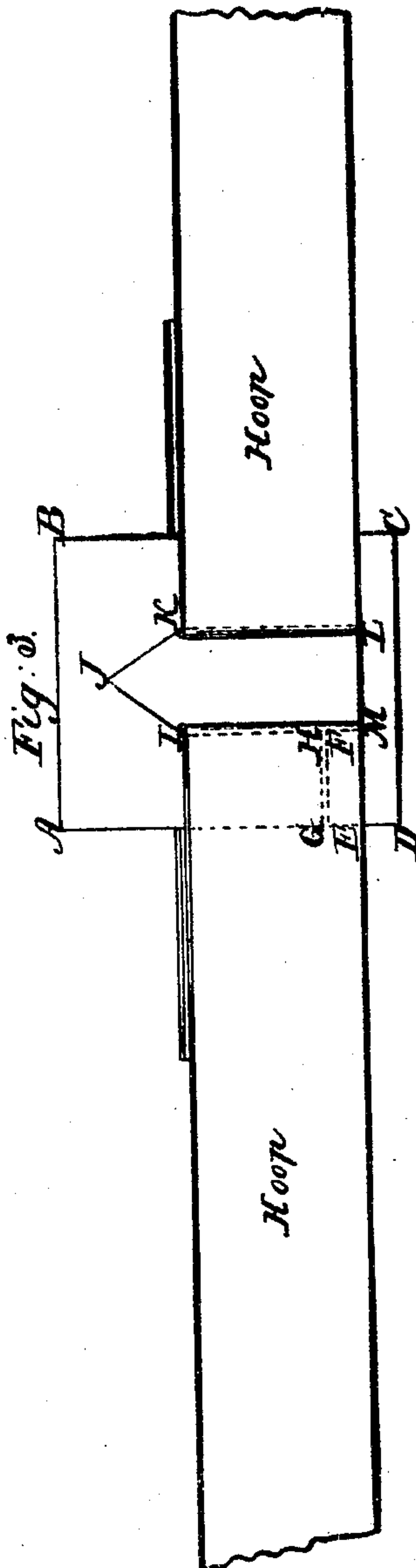
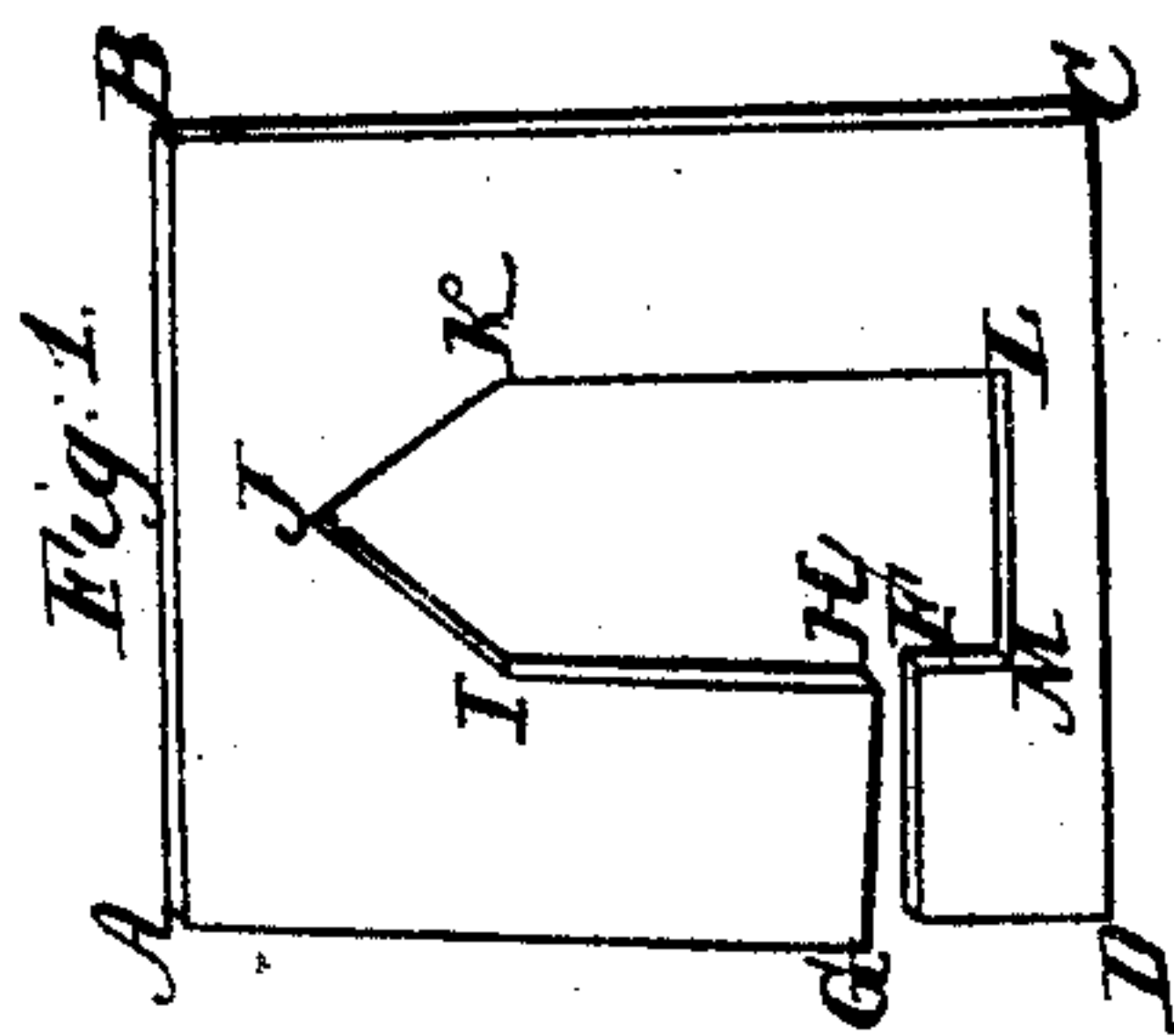
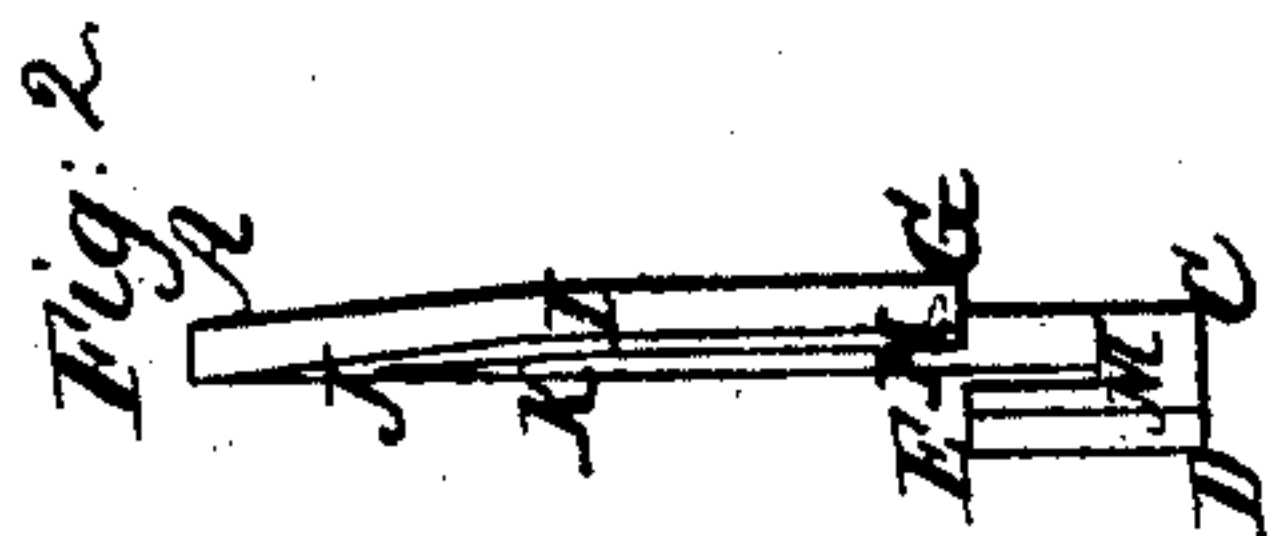


J. J. McComb.
Cotton Bale Tie.

N^o 248
31252.

Patented Jan. 29. 1861.



Witnesses;

E. Cohen
E. Horch

Inventor;

J. J. McComb
By atty A. B. Stroughton

UNITED STATES PATENT OFFICE.

J. J. McCOMB, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN IRON TIES FOR COTTON-BALES.

Specification forming part of Letters Patent No. **31,252**, dated January 29, 1861.

To all whom it may concern:

Be it known that I, J. J. McCOMB, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Mode of Fastening Iron Hoops on Cotton-Bales; and I do hereby declare that the following is a full and exact description of the same, to wit:

The nature of my invention consists in the use of a peculiarly-shaped buckle as a fastening or tie for the ends of the iron hoops which it is desired to substitute in place of the hemp ropes now made use of in baling cotton, said iron hoops being so much safer in case of fire.

To enable those engaged in or familiar with the baling and compressing of cotton to make and use my invention, I will now proceed to explain the process by means of the three diagrams, Nos. 1, 2, and 3, hereunto attached and forming a part of this instrument.

The tie or buckle is a piece of wrought-iron or other metallic substance, about the eighth of an inch thick, an inch and three-quarters wide, and two inches long, (the size being modified to suit the width of the hoop used,) with an oblong hole or aperture cut or punched through the center.

The diagram No. 1, lettered A B C D, represents the exact size of one of the ties or buckles, with aperture cut to receive a hoop an inch wide. The sides A B and D C are equal and parallel, as are also the sides B C and A D. The letters M I J K L show the shape of the aperture or hole which is punched or cut

through the center of the plate, the two longer sides M I and K L being equal in length to the width of the hoop of the size above mentioned. In the side A D is cut a slot, which is indicated on the diagram by the letters E F and G H, the side G H of the slot being turned outward the eighth of an inch, to facilitate the insertion of the end of the hoop.

Diagram No. 2 is a side view of the buckle or tie, and is given to show more clearly the slight outward bend in the side G H of the slot. The sides of this diagram are lettered exactly as those of No. 1.

Diagram No. 3, also lettered as No. 1, represents the buckle or tie in use, the pieces marked "hoop" being the two ends of the iron hoop as they appear when fastened on the cotton-bale.

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

Forming the link or tie with an oblong aperture, one end of which is arrow-shaped, or, rather, presents two sides of an equilateral triangle, the design of this arrow-shaped end being not only to force the hoop or bend of the hoop over the slot, which it does with unerring precision when the bale expands after being released from the press, but also to secure an equal bearing upon the separated parts of the slotted side of the tie.

J. J. McCOMB.

In presence of—

J. Q. A. FELLOWS,
GEORGE MILLARD.