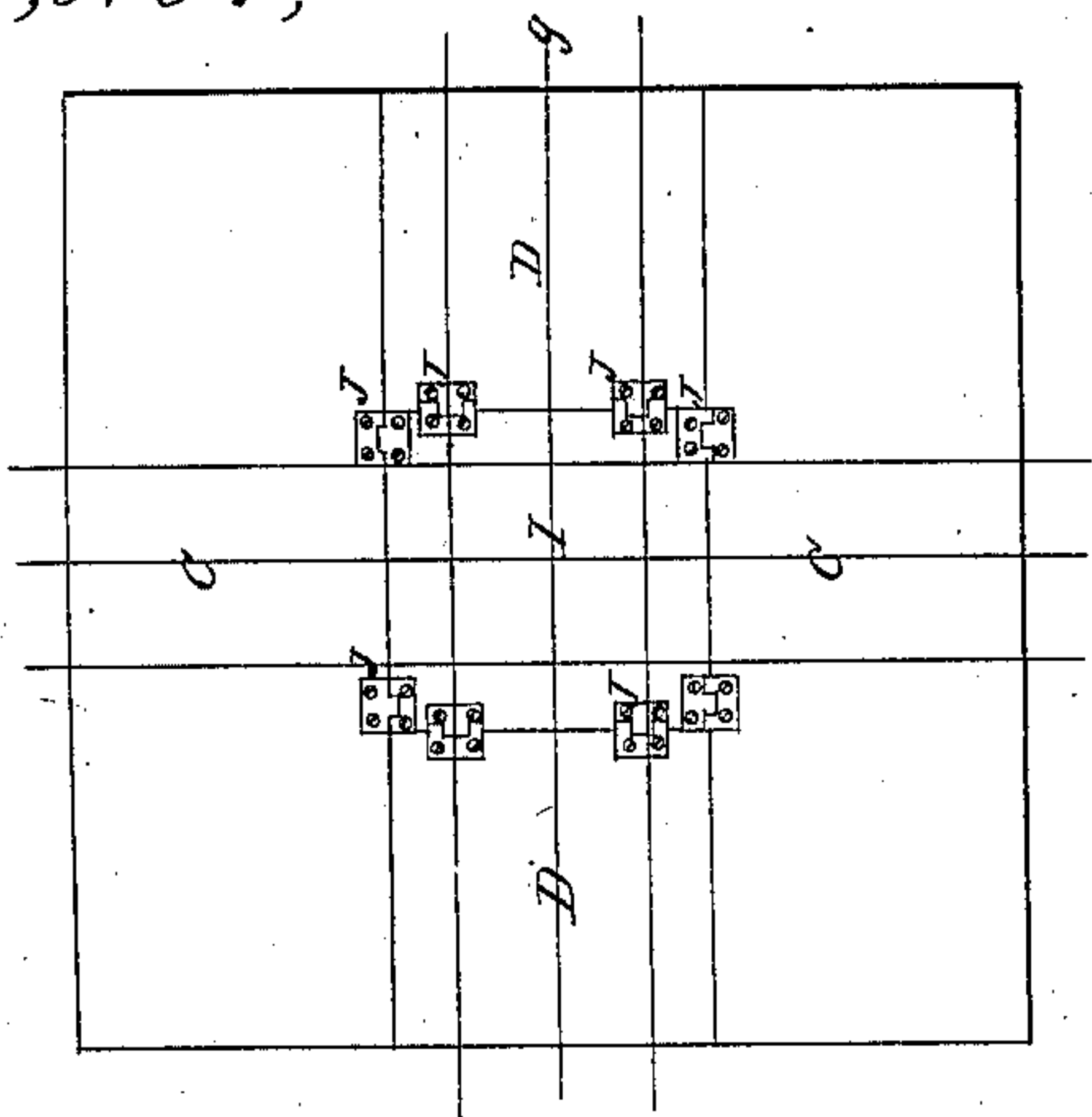


*C. Nighman,*  
*Wool Press,*

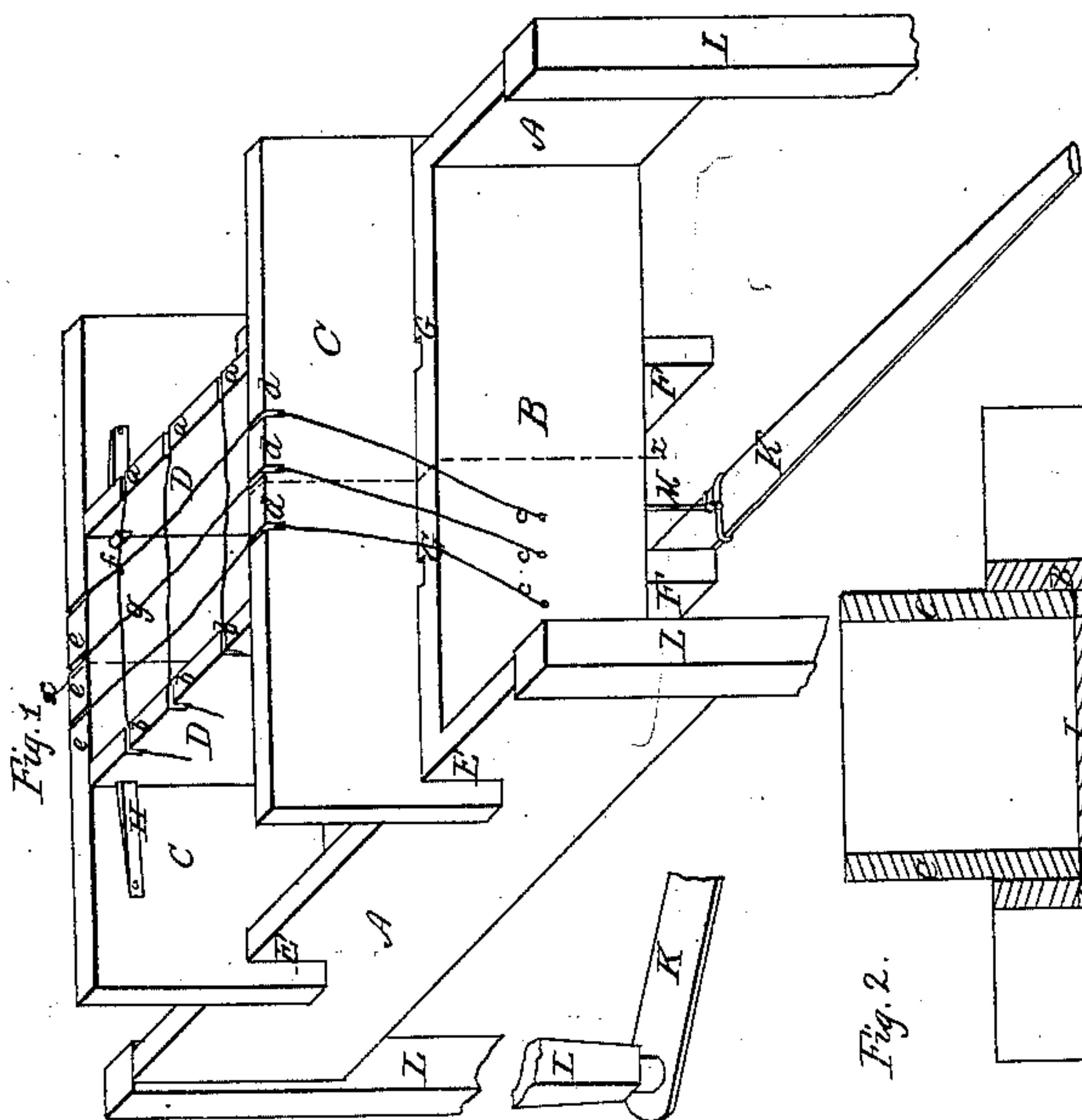
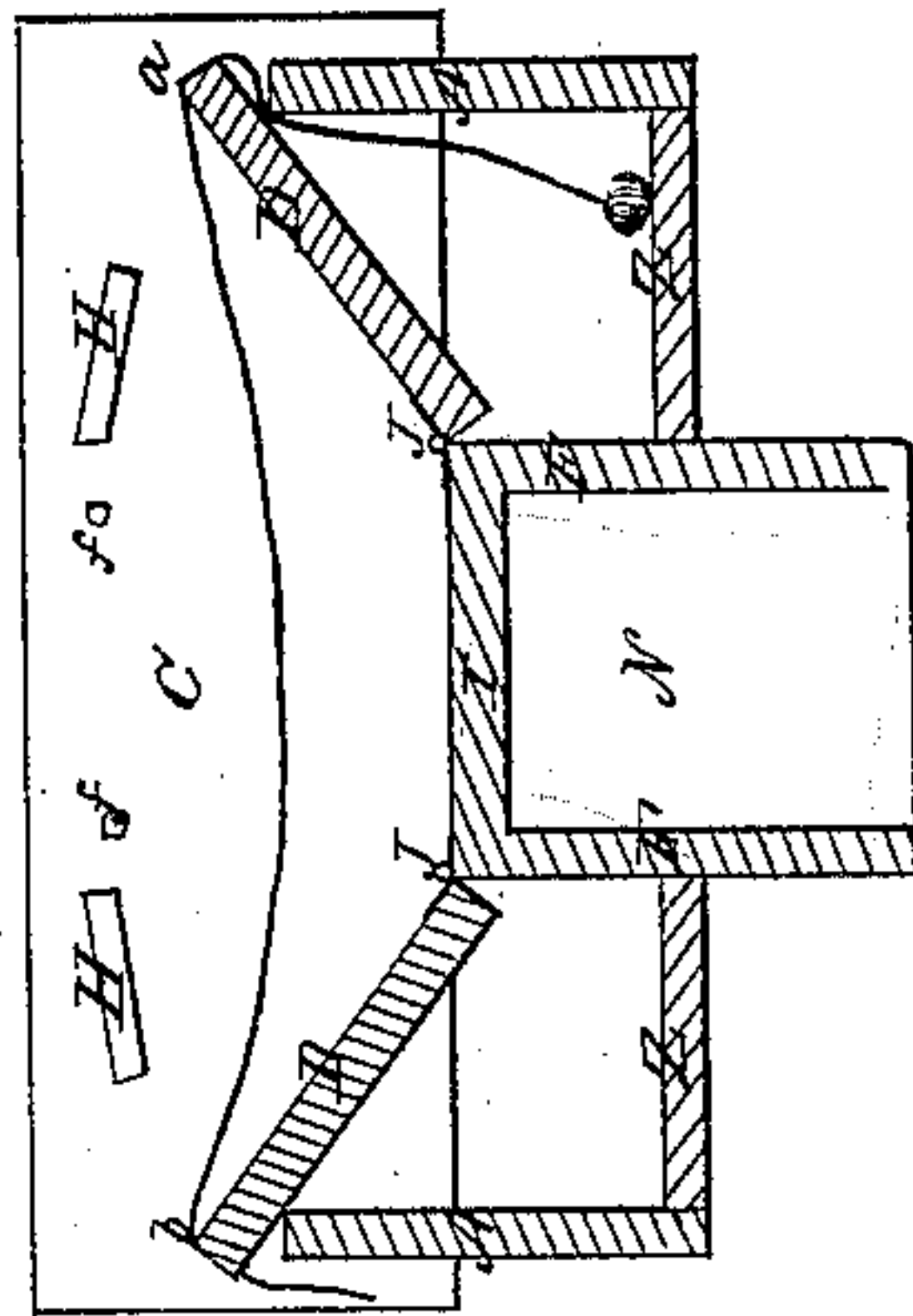
*No 78,407,*

*Patented May 26, 1868.*

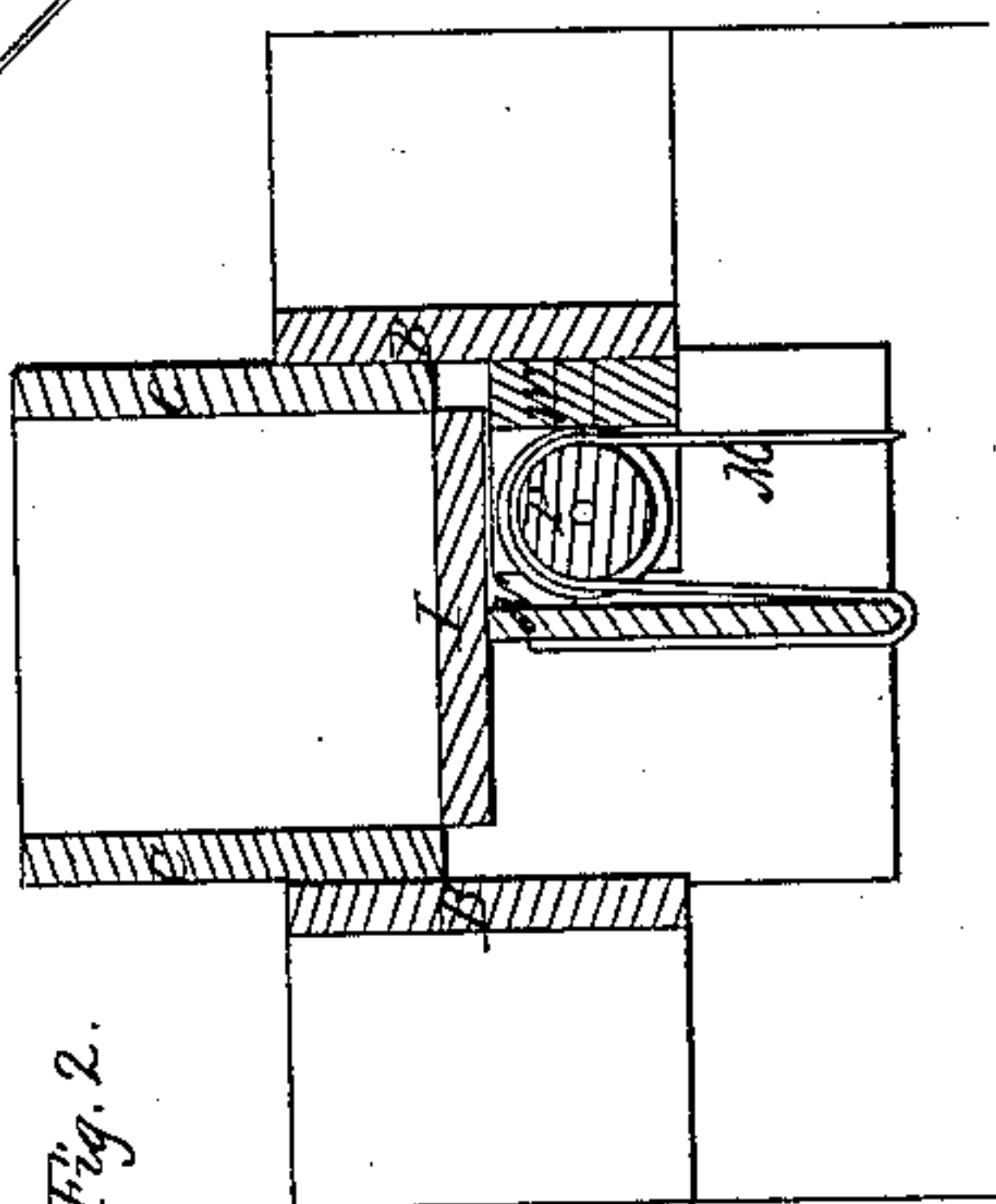
*Fig. 3.*



*Fig. 4.*



*Fig. 2.*



*Witnesses:-*

*Edwin Meredith*  
*Chas. Meredith*

*Inventor:*

*Carmi Nighman*  
*By his attorney*  
*G. L. Chapin*

# United States Patent Office.

CARMI WIGHTMAN, OF BATAVIA, ILLINOIS.

Letters Patent No. 78,407, dated May 26, 1868.

## IMPROVEMENT IN WOOL-BOXES.

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, CARMI WIGHTMAN, of Batavia, in the county of Kane, in the State of Illinois, have invented a new and useful Improvement in Wool-Boxes; 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, making a part of this specification, in which—

Figure 1 is a perspective representation of my invention.

Figure 2, a sectional elevation of the same, taken through the line X X, fig. 1.

Figure 3, drawing 2, a plan view of the invention.

Figure 4, same drawing, a vertical longitudinal sectional elevation.

This invention relates to a conveniently-arranged box, designed especially for folding and tying wool-fleeces in a marketable manner; and its nature consists in the use of a substantial wooden frame, standing on legs, and supporting a bed-piece of such size as the fleece is to have when folded; and also four leaves, hinged to said bed-piece, and arranged to have a flat surface when opened for receiving the fleece, and to be raised up for folding it. And further, in a novel arrangement, whereby twine used for tying the fleece after being folded is held in a convenient position.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give such a detailed description as will enable others skilled in the art to make and use it.

A B represent a box frame, made of wood, and supported on legs L, and having its corners rigidly fastened, and twine-boxes, Z Z', at the ends and under the leaves D, the frame A B forming three sides of said boxes, and the sliding guides F F the other side.

These guides are rigidly attached to a bed-piece, I, and are made to run in grooves, G G, cut in the inner sides of the side-pieces B B, fig. 1, and thus cause the long leaves C C, hung to said bed-piece I, to be evenly adjusted in the notches E cut in the end-pieces A A, when folding a fleece. The short leaves, D, are also hung to the bed-piece I, and are arranged to fold between the leaves C C, and thus form a rectangular box. Spring-catches, H, being attached to the inside of leaves C C, hold leaves D in place at their outer sides, and the pins *ff* their inner sides, while the fleece is being tied. A block, W, fig. 2, drawing 1, is rigidly attached to one of the sides, B, fig. 2, and is made to support a pulley, P, over which a cord, M, is made to run. This cord is attached to and near the top of a cross-piece, N, put longitudinally with the leaves C C, and between the guides F F, to which it is fastened and also attached to the bed-piece I. The cord M passes under the piece N, over the pulley P, and down to a lever, K, to which it is attached, as seen at fig. 1, and used in conjunction with said lever for raising the side leaves C C out of notches E after a fleece has been folded, and preparatory to putting another on the table.

### Operation.

Balls of twine, suitable for tying wool, should be put in the box Z', and the ends of the twine brought through the holes *a b*, in the edges of the leaves D D, fig. 1, drawing 1, and balls of twine should be put in box Z, and the ends of the twine brought through the holes *c c c* in the side B, and through the holes *d e* in the edges of the leaves C C. This will cause the twine *g*, running from separate boxes, Z Z', when the leaves C D are spread, to cross at right angles, as seen at fig. 3, drawing 2. In order to clearly show how the leaves D C are operated, I will first refer to fig. 1, which represents the box closed, as when a fleece is folded. To open the leaves, all that is required is to place one foot on the lever K, and bear gently downward, which will cause the cord M, passing under the cross-piece N, to raise the bed I, fig. 2, drawing 1, and fig. 4, drawing 2, up even with the top of the box-frame A B. This will cause the leaves C C to spread out, as seen at fig. 3, drawing 2, and the leaves D D to fill the spaces between them, and form a table of suitable size for holding a fleece before being folded. After a fleece has been laid flat on the table, now formed, and on the top of the twine *g*, the leaves C C should be raised up by hand to a vertical position, as seen at fig. 2, drawing 1, which operation will cause the bed I to settle down in the frame A B, and leave the leaves D D in inclined positions, as seen at fig.

4, drawing 2. They can then be raised up by hand, which will form a box, as seen at fig. 1, with the folded fleece inside. The twine *g* should now be drawn tightly round the fleece and tied, which will complete the operation.

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

The leaves C C, D D, bed I, frame A B, guides F F, cross-piece N, in combination with lever K, pulley P, and cord M, the whole being constructed and arranged to raise and lower said leaves, substantially as set forth

CARMI WIGHTMAN.

Witnesses:

EDWIN MEREDITH,  
THOS. S. MEREDITH.