

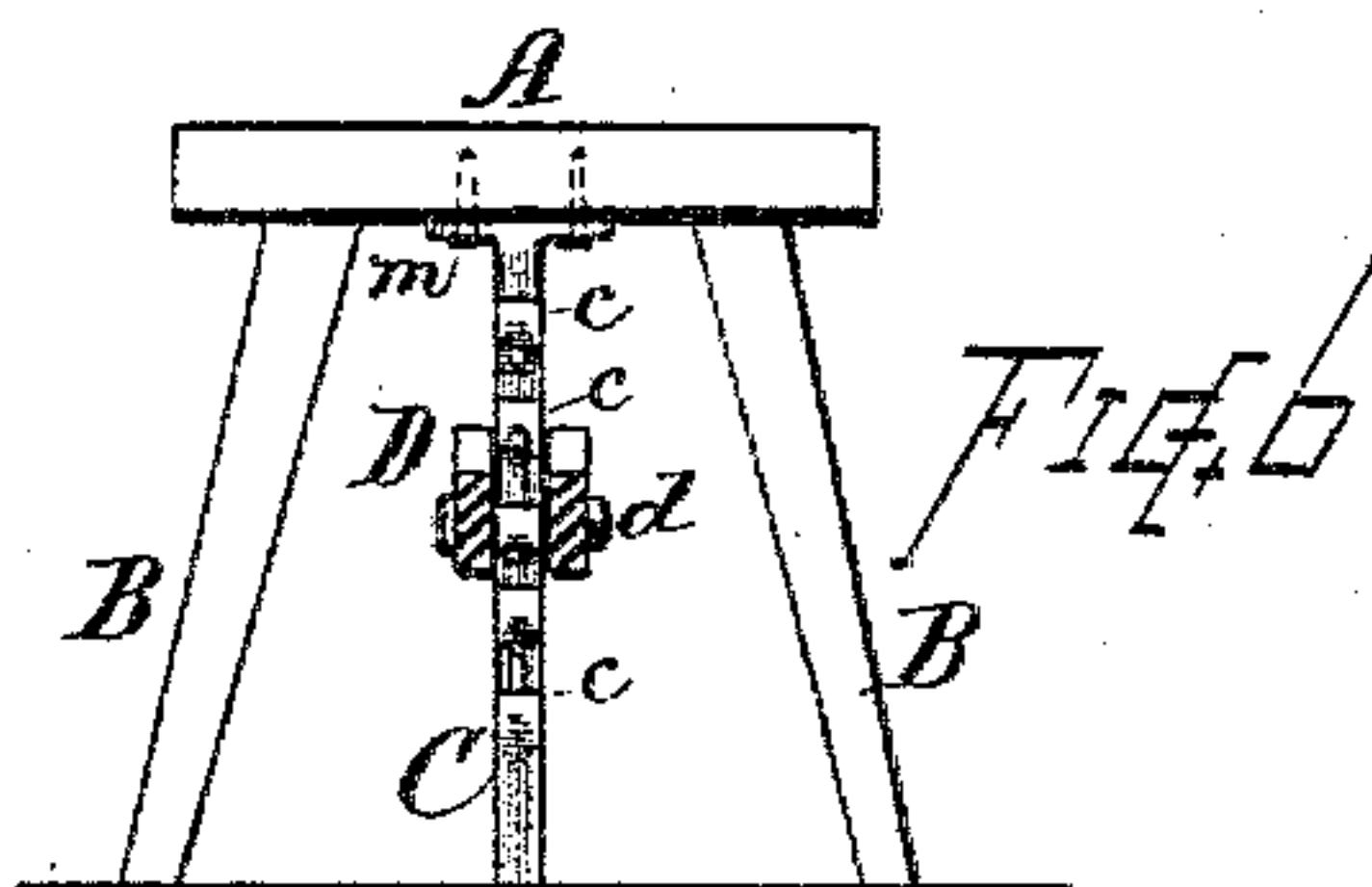
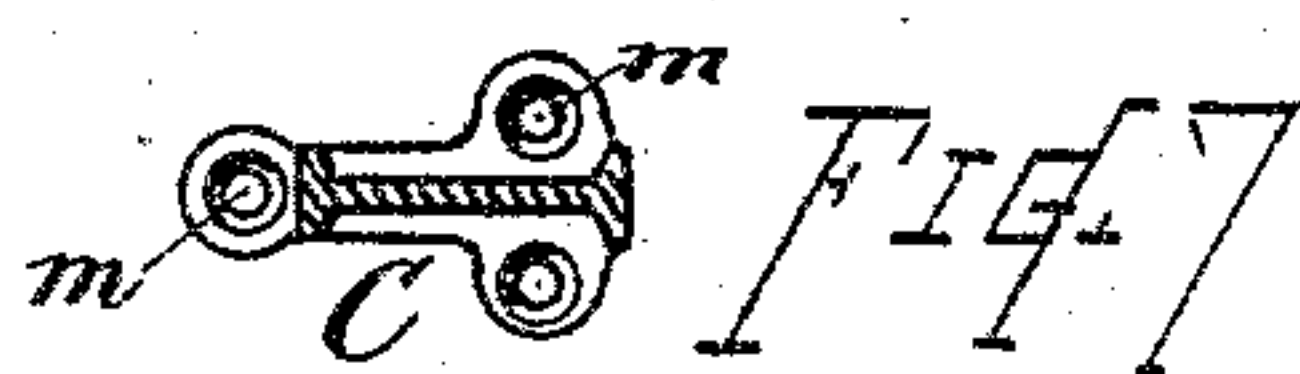
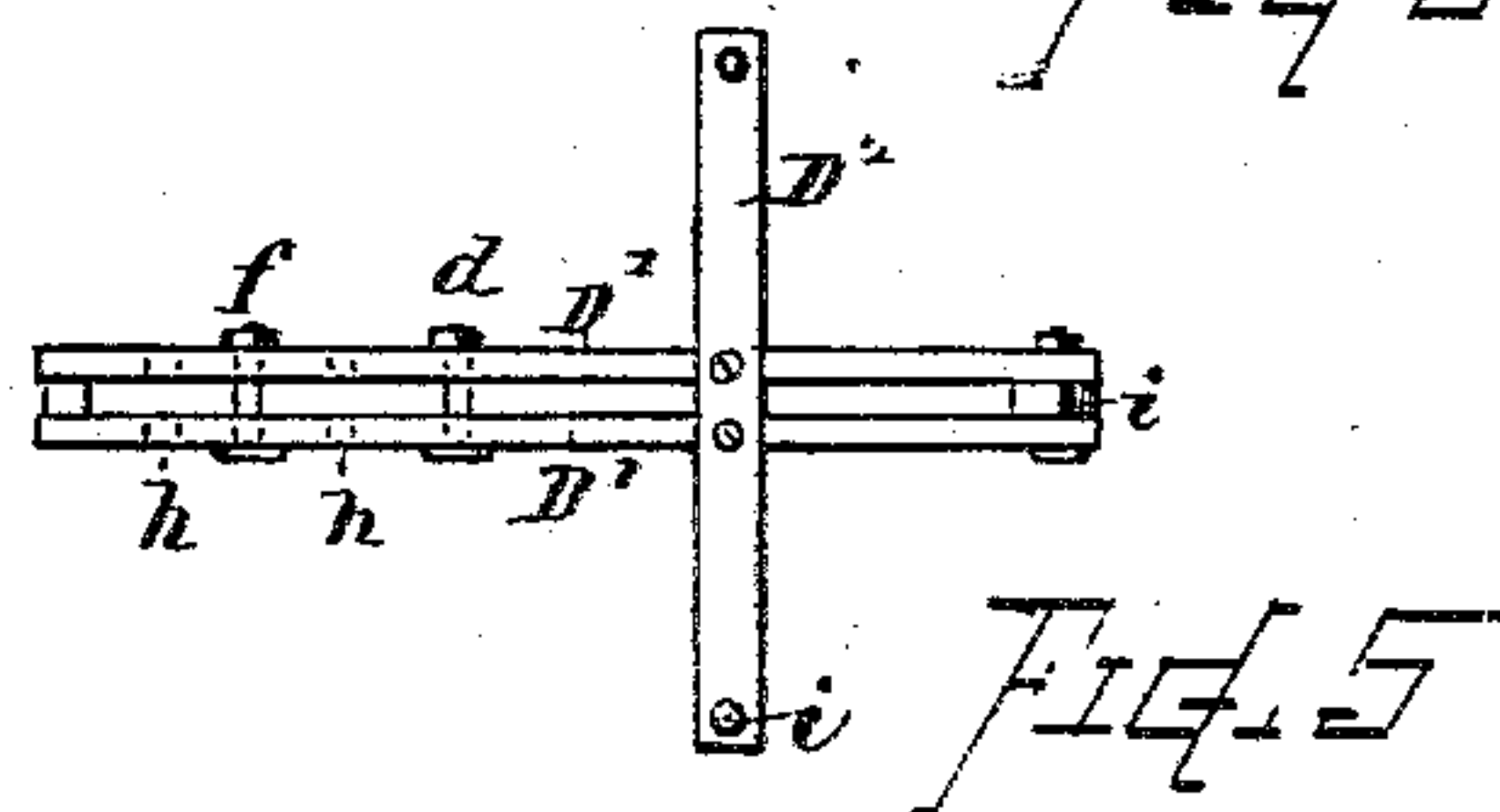
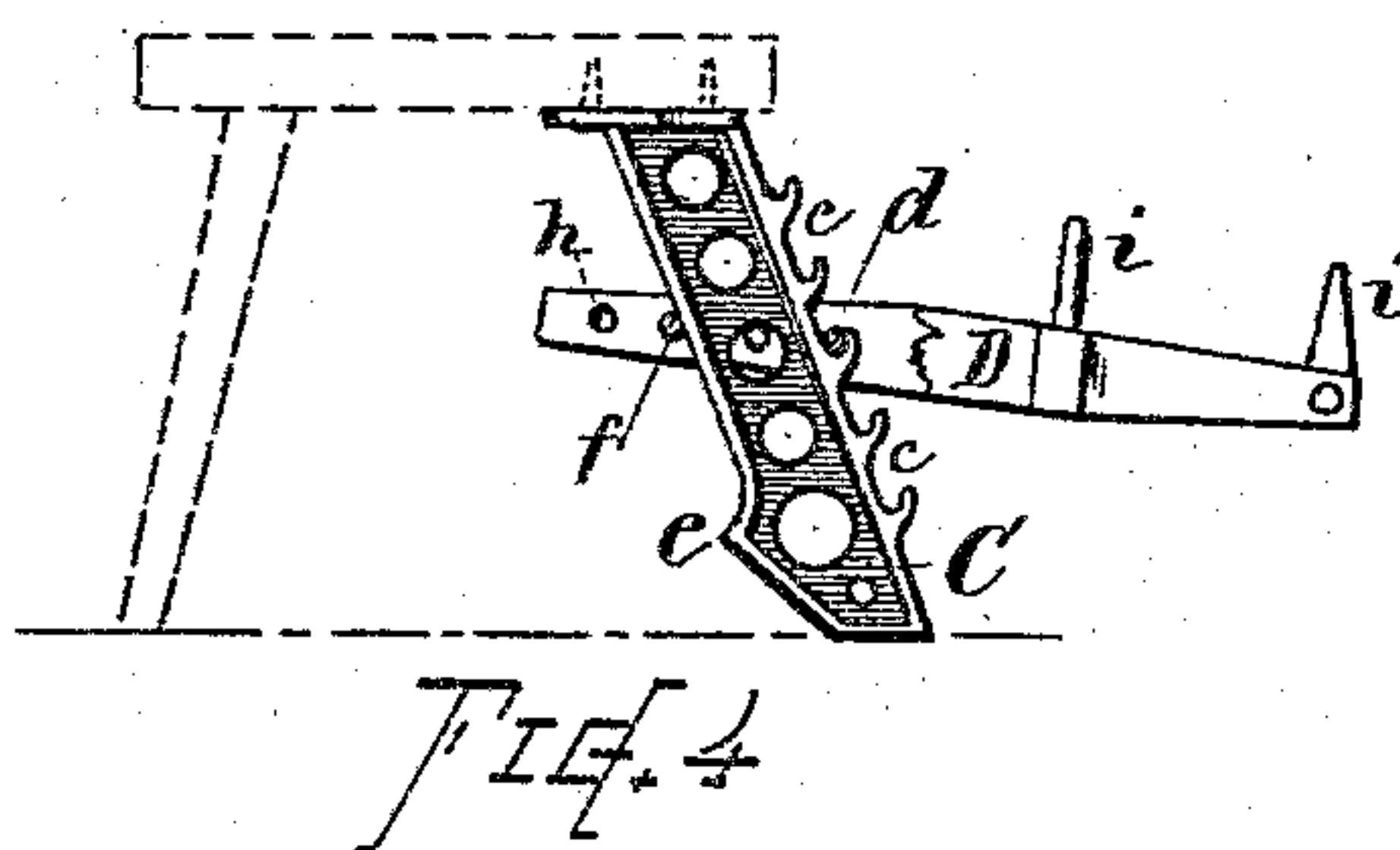
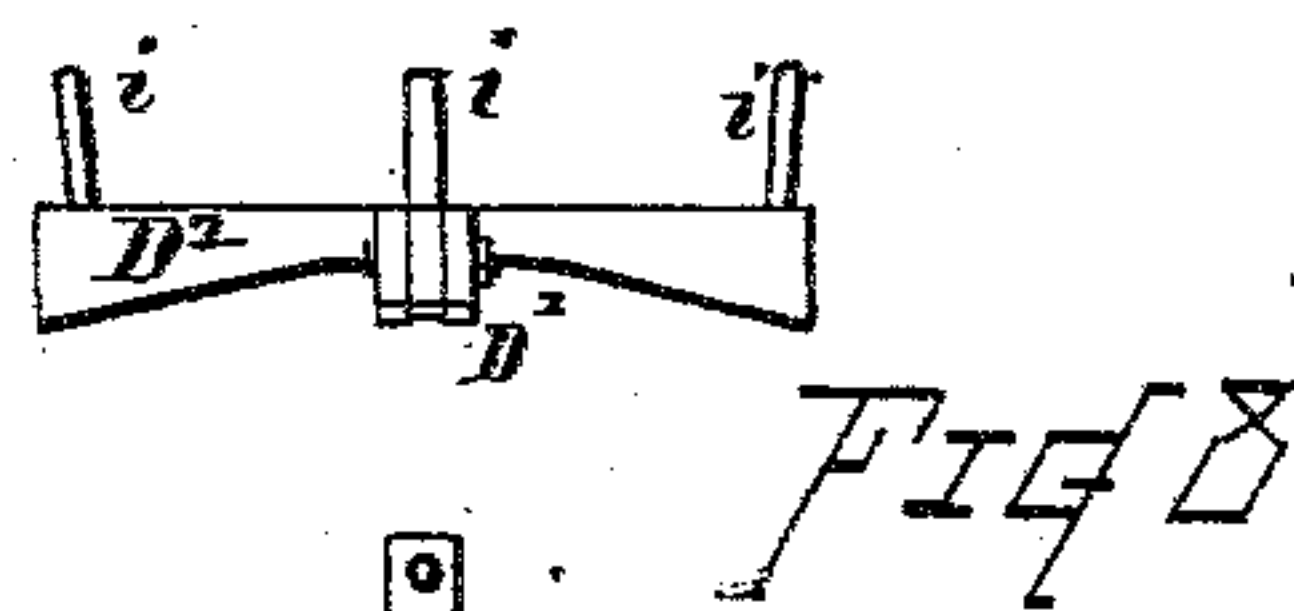
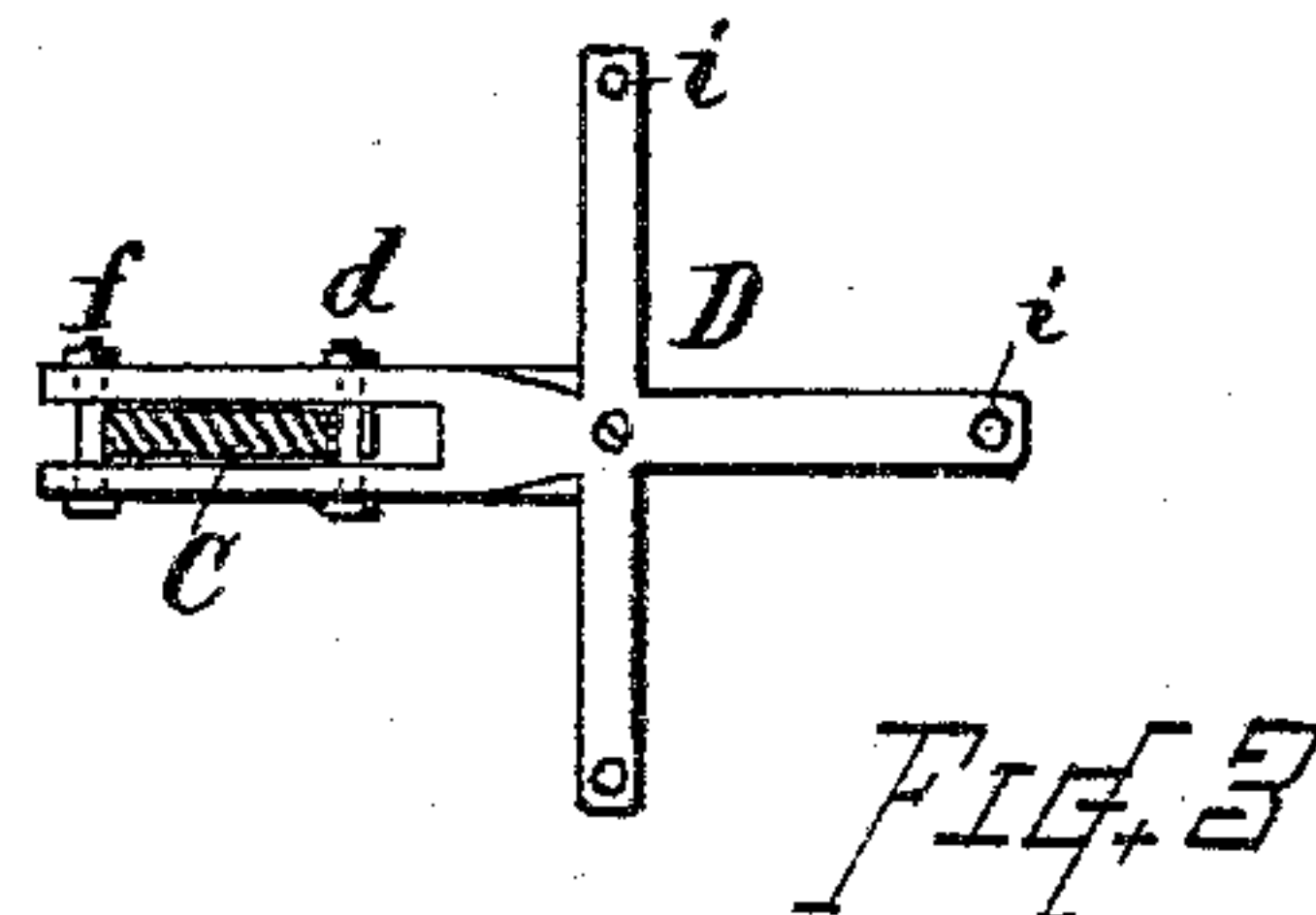
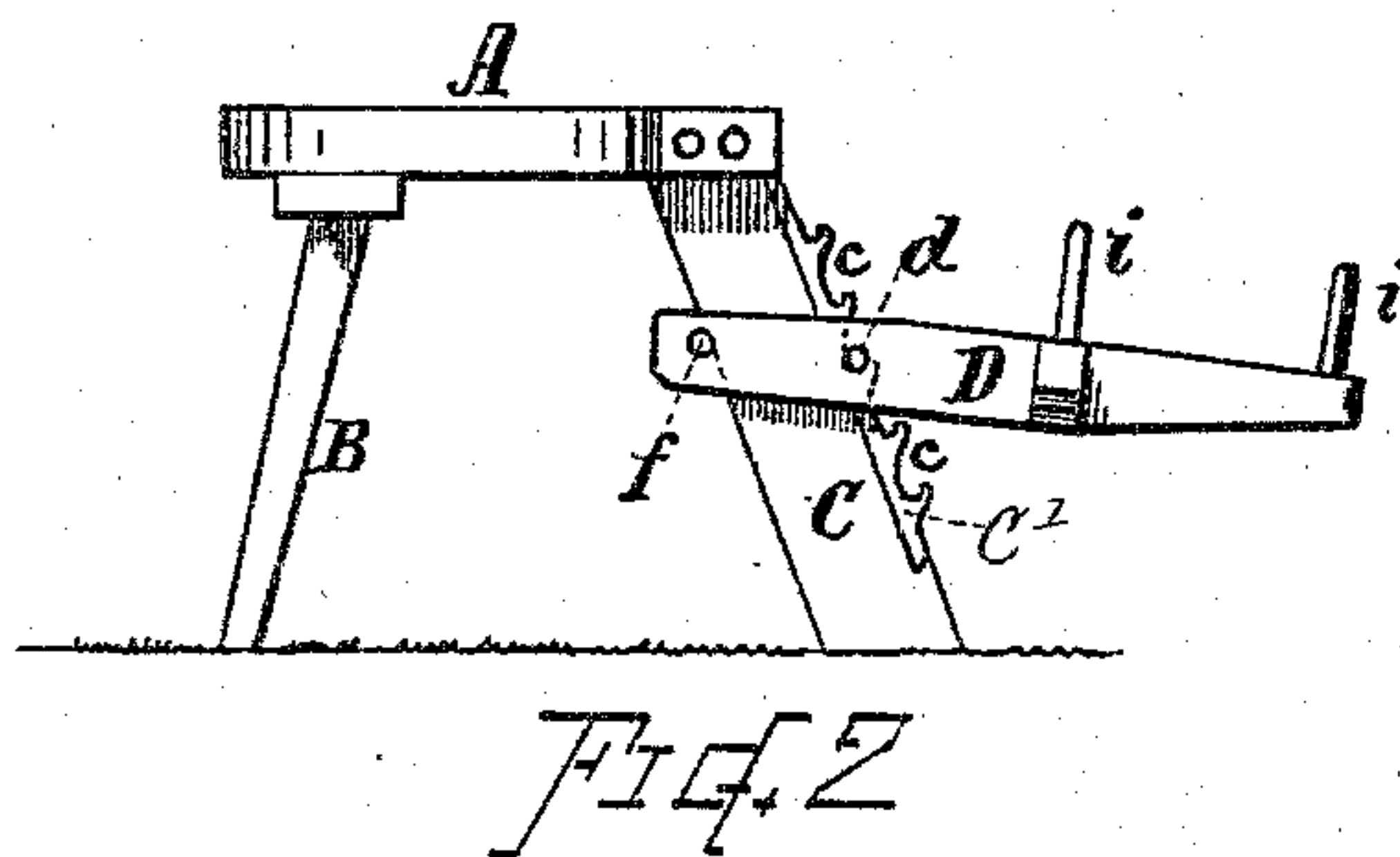
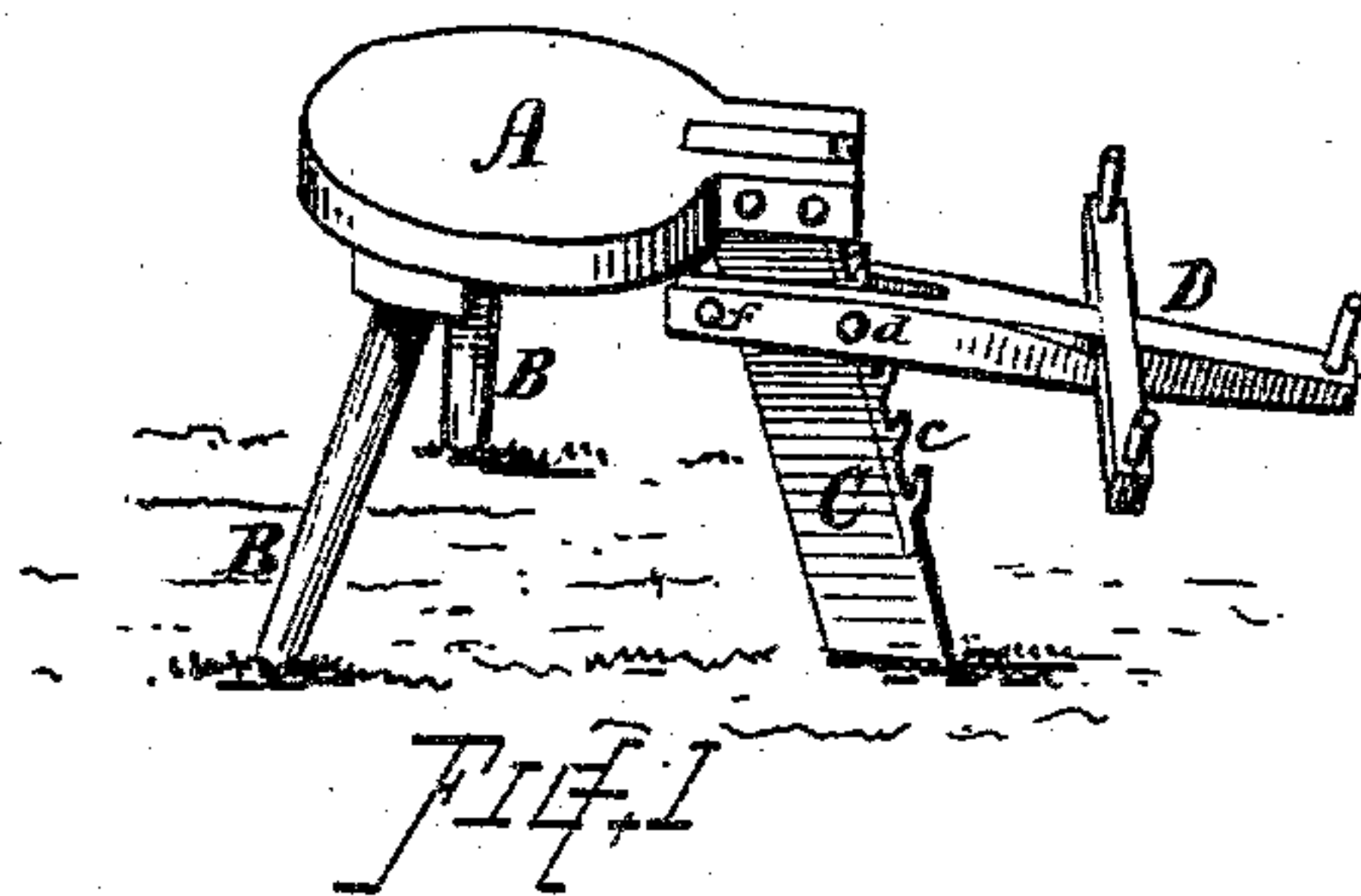
(No Model.)

S. P. PERRY.

MILKING STOOL.

No. 287,958.

Patented Nov. 6, 1883.



WITNESSES.

W. R. Barton
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INVENTOR.

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UNITED STATES PATENT OFFICE.

SAMUEL P. PERRY, OF AUBURN, MASSACHUSETTS.

MILKING-STOOL.

SPECIFICATION forming part of Letters Patent No. 287,957, dated November 6, 1883.

Application filed May 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL P. PERRY, of Auburn, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Milking-Stools; and I declare the following to be a description of my said invention sufficiently full, clear, and exact to enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

The objects of my present invention are to provide a milking-stool with a pail-holding attachment of improved construction that can be conveniently and quickly adjusted to any required height; also, to provide a pail-holding attachment for milking-stools that can be cheaply manufactured and conveniently applied to the stool. These objects I attain by mechanism the nature of which is hereinafter fully described.

In the drawings, Figure 1 is a perspective view of my improved milking-stool. Fig. 2 is a side view of the same. Fig. 3 is a plan view of the pail-holder shown separate from the stool. Fig. 4 shows a view of the support-piece as made of metal and adapted for attachment to an ordinary milking-stool. Fig. 5 shows a plan of the pail-holder in somewhat modified construction. Fig. 6 is a front view, the pail-holder being in section. Fig. 7 is a horizontal section of the metal support-piece, showing the head and screw-holes for attaching it to the under side of the stool-seat. Fig. 8 is a front end view of the pail-holder separate from the stool.

In the drawings, A denotes the seat, B the legs, C the supporting-piece, which may also serve as a leg, and D the pail-holder. The seat A may be of any desired form, and may be provided with two or more legs, B. From the front of the stool-seat A, and extending downward in a forwardly-inclined position, substantially as indicated, is the leg or support C, which is provided with a series of offsets, lugs, or notches, *c*, (preferably formed or cast in metal, although, if desired, they could be cut in wood,) upon which the pail-holder D is sustained and adjusted. The pail-holder D is made to embrace the leg or support C, substantially as indicated, and is provided with a transverse bolt or bar, *d*, that engages one of the notches *c* on the front of the support C, said

notch serving as a fulcrum-bearing, and with a second bar or lug, *f*, that rests against the back of the support C, so that the pail-holder is held in position by cramping action, the weight and leverage of the longer end of the pail-holder arm D and the weight of the pail thereon acting to cramp the bars *d* and *f* against the front and rear of the support C and securely sustain the parts at any particular notch *c* on which the bar *d* may be placed, the pail-holder occupying a position in relation to the seat A as shown. By raising up the forward end of the pail-holder D the bar *d* can be readily adjusted to either of the lugs or notches *c*, so that a milking-pail placed on the outer end of said holder D may be supported at the proper height to suit the particular animal to be milked.

The support-piece C can be formed of wood secured to or framed into the seat A, or a leg, (see Figs. 1 and 2,) and notched along its front, or, if desired, provided with a metal notch-strip, *c'*, attached to its forward edge; or it may be made of metal, (preferably malleable iron,) and cast integral with its notches *c*, as shown in Figs. 4, 6, and 7, and with a flat head-plate provided with screw-holes *m*, or other suitable means whereby it can be readily attached to the seat A in equivalent manner. This latter form of metal support-piece C and the pail-holder D can be manufactured and sold separately, if desired, for attachment to ordinary stools to be made by the farmers or to stools now in use. The rear of the support-piece may be provided with a stud or projection, *e*, to prevent the pail-holder from dropping off at the lower end thereof in case it becomes freed from the notches *c* when handling the stool.

The support-piece C, as here shown, serves as one leg for the stool; but if applied to a stool having a sufficient number of legs it could be made shorter, if desired.

The pail-holder D, I make as a cross, with a recessed or bifurcated end for embracing the support C, and with pins *i*, for retaining the pail in position. It is preferably made, as in Figs. 5 and 8, with two long side strips, D', and a cross-bar, D², secured to them, as shown. Additional holes *h* may be formed through the bars, into which to change the bolts *d* *f*, to give a longer or shorter projection of the pail-holder to the front of the seat, if required.

If desired, lugs or recesses can be arranged at the sides or along the rear part of the support-piece C, for sustaining the rear end of the pail-holder arm, in lieu of the bar *f*, resting
5 against the plain edge of the bracket; or, again, the parts could be formed so that the pail-holder arm would pass into or through the support, in lieu of the support passing through the pail-holder arm, without departure from
10 the nature of my invention. I prefer, however, the form shown and described.

It will be understood that I do not here intend to make claim, broadly, to an adjustable pail-holder, irrespective of the construction
15 and adaptation of the devices to use, as I am aware that certain kinds of adjustable pail-holders have heretofore been employed for milking-stools.

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

1. A milking-stool provided with a leg beneath the seat having a series of lugs or notches, in combination with a pail-holding attachment supported in the manner shown by the
25 leg, any one of the lugs or notches of which is

adapted to serve as a fulcrum-bearing for said attachment, substantially as set forth.

2. The milking-stool leg or support C, adapted for attachment to the seat A, as shown, and provided with a series of offsets, lugs, or notches for sustaining a pail-holder, D, connected
30 with said leg, substantially as described.

3. The support C, having a series of offsets, lugs, or notches, *c*, and the backward projection *e*, in combination with the pail-holder D,
35 having the bars *d* and *f*, as and for the purpose set forth.

4. In a milking-stool, the combination of the seat A, the support C, having a series of offsets, lugs, or notches, *c*, and the pail-holder
40 D, provided with the bolts *d* and *f*, whereby said pail-holder is capable of adjustment in connection with said support, as set forth.

Witness my hand this 9th day of May, A. D. 1883.

SAMUEL P. PERRY.

Witnesses:

J. WALTER SMITH,
CHAS. H. BURLEIGH.