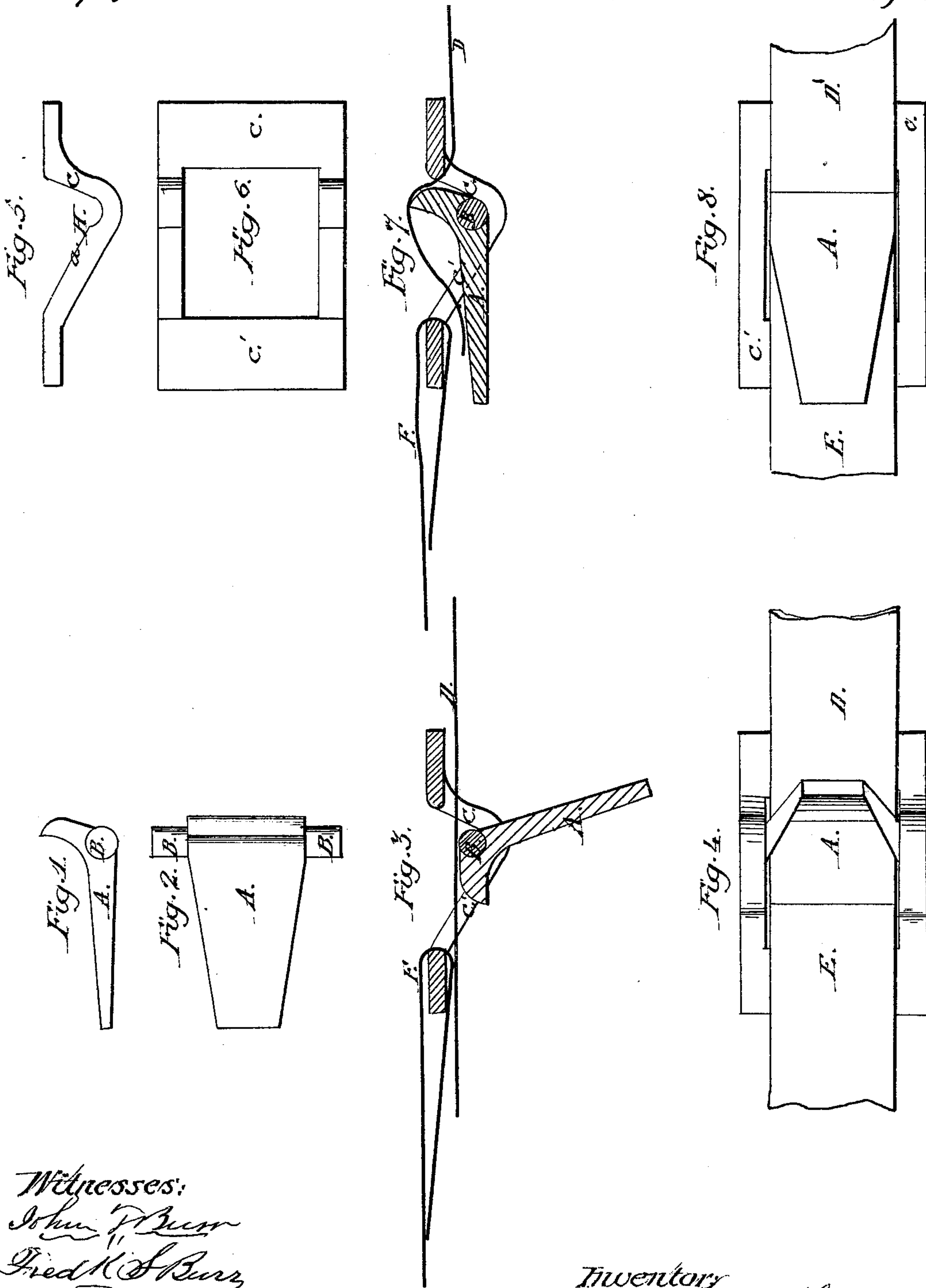


T. C. Oakman.

Cotton Bale Tie.

N^o 91,361.

Patented Jun. 15, 1869.



Witnesses:
John F. Burr
Fried H. Burr

Inventor
T. Campbell Oakman.



T. CAMPBELL OAKMAN, OF PATERSON, NEW JERSEY.

Letters Patent No. 91,361, dated June 15, 1869.

IMPROVEMENT IN COTTON-BALE TIES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, T. CAMPBELL OAKMAN, of the city of Paterson, and county of Passaic, and State of New Jersey, have invented a new and improved Cotton-Tie; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters in each figure refer to like parts.

My invention relates to improvement in ties for cotton-bales and other articles, and consists of a cam-lever, provided with journals, which rest or have their bearings in the angles of the bent side bars of the frame of the tie, whereby it is adapted to hold one end of a strap or band between its shorter arm and the inner face of one of the end bars of said frame, as will be hereinafter more fully described.

In the accompanying drawings—

Figure 1 is a side elevation of the pawl;

Figure 2 is a plan of the same;

Figure 3 is a vertical section through the centre of my tie before fastening;

Figure 4 is a plan of fig. 3;

Figure 5 is a side elevation of the buckle;

Figure 6 is a plan of fig. 5;

Figure 7 is a vertical section through the centre of my tie after fastening; and

Figure 8 is a plan of fig. 7.

In many of the cotton-ties as at present constructed much of the "slack" of the band is lost in fastening. This is obviated in my tie.

I construct my tie in two parts, the pawl or cam-

lever A, and the frame C C, which is, generally speaking, of rectangular form.

Its longer or side bars are bent, as shown in the drawings, to form bearings H for the journals or pivots B of the cam-lever.

The journals are flattened on one side, so that when the short arm of the lever impinges on the band or strap inserted between itself and the end bar C of the frame, the flat sides of the said pivots or journals will fit closely in their bearings against the longer inclined portions of the side bars, thus, in effect, locking the lever in the desired position. When it is desired to release the fastening, it is only necessary to elevate the end of the longer arm of the lever.

One end of the band D is looped around the end bar C', or may be otherwise secured, as may be preferred.

In fig. 3, I have represented the cam-lever as set in a vertical position, while the free end of the hoop D is arranged ready for fastening.

Figs. 7 and 8 represent the fastening complete.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The bale-tie, or fastening, consisting of the cam-lever A, provided with the journals B, flattened on one side, and having their bearings H in the angles of the bent side bars of the frame C, all constructed and operating as set forth.

Witnesses: T. CAMPBELL OAKMAN.

JOHN T. BURR,
FREDK. S. BURR.