

W. CRONE & T. CROMER.
Cotton-Bale Ties.

No. 153,669.

Patented Aug. 4, 1874.

Fig 1

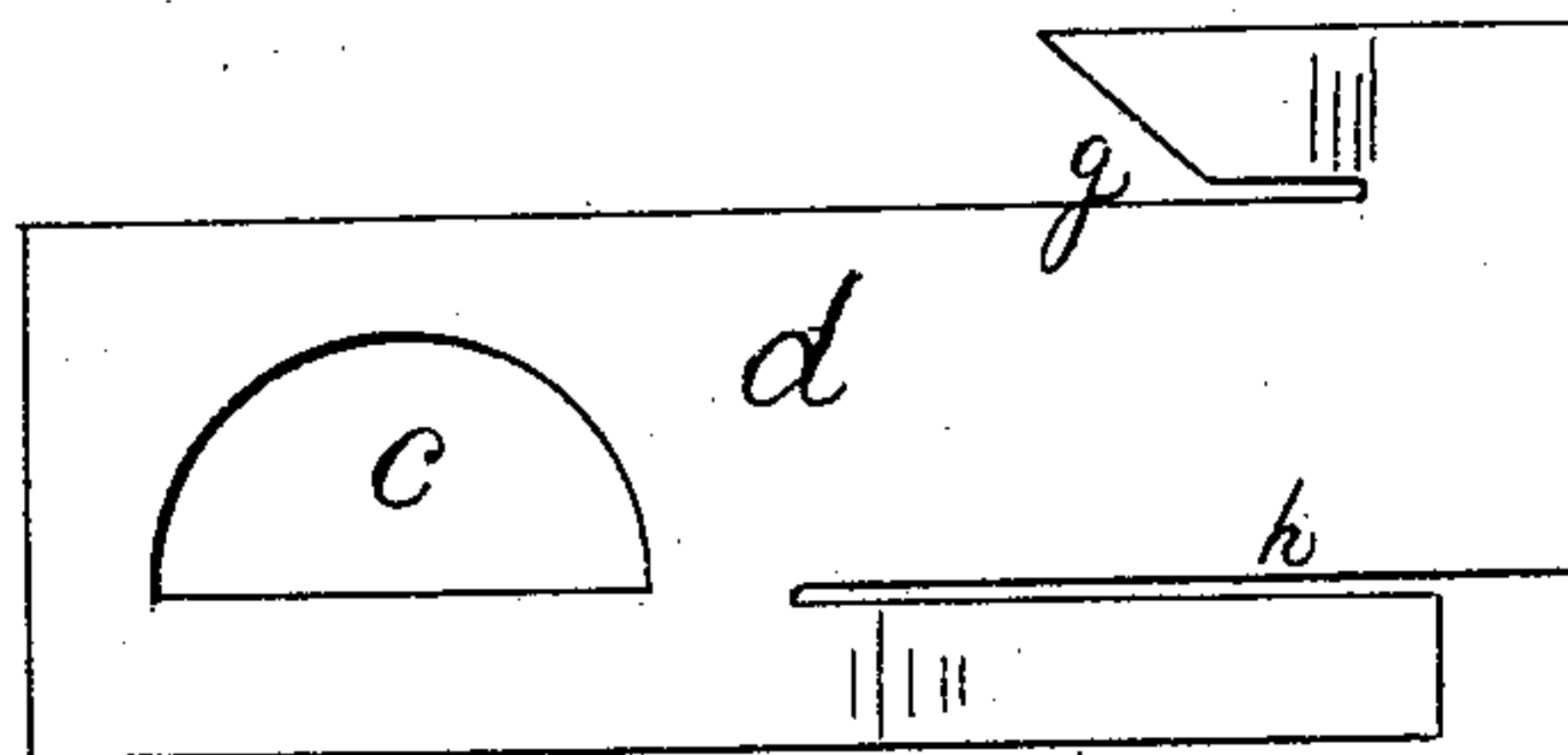
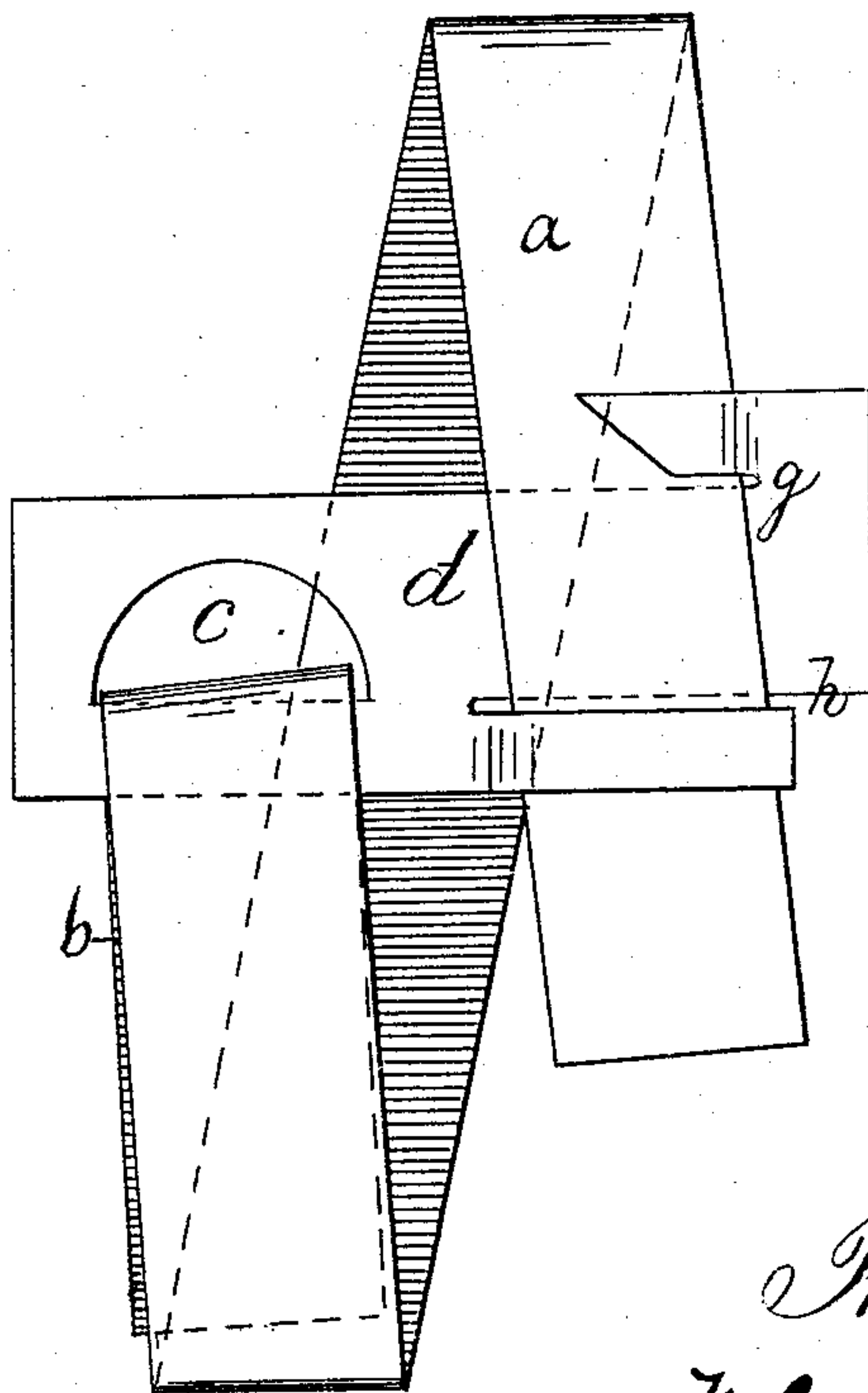


Fig 2



Witnesses
Benjamin C. Pole
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Inventor
W. Crone & T. Cromer
Ed. Whitman atty

UNITED STATES PATENT OFFICE.

WILLIAM CRONE AND THOMAS CROMER, OF GALVESTON, TEXAS.

IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. **153,669**, dated August 4, 1874; application filed June 16, 1874.

To all whom it may concern:

Be it known that we, WILLIAM CRONE and THOMAS CROMER, of Galveston, county of Galveston and State of Texas, have invented an Improved Cotton-Bale Tie.

The following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

The invention which it is sought to protect by these Letters Patent relates to that class of cotton-bale ties which consist of a strap of thin metal, having one end made in the form of a hook, and the other end secured in a slotted eye-piece; and the nature thereof consists in certain improvements in the details of the construction of the same, and novel combinations of the parts thereof, hereinafter shown and described.

In the accompanying plate of drawings, Figure 1 is a view of the eye-piece detached from the strap. Fig. 2 represents the strap combined for operation with the eye-piece.

a designates an ordinary metallic strap, of the kind generally used for bale-ties, having

a bent end or hook, *b*, which is secured to the eye-piece by means of the aperture *c*, through which it is passed. *d* designates the eye-piece, having the opening *c* for the reception of the hook, and slits *g* and *h* for the reception of the end of the strap. The said openings *g* and *h* are made by cutting slits in the eye-piece, and bending the parts thus separated upward sufficiently to allow the strap to pass between the same and the body of the eye-piece.

The end of the strap is first passed through the opening *h*, after which the side thereof is introduced under the pointed projection *m*, and within the opening *g*. As the strap when thus introduced is slightly at an angle with the said eye-piece, the expansive force of the cotton will cause it to become jammed within the openings, and firmly secured in position.

We claim and desire to secure by Letters Patent—

The eye-piece having an aperture for the reception of the hook, and openings for the reception of the end of the strap, as and for the purposes described.

In testimony that we claim the foregoing we have hereunto set our hands this 8th day of June, 1874.

WILLIAM CRONE.

THOS. CROMER.

Witnesses:

HUGO BROSIG,

CHARLES BROSIG.