

(No Model.)

G. KAMP.
LANDING NET FRAME.

No. 520,567.

Patented May 29, 1894.

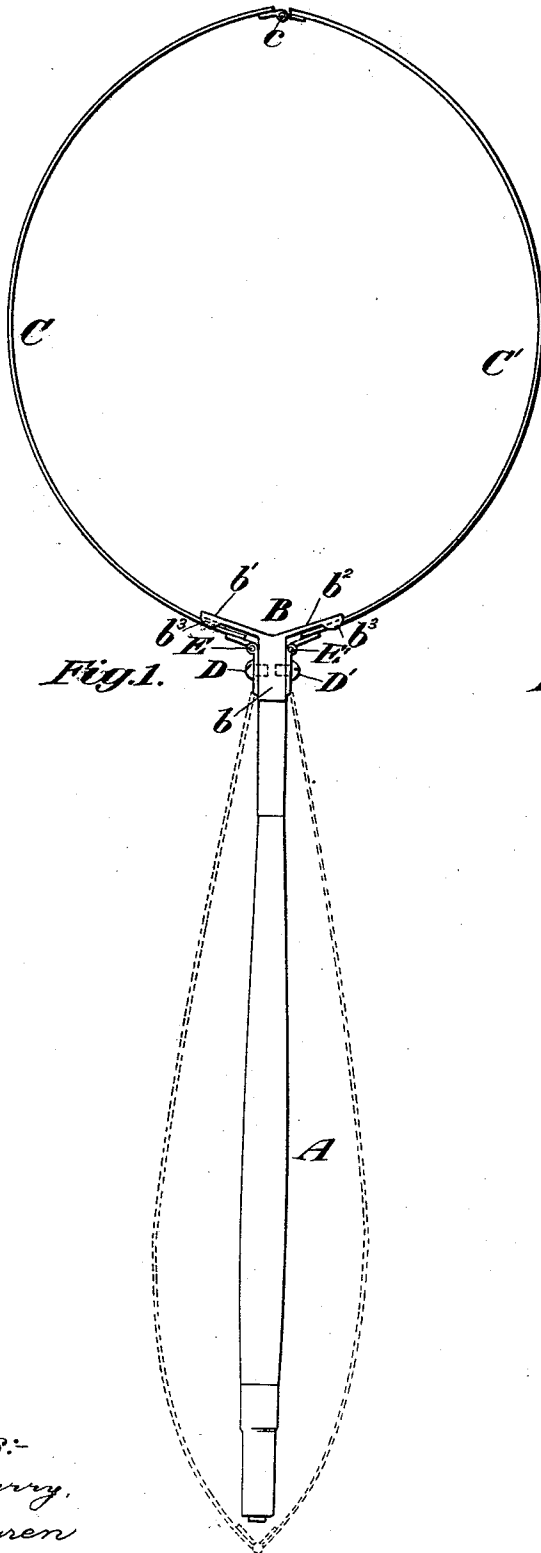


Fig. 1.

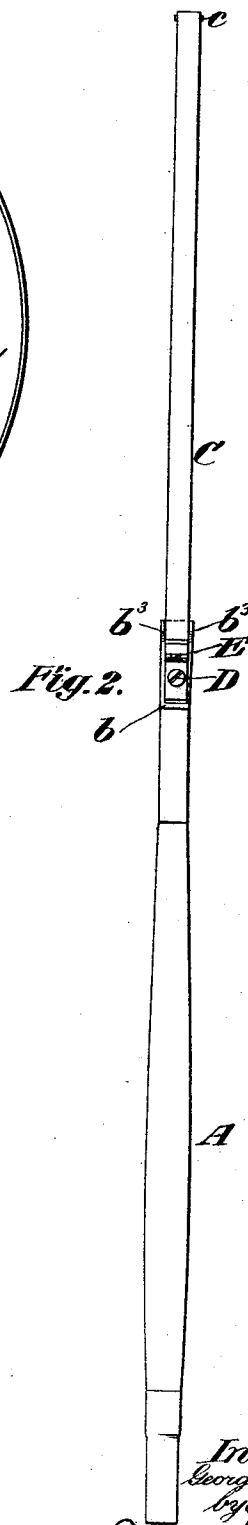


Fig. 2.

Witnesses:-
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UNITED STATES PATENT OFFICE.

GEORGE KAMP, OF TRENTON, ASSIGNOR OF ONE-HALF TO THOMAS B. MILLS,
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LANDING-NET FRAME.

SPECIFICATION forming part of Letters Patent No. 520,567, dated May 29, 1894.

Application filed September 2, 1893. Serial No. 484,661. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KAMP, of Trenton, in the county of Oneida and State of New York, have invented a new and useful Improvement in Landing-Net Frames, of which the following is a specification.

My invention consists of an improvement in landing-net frames, one object being to provide an article which may be folded into a small compass convenient for being carried in the hand or in a trunk or satchel when not in use.

Another object is to provide a frame in which the parts need not be disconnected when it is desired to fold them, the different members being so assembled that the hoop or ring portion, the handle and the net are at all times secured together.

A practical embodiment of my invention is represented in the accompanying drawings in which—

Figure 1 is a face view of the frame, showing it in its open position in full lines and in its closed or folded position in dotted lines, and Fig. 2 is an edge view of the same.

A designates the handle of the frame and to its end is secured a fork or yoke piece B. This yoke piece consists preferably of a shank b which engages the end of the handle A and two transversely extending arms or branches b' , b^2 . Each of these arms is provided with two depending lugs b^3 at each side of its outer end for the purpose of engaging the hoop or ring, as will be hereinafter set forth. The hoop or ring portion consists of two members C and C' which are secured together at their outer ends by means of a hinge c . The members are pivotally secured at their inner ends to the shank b of the fork piece B, preferably by means of screws D, D'. This pivotal connection with the fork piece allows the hoop to swing laterally either toward or away from the handle A. The members C, C' are also hinged at their inner ends transversely to the pivots, as shown at E, E'. These hinges are preferably located quite close to the pivots, as indicated in the accompanying drawings.

A net may be secured to the hoop in any common manner. The net is not shown in the accompanying drawings as it is not thought necessary so to do, as my invention relates only to the frame,

The members C, C' are preferably formed of some resilient material, such as spring metal for example, and they are normally nearly straight or slightly bowed. Supposing that the members are in their folded adjustment with the handle of the frame located between them, as shown in dotted lines in Fig. 1, and it is desired to place the hoop in condition for use. The members are first swung over on their pivots D, D' until they are nearly in alignment with the handle. The members are then bowed apart to cause them to slip over between the lugs b^3 upon the arms b' , b^2 . The normal tendency of the members C, C' to straighten out causes them to very snugly embrace the under sides of the branches b' and b^2 and the depending lugs b^3 engaging the side edges of the members prevent them from being swung unintentionally out of their locked or unfolded position. When the members are bowed apart to cause them to engage the arms of the fork, the members swing on the hinges E, E' at their inner ends and the hinge c at their outer ends.

I have shown the lugs b^3 as a convenient means for locking the hoop in its unfolded position, but instead of this I may use a pin and hole, the one on each of the members and the other on each of the arms of the fork piece, or I may use any other suitable fastening device that will effectually hold the hoop in its open position.

When it is desired to fold the frame, the members are slightly depressed and forced by the lugs b^3 and then swung over so as to embrace the handle, the two members of the hoop at the same time straightening out to a considerable degree. The frame then occupies a very small space and may readily be inserted into a satchel or trunk if so desired.

It is evident that slight changes might be resorted to in the construction and arrangement of the several parts without departing from the spirit and scope of my invention, hence I do not wish to limit myself strictly to the construction and arrangement herein set forth, but—

What I claim is—

1. A landing net frame, comprising a handle and a collapsible hoop or ring pivoted to the handle, the handle being shorter than the hoop when the latter is partially collapsed

and adapted to fold within the partially collapsed hoop or ring, substantially as set forth.

2. A landing-net frame, comprising a handle and a hoop or ring consisting of members
5 hinged together at one end and each at the other end being hinged to the handle and having a pivotal connection with the handle so as to swing in a plane transverse to the plane in which it swings upon the hinges,
10 substantially as set forth.

3. A landing-net frame, comprising a handle, a yoke secured thereto, and a hoop or

ring consisting of two members hinged together at one end and each hinged to and having a pivotal connection with the yoke at the
15 other end, the pivotal connection being such as to permit the hoop to swing transversely to its movement on the hinges and a catch for holding the hoop extended when in its unfolded position, substantially as set forth.

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Witnesses:

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