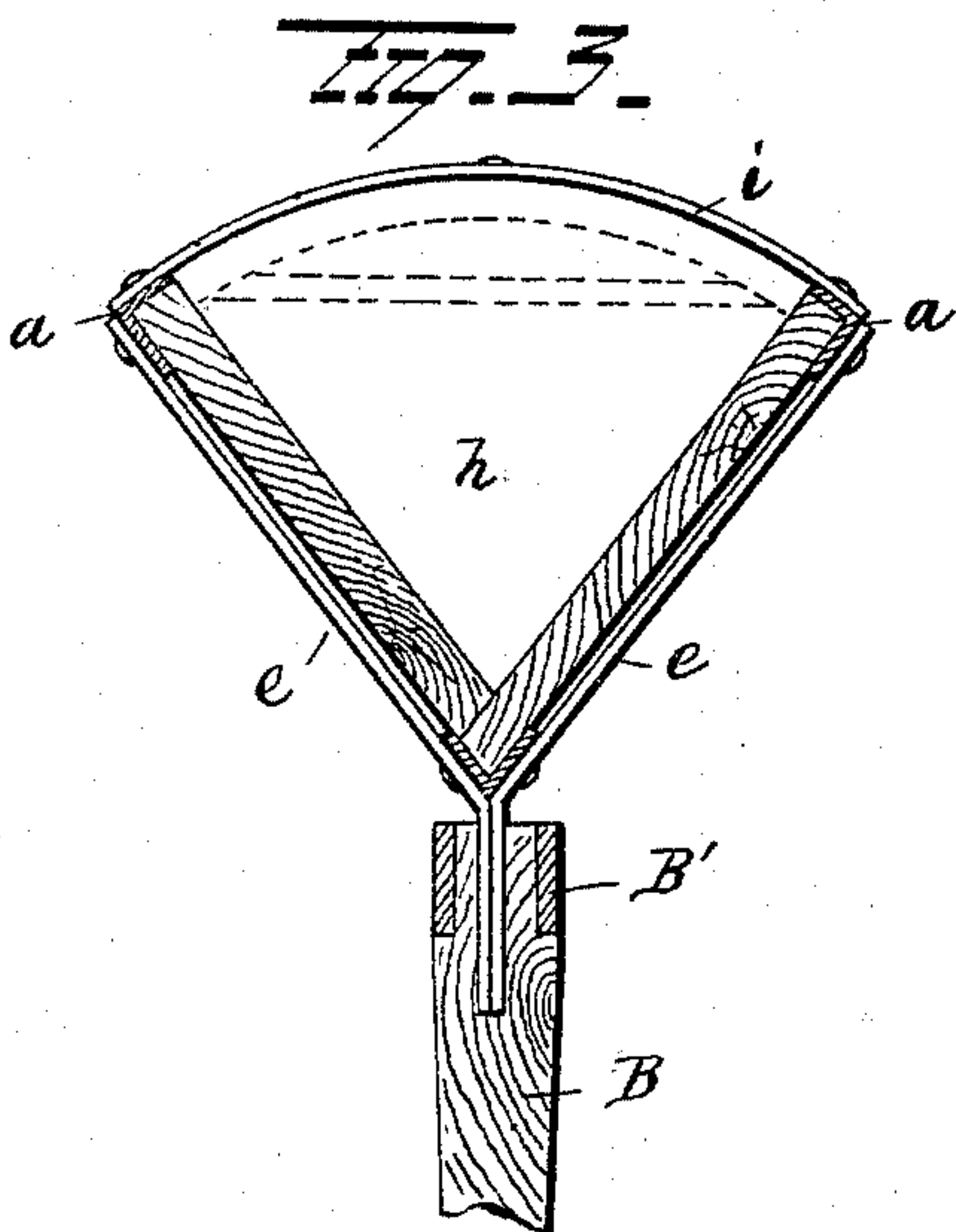
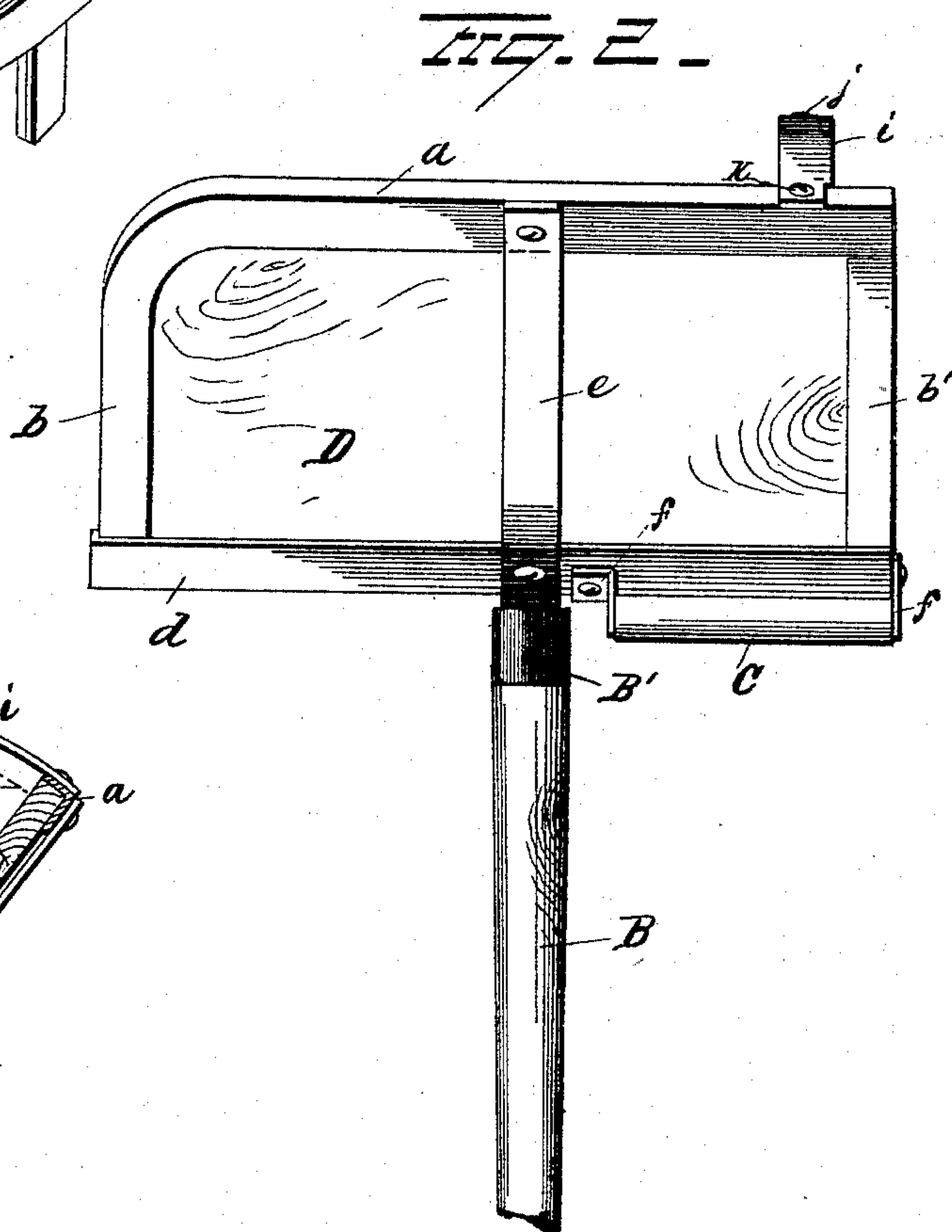
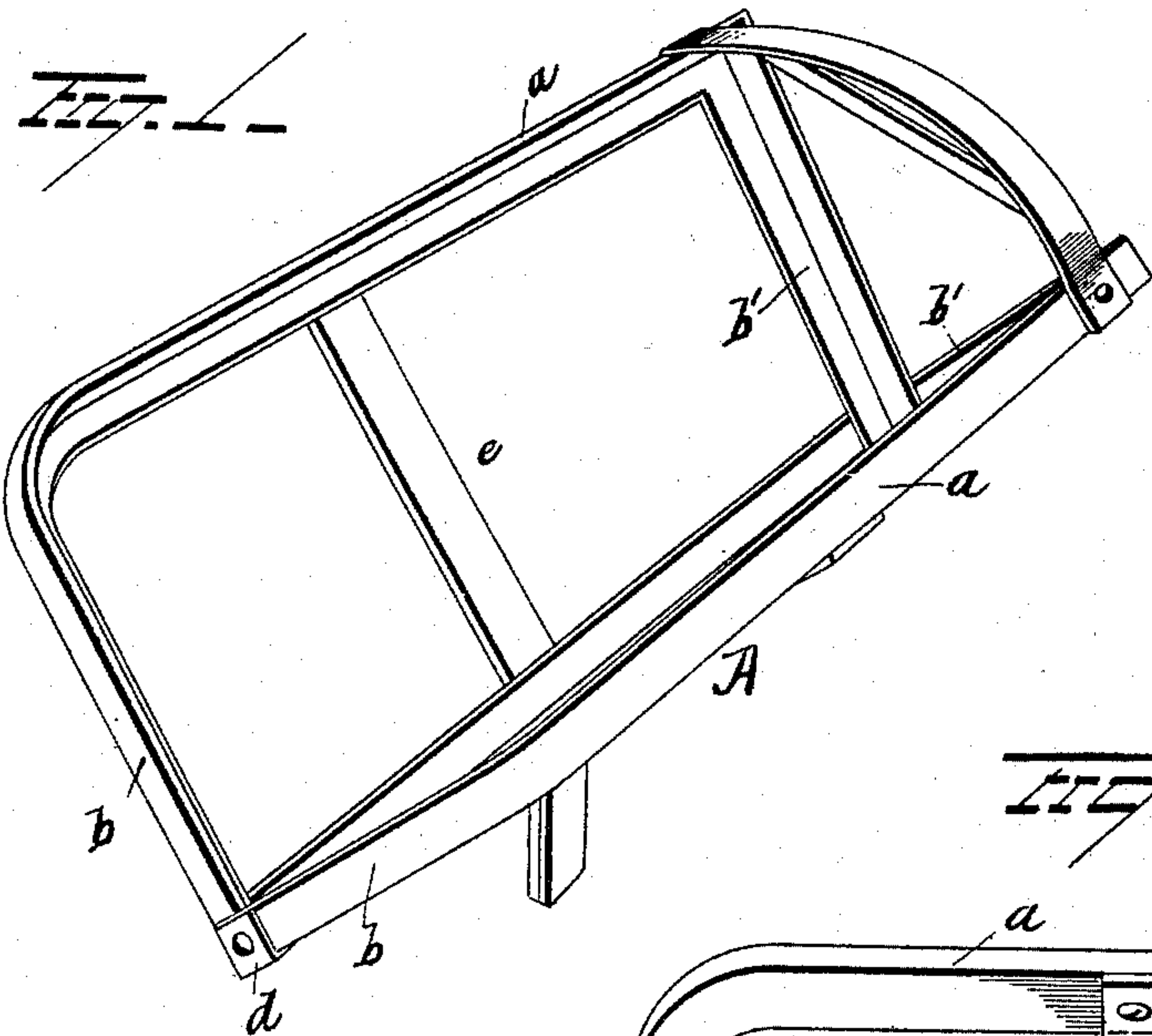


(No Model.)

M. D. HURLEY.
HOD.

No. 496,940.

Patented May 9, 1893.



Witnesses
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UNITED STATES PATENT OFFICE.

MICHAEL D. HURLEY, OF CHICAGO, ILLINOIS.

HOD.

SPECIFICATION forming part of Letters Patent No. 496,940, dated May 9, 1893.

Application filed September 8, 1891. Serial No. 405,086. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL D. HURLEY, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hods; and I do hereby 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.

My invention relates to an improvement in hods for carrying mortar and similar material, its object being to produce a hod for this purpose, which shall be of simple construction, cheap to manufacture, light in weight and effectual in the performance of its functions.

A further object is to produce a hod which will not leak, nor be likely to become battered on its edges and back; one which will retain its proper shape, and be very durable.

A further object is to construct a frame for a hod, in such manner that the body, when worn, may be removed and replaced by a new one, and so that the hod may be easily and quickly repaired.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of my improved hod frame. Fig. 2 is a view of the hod complete. Fig. 3 is a sectional view.

A represents a frame composed of angle iron, and comprising upper irons *a, a*, and end irons *b, b, b',* and *b',* and bottom iron *d*,—the latter being V-shaped in cross section while the other irons are right-angular in cross section. The end angle irons *b, b*, are curved to conform to the curved corners of the end boards of a hod. If desired the upper irons and end irons *b, b*, may be made of single pieces, or they may be made in two pieces and secured together. The same may be said of the end irons *b', b'*. The lower ends of each pair of end irons *b, b, b', b'*, are riveted or otherwise secured to the ends of the bottom iron *d*. Riveted or otherwise secured at their upper ends to the upper irons *a, a*, at points midway

between their ends, are irons or braces *e*,—said irons or braces being secured at their lower ends to the bottom angle iron *d*. The irons or braces *e* extend below their connection with the bottom angle iron *d* and are adapted to enter a wooden handle *B*, and encircling the latter at its upper end, is a ferrule or band *B'*. Riveted to the bottom angle iron *d* are ears *f*, to which a pad or shoulder piece *C* is secured, preferably by means of screws. In manufacturing this frame, it is formed and bent over an iron form or hod of the desired size, and the parts riveted together. The sides *D* of the body are preferably made of wood fiber and paper, or in some cases it may be desired to make the body of wood, employing thin boards. When thin boards are employed they will preferably be covered with a suitable waterproof varnish. The body of the hod, comprising the sides *D* and end-board *h*, is first made complete and then placed in the angle iron frame and may be secured by means of screws. A curved angle iron *i* is placed on the curved upper edge of the end board and secured by means of a screw *j* at or near its center. The angle iron *i* is also secured at its ends by means of screws *k*, which pass through the ends of said irons, through the irons and into the body of the hod. A hod constructed as above described is cheap to manufacture, is light in weight, not liable to leak, and its edges will be protected from injury. The body portion of the hod may be removed when injured and a new body inserted in the same frame.

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

1. A skeleton frame for hods composed of upper irons, end irons and bottom iron connected together in the general shape or outline of a hod, substantially as set forth.

2. As an article of manufacture, a hod comprising a metal frame forming a skeleton or outline for the body of the hod, a handle to which this frame is secured, and sides and end constituting the body portion of the hod bounded by said frame.

3. As an article of manufacture, a hod com-

prising a skeleton frame of angle iron made
in the general outline of a hod and adapted
to bound the body thereof, a body portion
consisting of sides and end, fitted in this
5 skeleton frame of angle iron, and a handle to
which the frame is secured, substantially as
set forth.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

MICHAEL D. HURLEY.

Witnesses:

CHARLEY FANGJAHN,
J. F. CHRISTIN.