

J. ADAMS.
Cotton-Bale Ties.

No. 155,849.

Patented Oct. 13, 1874.

Fig. 1.

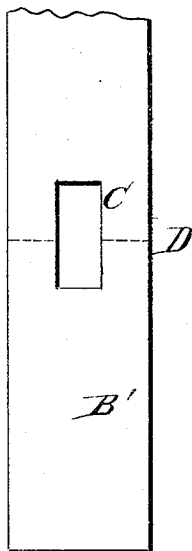
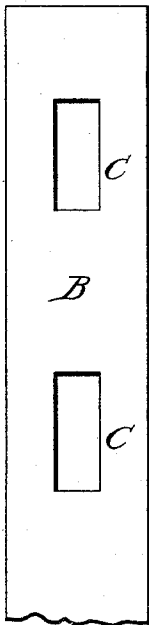


Fig. 2.

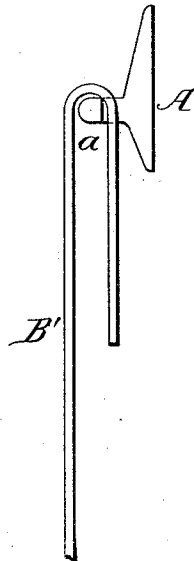


Fig. 3.

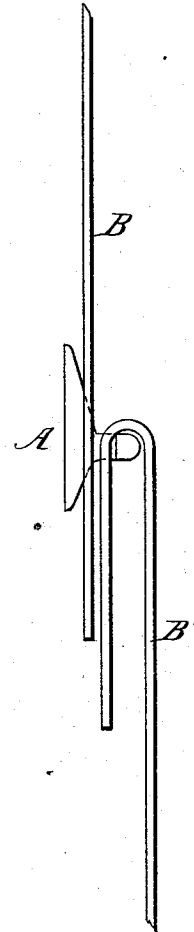
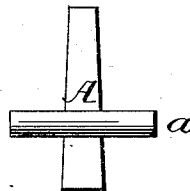


Fig. 4.



Witnesses.

R. B. Holly
F. B. Clapp

Inventor.

Jos. Adams

UNITED STATES PATENT OFFICE.

JOSEPH ADAMS, OF NEW ORLEANS, LOUISIANA, ASSIGNOR OF PART HIS INTEREST TO JAMES W. BROWNLEE, OF SAME PLACE.

IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. **155,849**, dated October 13, 1874; application filed June 30, 1874.

To all whom it may concern:

Be it known that I, JOSEPH ADAMS, of New Orleans, Louisiana, have invented Band-Unions, of which the following is a specification:

My invention consists of a new and useful union-piece to connect the ends of metal bands.

To enable those skilled in the arts to make and use my invention, I will describe its construction and mode of operation in the drawing annexed.

Figure 1 is the end of the band. Fig. 2 is the end of the band having the union-piece connected thereto; Fig. 3, the ends of the band united by union-piece as on a bale; Fig. 4, view of union-piece.

B, end of band, perforated; B', end having one opening cut therein; C, openings; D, point at which the band is bent; A, union-piece.

Like letters in each view refer to like parts.

The object of my invention is to provide a new connecting-piece for bands of such a nature that will not need a rivet when attached, will not be lost during transportation, and when the ends of the bands are united will resist the strain without any aid from the material baled.

Openings C are cut from one end of the band of the required length, and equidistant apart. One opening is cut in the other end

of the band to receive the union-piece. A metal union-piece is made, of the shape seen in Fig. 4, having two legs at right angles to each other, and having a connection where the legs cross. The leg *a* is inserted into an opening cut in the end of the band. The band is folded over leg *a*, holding the union-piece to the band, so that the other leg of the cross becomes a stud, as in Fig. 2. The band being prepared, and the cross-union attached, the band is ready for baling.

This operation is simple and easily understood, and is thus: Band is passed around the bale. One end having the union attached thereto is brought over the other end and the stud is entered into an opening that suits the size of the bale to be banded. The ends are united as in Fig. 3.

Having described this my invention, what I claim, and desire to secure by Letters Patent, is—

1. The key consisting of the head and bolt formed transversely to each other.

2. The mode of securing the band to the key by holding the head of the key within the slotted and bent part of one end, and inserting the bolt of the key within its seat in the other end of the band.

JOS. ADAMS.

Witnesses:

R. B. HOLLY,
F. B. CLAPP.