

(No Model.)

R. H. HOSEA.  
HAND NET FRAME.

No. 273,279.

Patented Mar. 6, 1883.

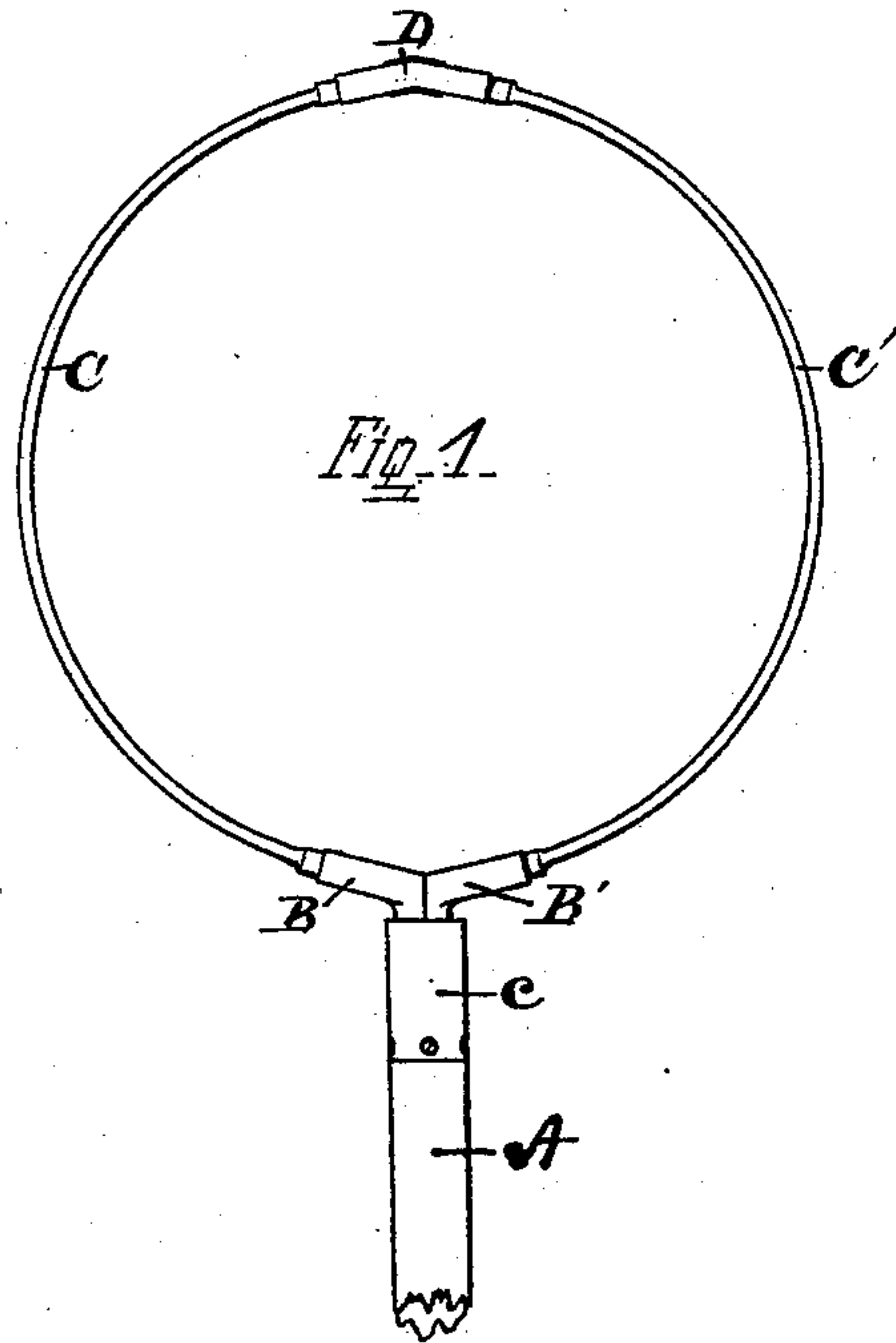


Fig. 1.

Fig. 5.

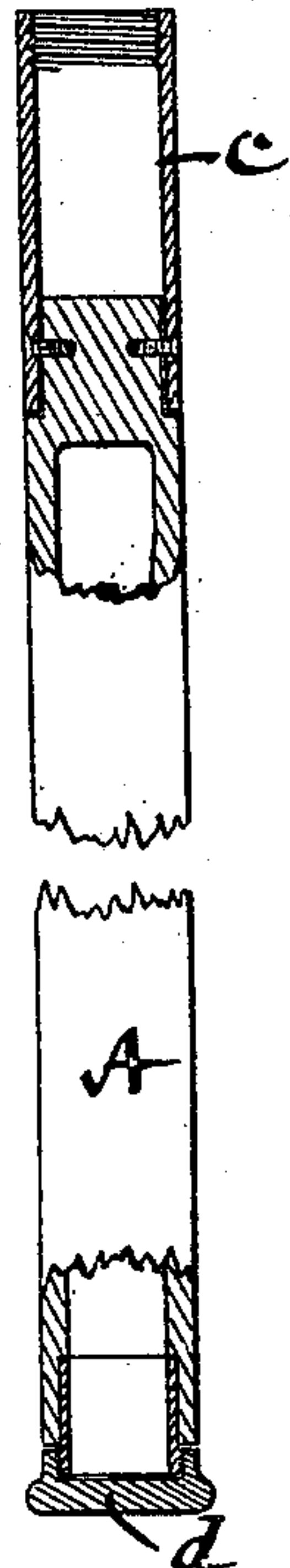


Fig. 2.

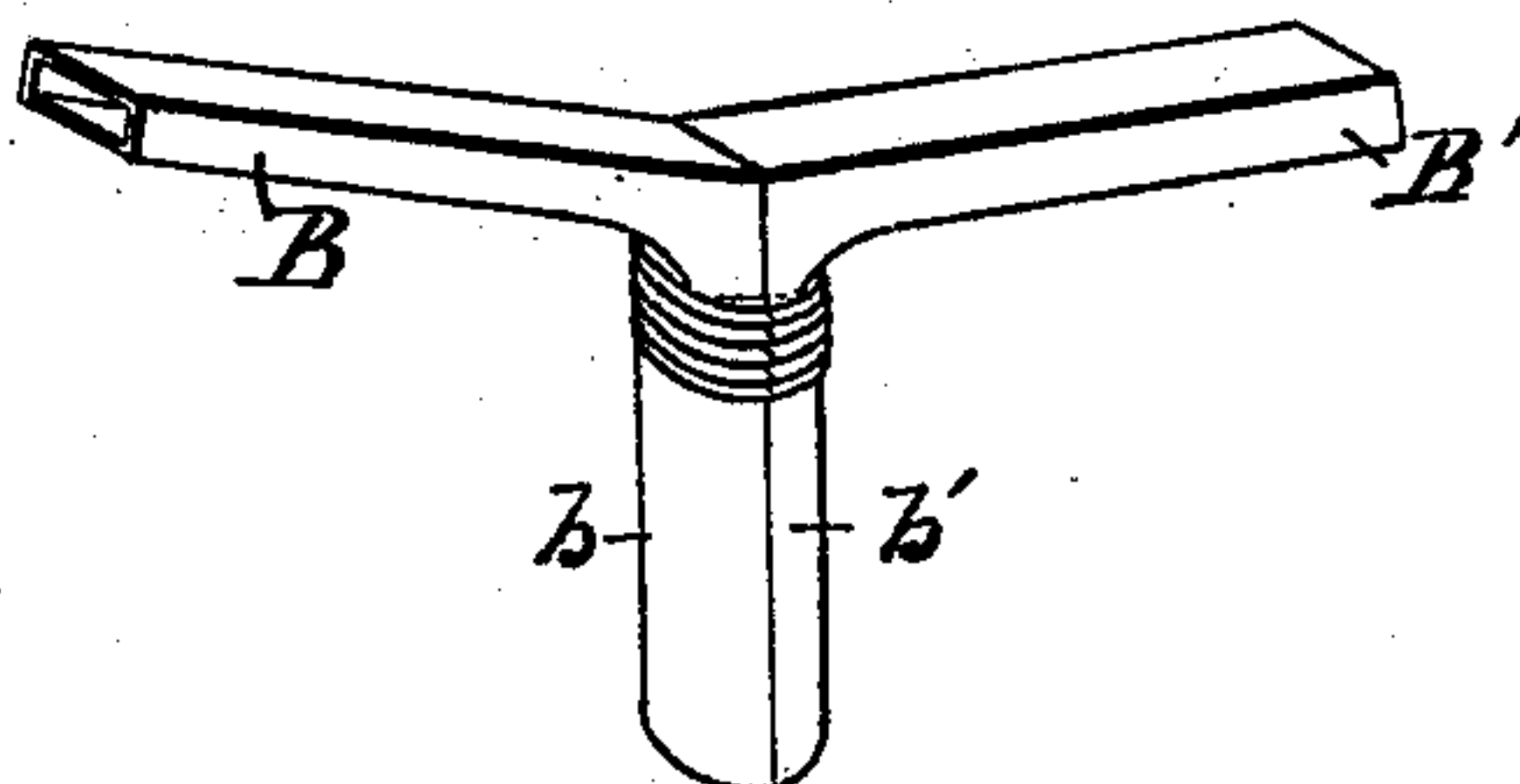
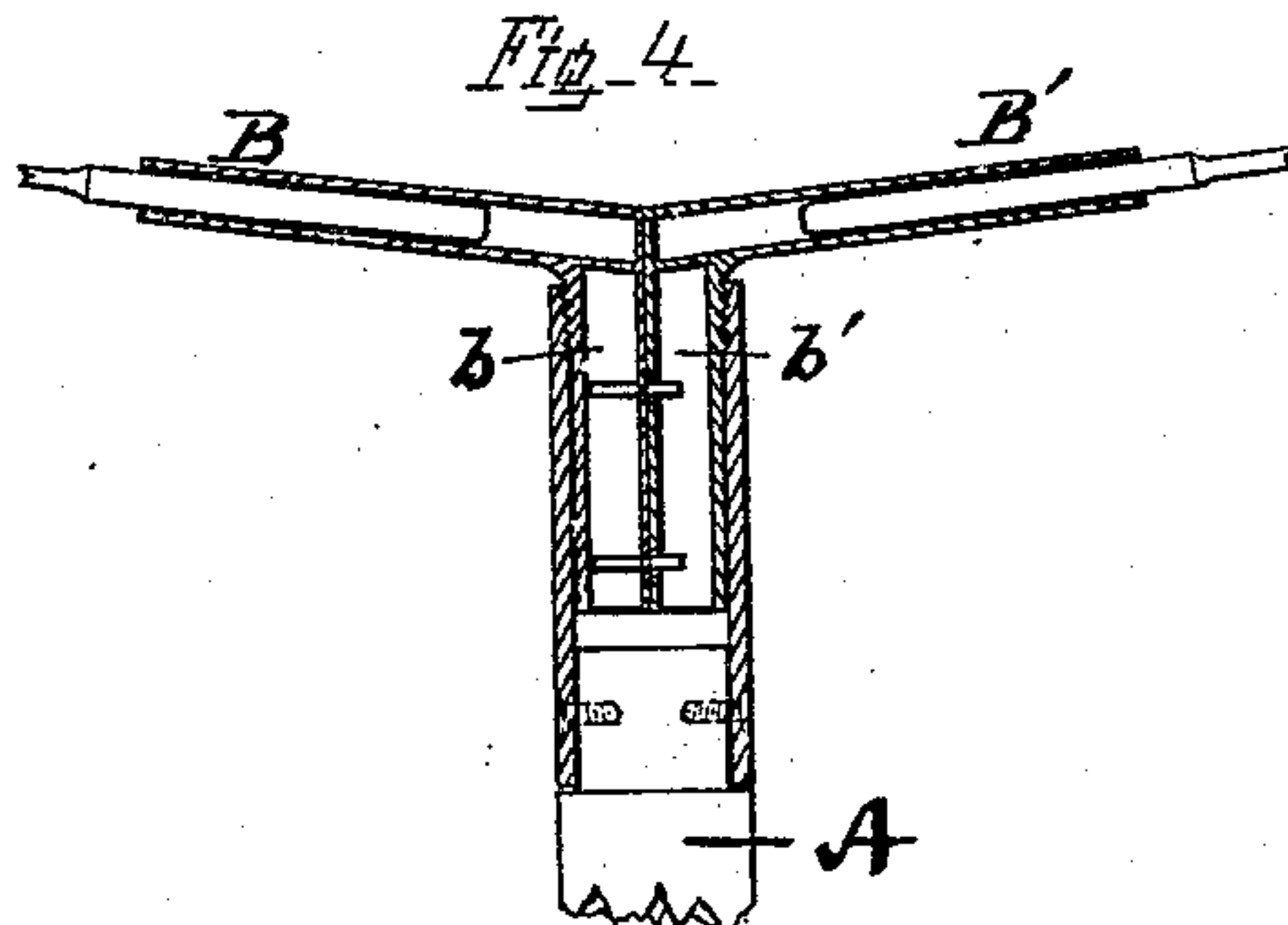


Fig. 3.



Fig. 4.



Attest  
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# UNITED STATES PATENT OFFICE.

ROBERT H. HOSEA, OF CINCINNATI, OHIO.

## HAND-NET FRAME.

SPECIFICATION forming part of Letters Patent No. 273,279, dated March 6, 1883.

Application filed September 7, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT H. HOSEA, a citizen of the United States, residing at Cincinnati, Ohio, have invented new and useful Improvements in Frames for Hand-Nets, of which the following is a specification.

My invention relates to hand-nets such as those used in fishing and for other purposes, its object being to improve their construction and usefulness in respect to the lightness, strength, and portability of the frame; and it consists in the construction of the frame, as hereinafter more fully set forth.

I have selected to illustrate my invention a "landing-net," commonly used by anglers in trout and bass fishing, and in the drawings herewith, in which the same is shown, Figure 1 is an elevation of the frame complete, excepting as to a portion of the handle; Fig. 2, an enlarged perspective view of the inner hoop-sockets separated from the handle, but placed together, ready for insertion into the handle; Fig. 3, a longitudinal cross-section of the outer socket-piece; Fig. 4, a longitudinal cross-section of the inner hoop-socket pieces and the handle in position for use; and Fig. 5, an elevation, partly sectional, of the handle.

The handle A, inner socket-pieces, B B', bows C C', and outer socket-piece D, constitute the members of my improved frame, which is designed to be light and strong in use and easily separated into the elements indicated for convenience of transportation. The bows C C' are pieces of hickory wood or other light, strong, and elastic material, preferably of rectangular or oval cross-section, having their shorter axes in the plane of the hoop formed by their union, an arrangement tending to give greater resistance against strains of weight in the net. The ends of the bows are formed to fit snugly, but removably, into the socket-pieces B B' D, the sockets of both being arranged to face outward, forming an angle with each other a little out of the true curve of the hoop, so that when the bows are inserted in the sockets and bent to form the circular hoop the "spring" of the bows will cause them to bind and be more firmly retained in the sockets, thus rendering binding-screws or other fastening unnecessary. The socket-pieces B B' are short tubes of metal, of rectangular or other cross-section, corresponding with the bows C C', meet-

ing end to end at a slight angle, as already described, and each united to a short semi-cylindrical section of tubing, b b', forming an elbow therewith. The sections b b', when in position, are placed with their flat sides together, and are retained against displacement by dowel-pins p. Corresponding portions of the cylindrical surfaces of the sections b b' are screw-threaded, to fit into and engage a similarly-provided ferrule, c, at the end of the handle A. By this mode of attachment the parts are securely held together and easily separated or replaced without the use of binding-screws or other fastenings.

The socket-piece D consists of two short sections of tubing similar to B B', but shorter and lighter, forming sockets for the bows, secured together at an angle, as described, into one piece, the ends of the bows being fitted to enter and be retained removably therein.

The handle A is preferably made hollow and furnished with a removable cap, d, the hollow portion constituting a receptacle for the "tips" of fishing-rods, the bows C C', &c., besides constituting an air-chamber to assist in floating the apparatus in case of accidental loss upon the water.

Among the advantages derived from my improvement, besides the combined lightness and strength attained, is the convenience of taking apart and putting together, the entire absence of small parts such as set-screws ordinarily required, the loss of which disables the entire apparatus, and also the facility of transportation.

The handle containing the bows, and which also avoids the necessity of a "tip-case" as part of an angler's outfit, may be bundled with fishing-rods or used as a walking-stick, while the metallic parts, being small and light, can be carried about the person.

The socket-piece D may be dispensed with and a single strip of wood used capable of being bent to circular form and secured, as shown, in the sockets B B'; but I prefer the construction described.

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

1. In a landing-net frame, the socket-pieces B B', in combination with the hoop and handle, substantially as set forth.

2. A hand-net frame consisting of one or more strips of elastic material, and socket-



pieces into which the strips are removably inserted to form the hoop, and a handle adapted to receive the socket-pieces and hold the hoop for manipulation by the handle, substantially  
5 as and for the purpose specified.

3. The socket-pieces B B', provided with extensions *b b'*, in combination with the handle A and ferrule *c*, as a means of securing the parts of a hoop or other structure to be attached to  
10 and operated by the handle, substantially as set forth.

4. The handle A, socket-pieces B B' and D, and the bows C C', constituting in combination a separable frame for landing-nets and similar apparatus, substantially as set forth.

In testimony whereof I have hereunto set  
my hand in the presence of two subscribing  
witnesses.

ROBT. H. HOSEA.

Witnesses:

L. M. HOSEA,  
CHAS. LEIMANN.