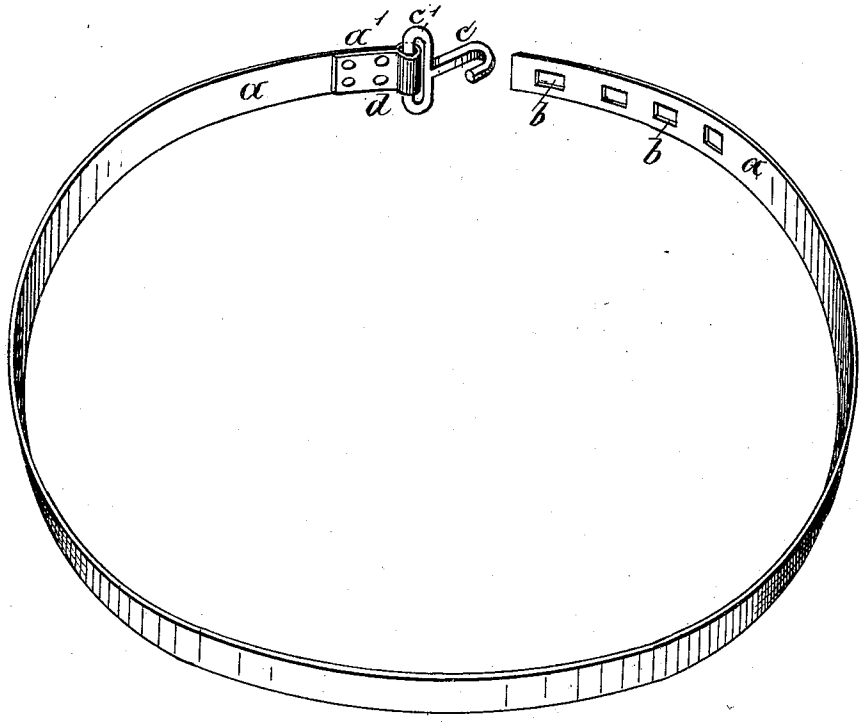
T. D. HANNON.

BALE-TIE.

No. 191,337. Patented May 29, 1877.



Witnesses
Alfred L. Leonard
Henri Guillaume

Inventor.
Thomas D. Hannon
by Henry Orth
atty.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THOMAS D. HANNON, OF TUSCALOOSA, ALABAMA.

IMPROVEMENT IN BALE-TIES.

Specification forming part of Letters Patent No. **191,337**, dated May 29, 1877; application filed November 20, 1876.

To all whom it may concern:

Be it known that I, THOMAS D. HANNON, of Tuscaloosa, in the county of Tuscaloosa and State of Alabama, have invented certain new and useful Improvements in Bale-Ties, of which the following is a specification:

My invention has for its object the construction of a bale-tie provided with a hook-fastening device, pivoted to one extremity, and locking at right angles to the plane of the band into a slot or hole, of which there may be a number formed in the opposite extremity of the band.

By pivoting the hook-fastening at right angles to the plane of the band the locking is greatly facililated, and by riveting together the ends of the band when bent around to form the loop or eye for the reception of the hook the band is greatly strengthened at that point.

But, that my invention may be fully understood, I will proceed to describe the same in detail by aid of the accompanying drawings, which represent, in perspective, a bale-tie and fastening device constructed according to my invention.

a is the band or tie, one end of which is provided with a series of slots or apertures, *b*, to receive the hook *c* and lock the two parts together. The other end of the band *a* is bent around into a loop or eye, *d*, over the slotted shank *c'* of the hook *c*—that is to say, the end *a'* of the band is passed into the slotted shank of the hook *c*, bent over one side of the slot, and riveted securely to the band *a*, as plainly shown in the drawings. The hook *c* is formed at right angles to its slotted shank, and, being pivoted to the band *a*, the locking or hooking of the two ends when the band is around a bale is greatly facilitated, while at the same time the band is very much strengthened at that end having the hook attached thereto.

The strain upon the band by the resilient action of the material held between it, either after leaving the press or in consequence of atmospheric influences, is, in this manner of fastening, distributed over the whole length of the band, and in a direction with its longitudinal plane, thus insuring greater resistance.

I am aware that bale-ties having a hook-fastening have been used before, and I do not wish to claim such a fastening, broadly; but

What I do claim is—

In a bale-tie, the hook *c*, the shank of which is connected to one side of a loop, *c'*, in combination with the band *a*, having its unslotted end passed through and over the opposite side of said loop *c'*, and riveted to the band *a*, substantially as described, for the purpose specified.

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

THOMAS D. HANNON.

Witnesses:

I. M. MARTIN,

W. C. JEMISON.