

A. B. HAGAMAN.

Bale-Ties.

No. 150,238.

Patented April 28, 1874.

Fig. 1

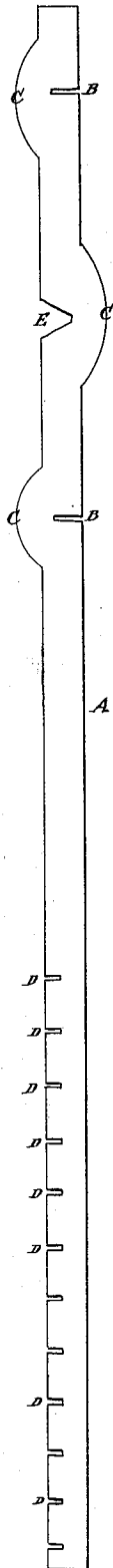


Fig. 2

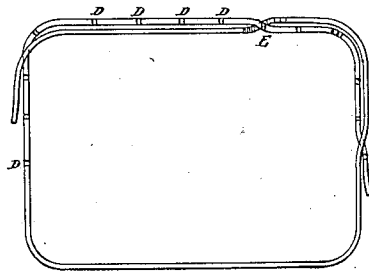
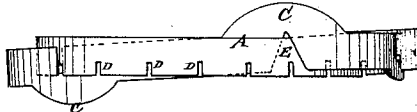


Fig. 3



WITNESSES:

A. W. Almqvist
N. J. J. J.

INVENTOR:

A. B. Hagaman
BY *M. J. J. J.*

ATTORNEYS.

UNITED STATES PATENT OFFICE

ABRAM B. HAGAMAN, OF JACKSON, LOUISIANA.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **150,238**, dated April 28, 1874; application filed February 28, 1874.

To all whom it may concern:

Be it known that I, ABRAM B. HAGAMAN, of Jackson, in the parish of West Feliciana and State of Louisiana, have invented a new and useful Improvement in Bale-Ties, of which the following is a specification:

The invention relates to the construction of bands for baling cotton and other commodities or articles, whereby a separate buckle or tie is dispensed with; and it consists in one or more projections on the edge or edges of the band, in combination with slits for locking the band around the bale.

In the accompanying drawing, Figure 1 represents a band constructed according to my invention. Fig. 2 is an edge view of the band as when "tied" around a bale. Fig. 3 is a side view of the same.

Similar letters of reference indicate corresponding parts.

A is the band, having at one end one or more lock-slits, B, opposite which are projections C. At the other end of the band are one or more lock-slits, D, in the opposite edge of the band. These latter slits D extend only about one-third the width of the band. The slits B being two-thirds the width, it will be seen that, when the ends are locked together, as represented in Fig. 2, the edges of the two ends will be even, and, the slits B being re-enforced by the projections C, the band will be much stronger than it would be if the slits at each end were cut half-way across, as is usual in lock-joints.

We are aware that bale-bands have been

locked in a similar manner before; but such bands, being cut half off at the lock-joint, are weak, and will not stand the strain to which they are subjected when the bale is released from the pressure of the press and expands. By means of the projections C opposite the slits in one end of the band, and the slits cut as described, the lock-joint band is made strong and durable, thus saving much expense and trouble in baling cotton, as well as other commodities.

In locking the band, the end in which are the small slits D is passed through the V-shaped opening E, which opening is re-enforced by one of the projections C. The friction thus produced keeps the band in place, and protects the joint as the bale is tumbled about, and also facilitates the operation of locking the band.

The expense of separate bale-ties or buckles is a very important item to the cotton producer, and any device which will allow it to be dispensed with will be hailed with delight by cotton planters.

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

The bale-band provided with projections C, located on opposite sides, the slits B D, and an intermediate slit or notch, E, as shown, and for the purpose set forth.

A. BEEKMAN HAGAMAN.

Witnesses:

WM. R. MCKOWEN,
RICHD. C. GORDON.