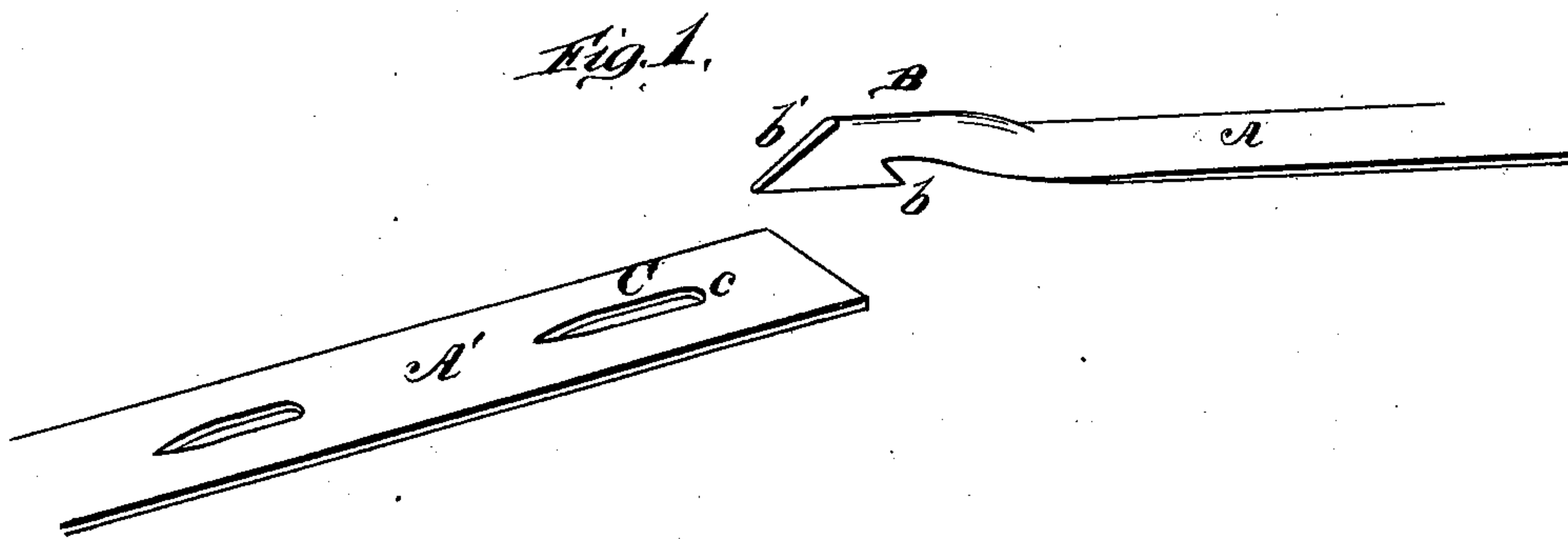


W. G. ANDERSON.
Bale-Tie.

No. 207,703.

Patented Sept. 3, 1878.



WITNESSES
Robert Emmett,
James J. Sheehy

INVENTOR.
Wm G. Anderson.
Gilmore, Smith & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM G. ANDERSON, OF MEXIA, TEXAS.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **207,703**, dated September 3, 1878; application filed June 22, 1878.

To all whom it may concern:

Be it known that I, WILLIAM G. ANDERSON, of Mexia, in the county of Limestone and State of Texas, have invented a new and valuable Improvement 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.

Figure 1 of the drawings is a representation of a perspective view of my bale-tie unclasped. Fig. 2 is a side view, clasped; and Fig. 3 is a bottom view of the locking-hook.

My invention relates to ties for cotton-bales and other similar packages; and the novelty consists in forming out of one piece of sheet metal a tie, one end of which is provided with longitudinal eyes, said eyes at the bearing end being rounded to give strength by avoiding abrupt corners, which promote tearing of the material. These eyes are cut by suitable dies. The other end of the blank is bent longitudinally at its center inward, and the sides thus coming in contact form a transverse body of double strength. These surfaces being thus brought in contact, an outward incline on the end and a hook on the lower inner surface are cut by dies, or otherwise, such portions being adapted to pass into the slots in the other end of the tie and make a secure lock.

Referring to the drawings, A represents the sheet-metal blank, and A' the free end thereof, in which are cut eyes C, having rounded corners *c*. B represents the locking-hook, which is formed by bending the metal upon itself from its longitudinal center, and being cut by

dies, or otherwise, to form an incline, *b'*, and a hook, *b*, as shown. The bearing-surface of the hook is rounded or convexed to correspond with the concave end *c* of the eye C in transverse direction.

The incline *b'*, acting upon the opposite end of the eye C, serves as a guide to depress the hook B until the catch *b* engages with rounded corner *c* of the eye C.

I am aware that it is not new to form a bale-tie of one piece of metal; that it is not new to bend the metal upon itself to form the hook, as such construction is shown in Patent No. 183,702, of October 24, 1876.

My device is an improvement on such construction. I provide a stronger hook, and the incline assists materially in making the connection.

I am also aware of the Patents Nos. 178,418 and 173,597, of 1876, but these are complicated and not formed of one piece of metal.

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

The bale-tie described, formed of one piece of metal, provided at one end with the eye C, having rounded corner *c*, the portion of metal at the other end being bent upon itself, forming the lock B, having the incline *b'* and hook *b*, constructed and adapted to serve 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.

WILLIAM GREEN ANDERSON.

Witnesses:

J. A. GARDINER,
E. S. THORNTON.