

J. McMURTRY.  
COTTON-BALE TIE.

No. 177,650.

Patented May 23, 1876.

Fig 1

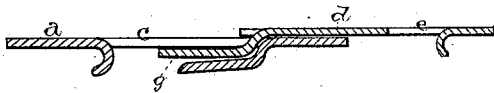
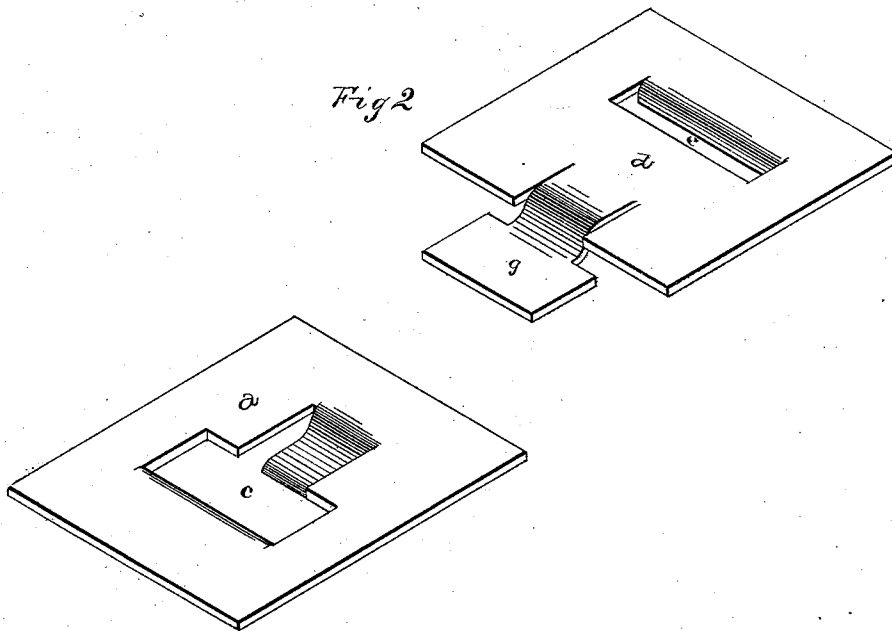


Fig 2



Witnesses  
Wm. J. Murphy  
Wm. H. Hale

Inventor  
Jno. McMurry,  
per  
F. A. Lehmann, Atty.  
Washington, D.C.

# UNITED STATES PATENT OFFICE.

JOHN McMURTRY, OF LEXINGTON, KENTUCKY.

## IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. **177,650**, dated May 23, 1876; application filed October 18, 1873.

*To all whom it may concern:*

Be it known that I, JNO. McMURTRY, of Lexington, in the county of Fayette and State of Kentucky, have invented certain new and useful Improvements in Cotton-Bale Ties; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in cotton-bale ties; and it consists in making the tie in two parts, one of which has a suitably-shaped opening cut through it, while the other has a hook or catch formed upon one end, which catches in the opening of the other plate, and binds the two parts together.

The accompanying drawings represent my invention.

*a* represents a suitable metal plate, through which is stamped or punched the T-shaped opening *c*, the waste or broken-down part of the metal being allowed to project downward from the under side of the plate, as seen in Fig. 1. *d* represents a second plate, having the opening *e* punched through one end, through which one end of the band is passed, in the usual manner, and having a part of the opposite end cut away, so as to leave the T-shaped hook or catch *g*, which is bent down below the level of the plate. The ends of the

metal band having been passed through the openings *c e* of the two plates, and then bent backward, so as to come next to the cotton, the hook *g* is passed downward through the opening *c* of the plate *a*, as shown in Fig. 1, and the two parts of the tie are bound securely together, and yet can be readily undone when so desired.

Where the usual single buckle is used, the band is passed through one end and then turned under; but after the band has been wrapped or passed around the bale, and it is then attempted to pass the other end of the band through the buckle, the band lies so close to the bale that the slack of the band can only be taken up with great difficulty and at a considerable loss of time. My invention is intended to overcome these defects.

Having thus described my invention, I claim—

The buckle for cotton-bale ties, consisting of the two parts *a d*, which are constructed and made to hook together, substantially as shown and described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of October, 1873.

JOHN McMURTRY.

Witnesses:

A. J. CAMPBELL,  
J. P. OWENS.