

G. W. SCOTT.

Bale-Ties.

No. 155,982.

Patented Oct. 13, 1874.

Fig. 1.

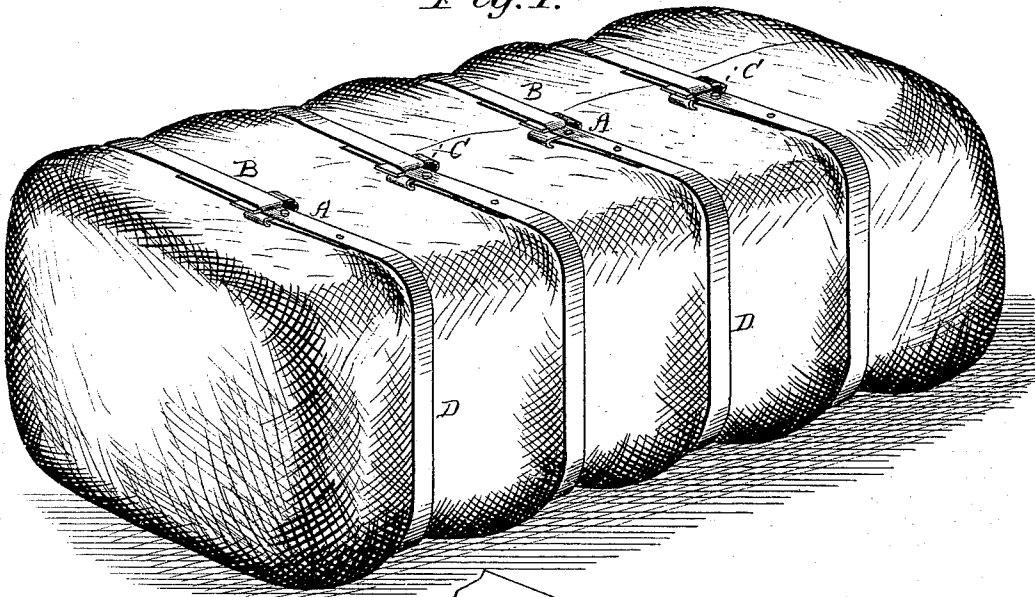


Fig. 2.

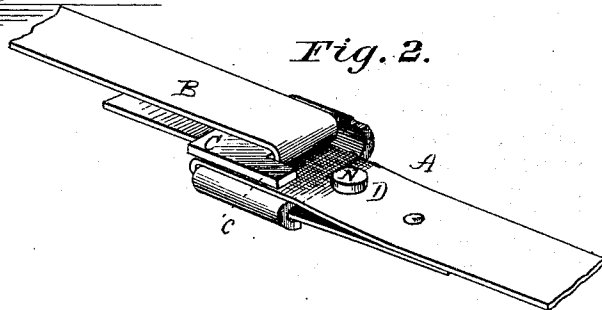


Fig. 3.

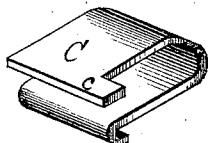


Fig. 6.

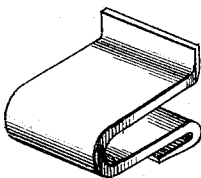


Fig. 4.

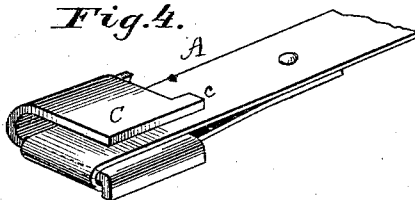
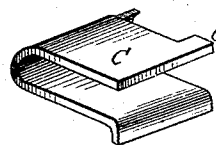


Fig. 5.



Witnesses:
A. H. Norris.
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George W. Scott
By James L. Norris,
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UNITED STATES PATENT OFFICE.

GEORGE W. SCOTT, OF SAVANNAH, GEORGIA.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **155,982**, dated October 13, 1874; application filed October 2, 1874.

CASE B.

To all whom it may concern:

Be it known that I, GEORGE W. SCOTT, of Savannah, in the county of Chatham and State of Georgia, have invented certain new and useful Improvements in Bale-Ties or Packing-Bands, of which the following is a specification:

My invention relates to certain new and useful improvements in ties for cotton, hay, and other bales; and it consists in a new and improved buckle or lock to be applied to one end of the packing-band, to secure and hold the loop or hook at the other end of the same, as will be fully hereinafter set forth.

In the drawings, Figure 1 is a perspective view of a bale with my invention applied. Fig. 2 is a detached view of the packing-band and lock, showing the lip of the latter bent under the edge of the band; Fig. 3, a similar view of the lock. Fig. 4 is a perspective view of the lock and packing-band, showing the lip at right angles to the band. Fig. 5 is a similar view of the lock, and Fig. 6 is a perspective view of the lock, showing both ends turned out.

A represents one end of the packing or binding band, and B the hook at the other end. D represents the packing-band, and C represents the lock or buckle which is secured in a loop on the end of the packing-band, said loop being formed by bending the end of the band and securing the parts by rivets, bolts, or screws, as shown Figs. 2 and 4.

In practice I usually form one of the bolts, screws, or rivets, with an enlarged or bossed head, and set said rivet or screw on a line with the hook *c* of the lock C. The lock or buckle C is formed of a strip or piece of metal bent into the form of the letter **U**, one arm of which is secured on the loop of the binding or packing strap, the other arm being cut or notched so as to form a hook to lock and hold the other end of the band or strap, as will be hereinafter set forth.

The edges of one arm of the **U**-shaped lock are bent down at right angles to said arm, so as to form a shoulder or stay to hold it in place in the loop formed on the packing-band, or it may be bent and pressed so as to clasp the edge of the same, as shown in Fig. 2.

In locking the parts of the tie, the hook B is passed into the lock C over the end of the hook on its side, and clearing the enlarged head or boss of the rivet, screw, or bolt E, so as to fall into the recess in the upper arm of the buckle or lock C, and be securely held therein, as shown in Fig. 2.

The outward pressure of the bale caused by the elasticity of the cotton, will keep the two parts of the tie securely locked in one direction, while the stud or boss on the rivet, screw, or bolt will prevent any movement in the opposite direction, and hold the parts firmly together.

What I claim is—

1. The lock or buckle C made of band, malleable, or cast iron, and notched so as to form a hook to secure and hold the folded end of the hook B of the packing-band, and turned so as to hold the other end, substantially as herein described.

2. The lock or buckle C, with both ends turned out and secured to one end of the packing-band by means of the loop on the end of the same secured by rivets, substantially as herein shown and described.

3. In combination with the packing-band and lock or tie, the rivet, bolt, or screw N, with its enlarged boss or head for confining the hook B in place when the parts are locked, substantially as herein described.

In testimony that I claim the foregoing I have hereunto set my hand.

GEO. W. SCOTT.

Witnesses:

JAMES L. NORRIS,
ALBERT H. NORRIS.