(No Model.) 3 Sheets—Sheet 1.

J. PEER.

DEVICE FOR HOLDING BAGS.

No. 488,449. Patented Dec. 20, 1892.

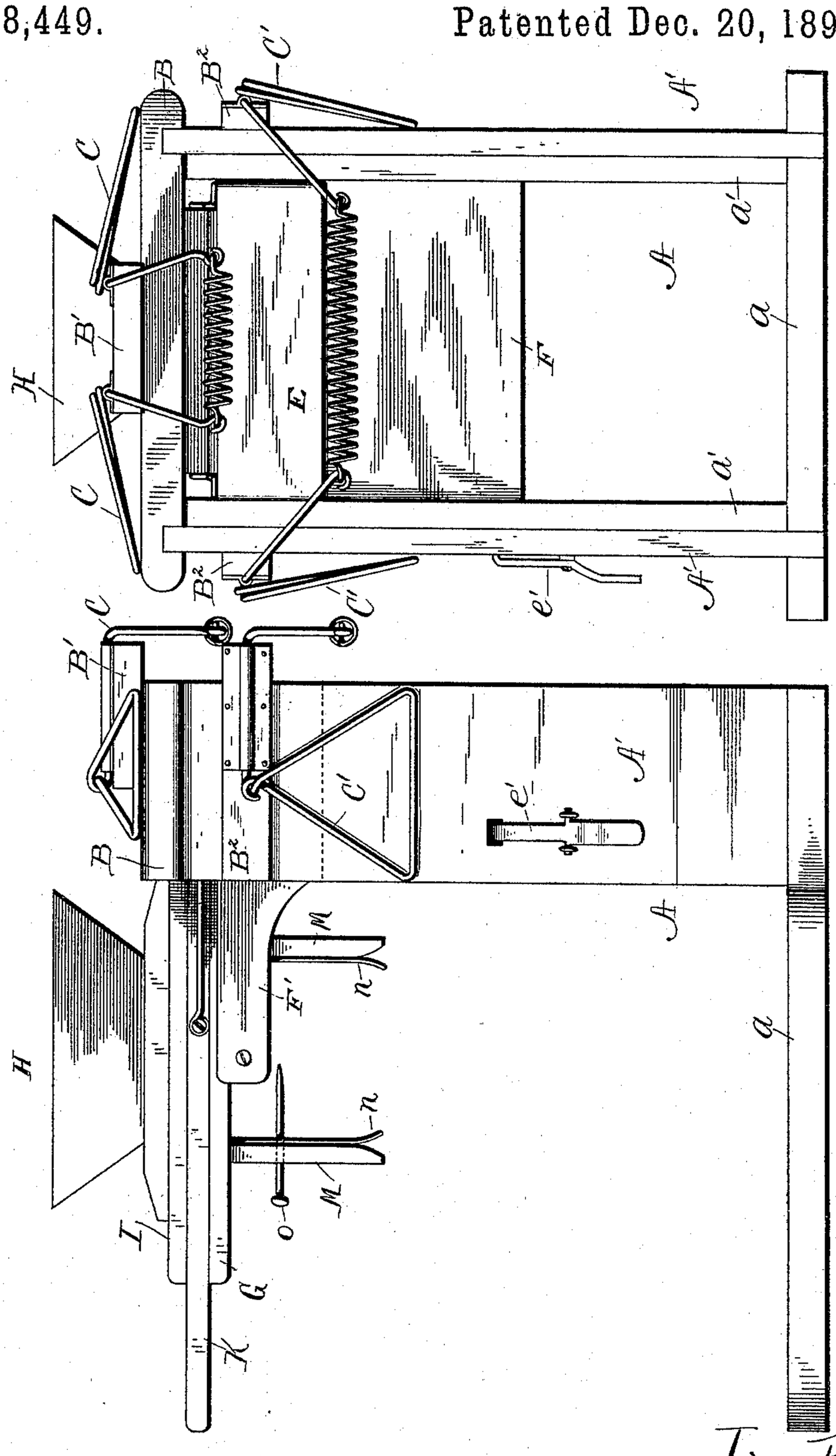

Fig. 2.

Fig. 1.

Witnesses
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by
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(No Model.) 3 Sheets—Sheet 2.

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Fig. 3.

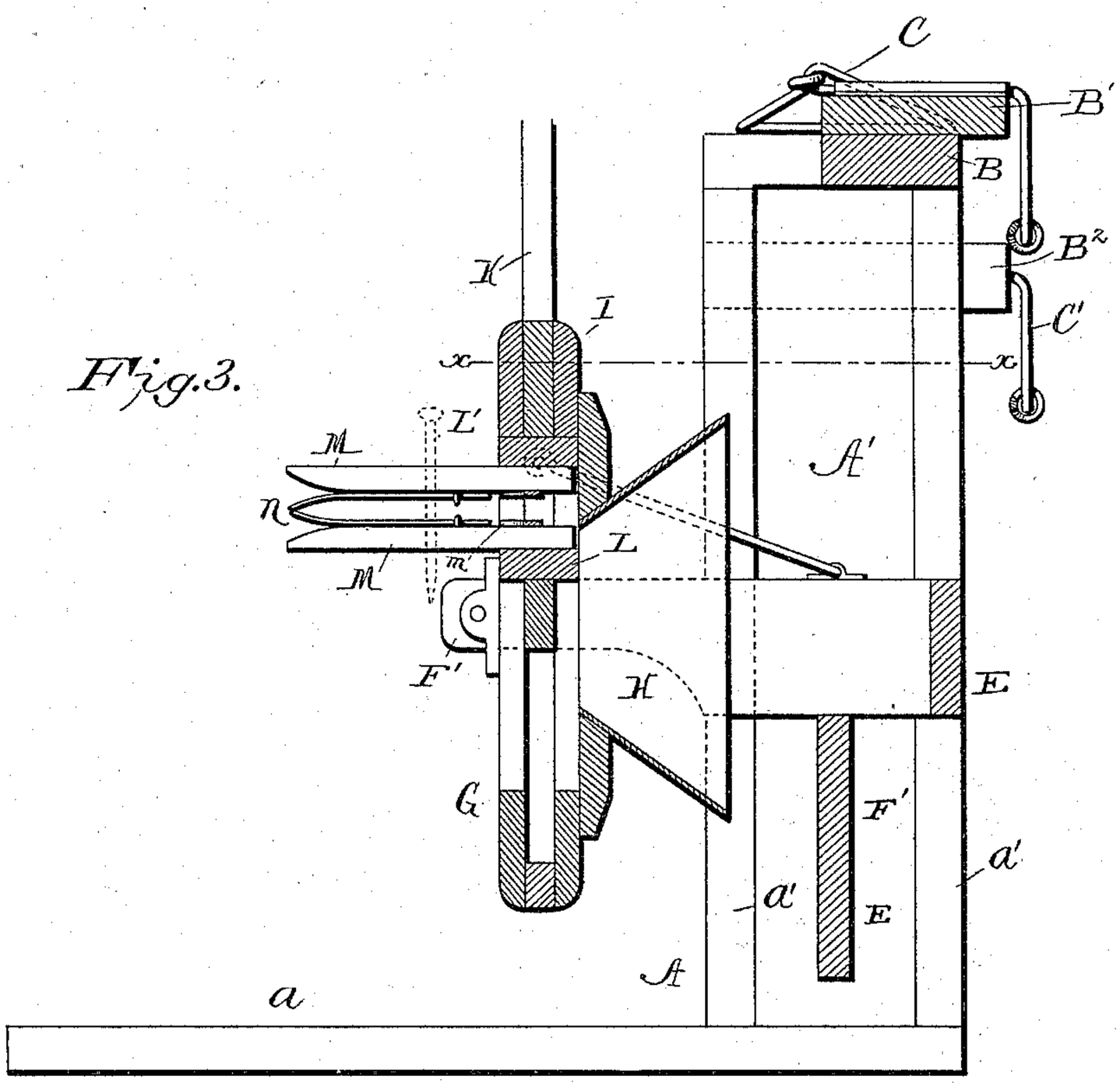
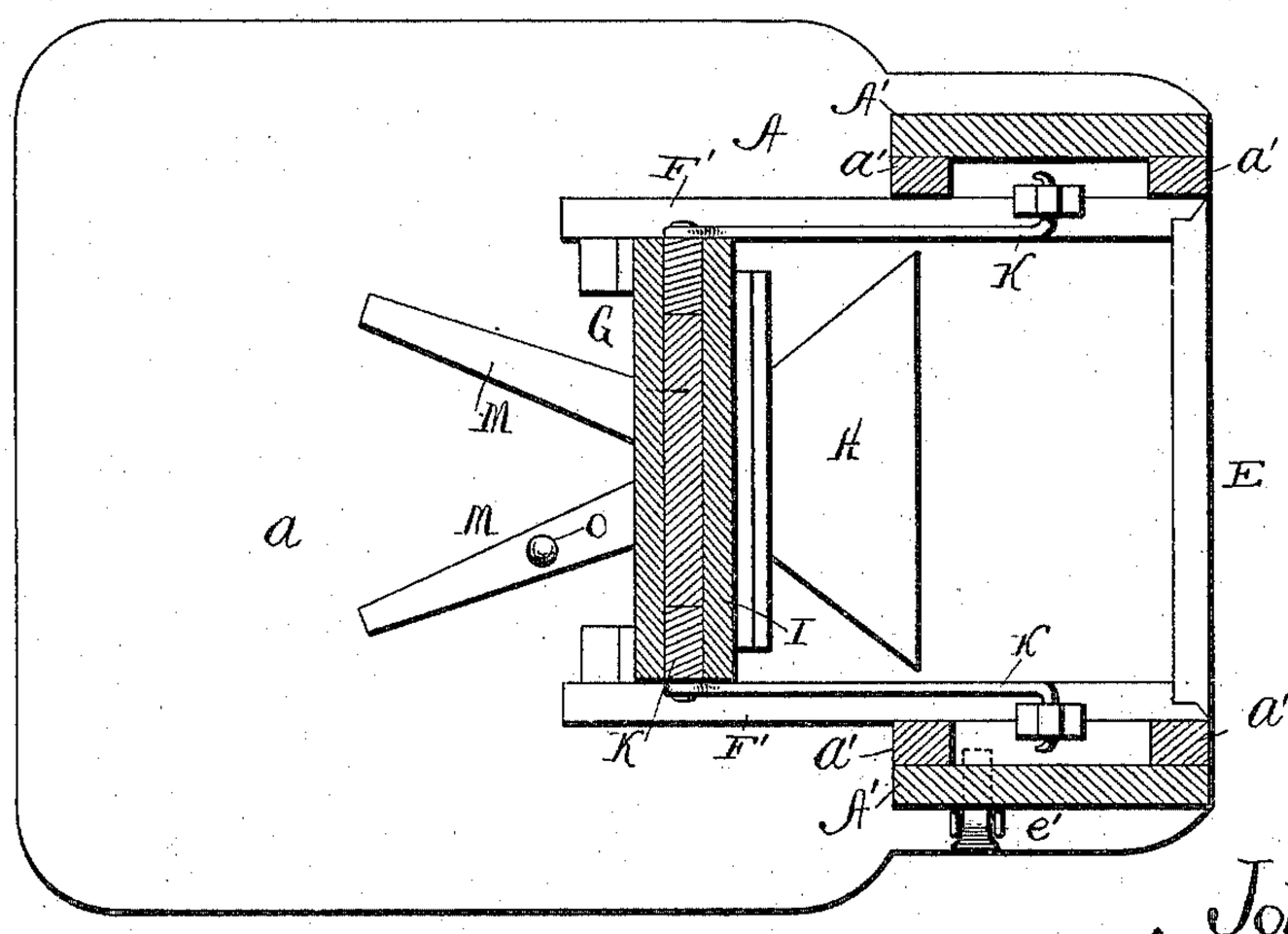


Fig. 4.



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(No Model.) 3 Sheets—Sheet 3.

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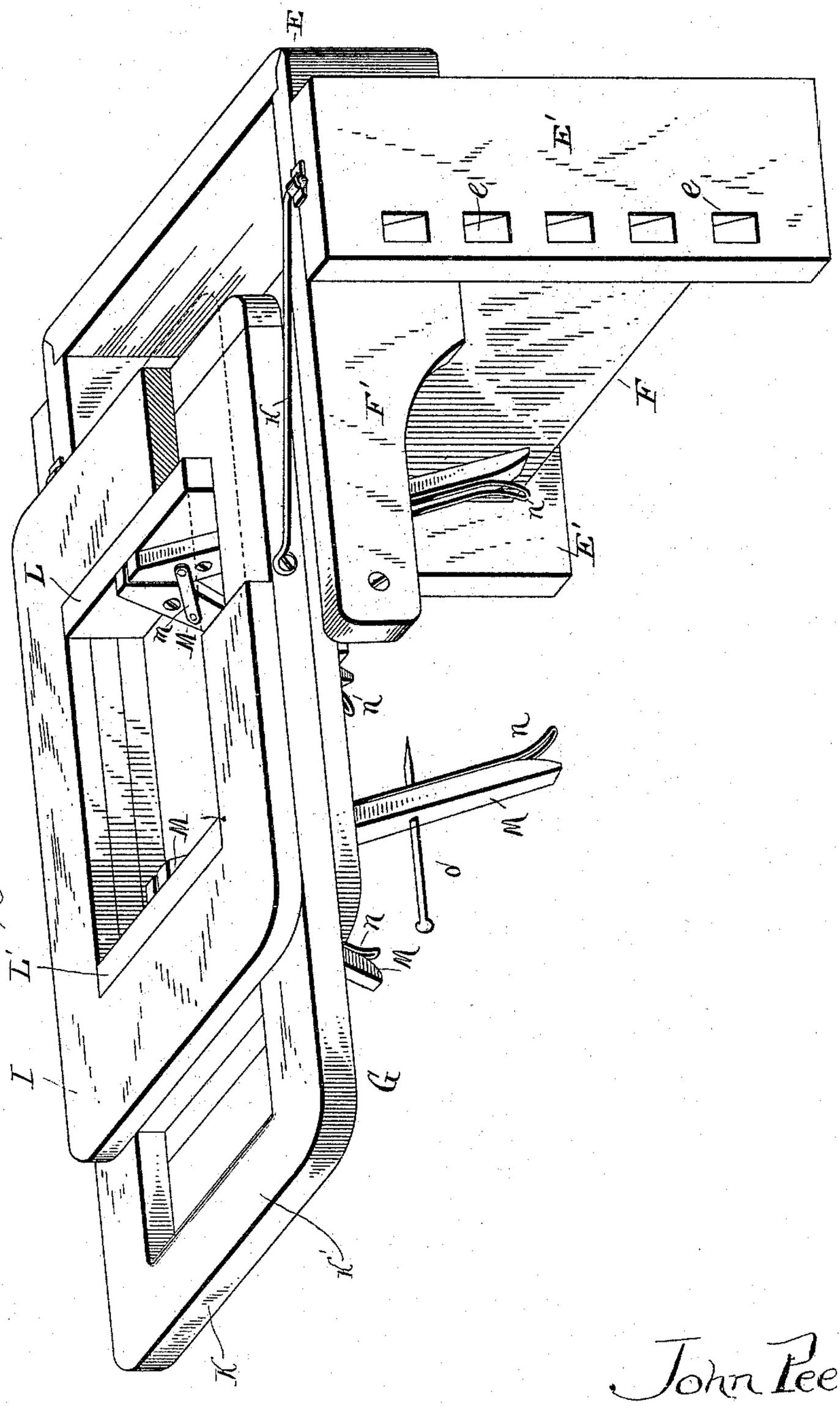

Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

JOHN PEER, OF CLAREMONT, ILLINOIS.

DEVICE FOR HOLDING BAGS.

SPECIFICATION forming part of Letters Patent No. 488,449, dated December 20, 1892.

Application filed July 28, 1892. Serial No. 441,504. (No model.)

To all whom it may concern:

Be it known that I, JOHN PEER, a citizen of the United States of America, residing at Claremont, in the county of Richland and State of Illinois, have invented certain new and useful Improvements in Devices for Holding Bags; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in bag holders.

The object of the invention is to provide a device for store-keepers' use, by means of which bags may be held in a convenient and accessible position; said device also being provided with means for holding a bag while it is being filled from a hopper located above the same; and the invention consists in the construction and combination of the parts, as will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawings forming part of this specification: Figure 1 is a side elevation of a bag holder constructed in accordance with my invention. Fig. 2 is a rear elevation. Fig. 3 is a vertical sectional view showing the parts arranged in position for placing a bag upon the holders located beneath the hopper. Fig. 4 is a sectional view through the line *x*—*x* of Fig. 3. Fig. 5 is a detail perspective view of a part of the mechanism which supports the hopper and arms of the bag holder.

A designates the main frame, which consists preferably of a base *a* and vertical side pieces A′, said side pieces being provided on their inner sides at each edge with strips *a*′, and are connected to each other at their upper ends by a cross-piece B, to which is attached a block B′ carrying bent bars C. The upper end portions of these bars C are bent in triangular form and are adapted to contact with the cross-piece B near its ends, while the horizontal portions extending from the triangles rest upon and are attached to the block B′, beyond which they are bent downward and provided with hooked ends to receive a helical spring. The tendency of this spring is to draw the ends of the bars toward each other, which will force the outer end of each triangle against the cross piece B, so that bags placed between the same will be held. The outer sides of the uprights A′ are also provided with blocks or extensions B^2 to which are attached bent bars C′, similar in construction to the bars C, the base of each triangle bearing against one of the side pieces under the action of the helical spring connecting the rearwardly bent ends of the bars as shown. The paper bags are placed between the triangles and side pieces when it is desired to support them in an accessible position.

Between the uprights A′ A′ is secured a vertically movable frame E, which consists of side pieces E′ which lie between the strips *a*′ and against the uprights, and one of the side pieces is provided with recesses or indentations *e* with which a spring catch *e*′ carried by one of the uprights is adapted to engage to maintain the vertically movable frame E at such height as may be desired. The side pieces of the vertically movable frame are connected to each other by a transverse board F, and said side pieces also carry extended portions F′ to which a frame G is pivotally secured. This frame carries a hopper H, which is rigidly attached to a board or platform I having a central aperture and recessed sides in which moves a sliding open frame K, said sliding frame being connected to the movable frame E by rods *k k* which are pivoted to the sides of the open frame and adjacent to the upper ends of the side pieces E′ of the movable frame.

The sliding frame K is provided at one end within the aperture of the swinging frame with a cross bar L to which is pivoted arms M M, said arms being connected to each other by a link *m*, the ends of which are pivoted one above and the other below the pivots which secure the arms M M to the cross-piece L, so that these arms when expanded or spread will move in unison. The arms M M also carry spring plates or bars *n*, the lower ends of which are bent outwardly or away from the ends of the arms, which are curved in an opposite direction. Arms of similar construction are also attached in a similar manner to

a cross-bar L′ carried by the pivoted frame. One of the arms carries a pin *o* which is adapted to engage with an aperture in the arm opposite thereto, and when the pin is in engagement with the aperture it will be noted that the arms can be swung in or out upon their pivots in unison.

In operation, when it is desired to place a bag in a position to be filled, said bag may be removed from one of the holders and the pivoted frame is swung to the vertical position shown in Fig. 3 of the drawings, and the arms M moved so as to lie comparatively close to each other; the mouth of the bag is then passed between the arms and spring clamps carried thereby, and by grasping the pin *o* the arms may be swung outwardly upon their pivots so as to retain the bag thereon. By grasping the cross-bar *k′* of the sliding frame the pivoted frame can be swung to a horizontal position, and as it is lowered the rods *k* will draw upon the sliding frame and cause the cross-bar L to be moved away from the cross-bar L′, thus separating the arms M which support the bag. The movable frame E can be adjusted so that the bottom of the bag will rest upon the base *a*, and the bag can then be filled through the hopper.

It will be noted that by means of this device the pivoted frame can be swung vertically so that the bag can be easily and readily placed between the arms M and the spring holders *n*, and that when said pivoted frame is swung to a horizontal position the arms will be separated so as to hold the bag securely in place, and if said arms have been more than necessarily expanded they will be moved upon their pivots to a proper position.

This device is intended principally for grocers' use, or for the use of such persons that have to handle a large number of paper bags, and it is obvious that it may be used for filling bags with flour, grain, or other material.

Having thus described my invention, what I claim as new, and desire to secure by Letters-Patent, is:

1. In a bag holder, the combination of a suitably constructed supporting frame, bars bent to provide a transverse portion which is adapted to move toward the rigid portion of the frame, cross-pieces pivoted to the rigid frame, and terminal portions having hooks with which a helical spring engages, substantially as shown, and for the purpose set forth.

2. In a bag holder, the combination of a pivoted frame having arms carried by a rigid portion thereof, a slide carrying similar arms, whereby the bag holder arms can be moved toward and away from each other, substantially as shown, and for the purpose set forth.

3. In a bag holder, the combination of a vertically movable frame E having outwardly projecting arms or supports, a frame pivotally attached thereto, said frame carrying a slide with bag supporting arms, similar arms being also carried by the pivoted frame, substantially as shown, and for the purpose set forth.

4. In a bag holder, the combination of a main frame A having uprights A′, a vertically adjustable frame supported between said uprights, a frame carrying a hopper, and a pair of bag supporting arms, a sliding frame also carrying bag supporting arms, said frame being connected to the frame E by rods *k*, substantially as shown, and for the purpose set forth.

5. In a bag holder, the combination of a pivoted frame having a central opening and a slide, of arms M M having spring holders *n*, the arms being pivoted within the opening and to the slide, links connecting each pair of arms, said links being attached to one pair of said arms above and below their pivots, the ends of the arms adjacent to the links being beveled, substantially as shown, and for the purpose set forth.

6. In a bag holder, the combination of a pivoted frame grooved for the reception of a slide, said slide having a cross-bar L to which are pivoted bag supporting arms M, similar arms secured to the pivoted frame, a hopper secured above the opening in the pivoted frame, and a rod *k* pivotally attached to the slide and to the support for the pivoted frame, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN PEER.

Witnesses:
GEORGE W. STOCKWELL,
JOHN T. MOORHEAD.