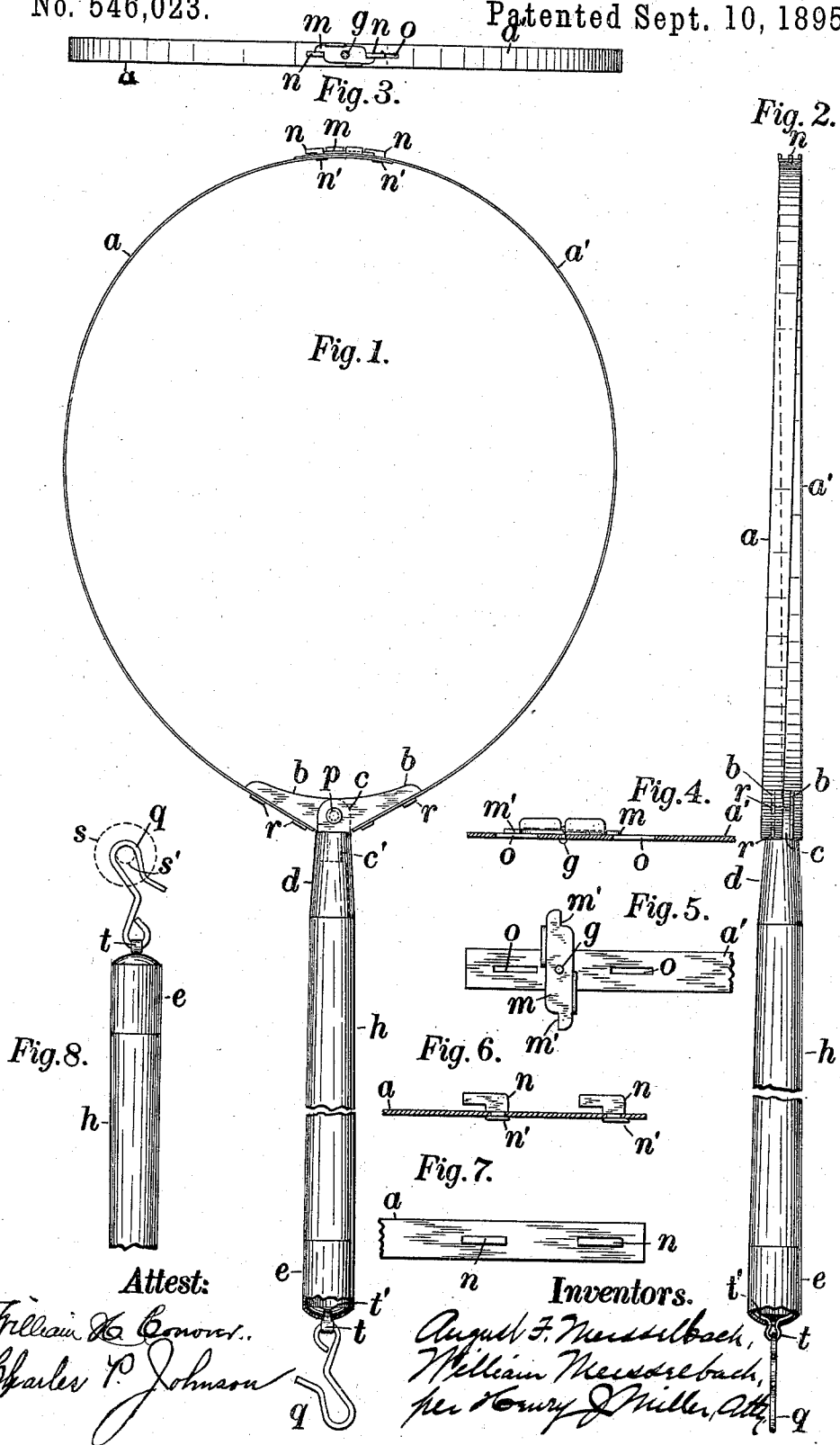


(No Model.)

A. F. & W. MEISSELBACH.
COLLAPSIBLE LANDING NET FRAME.

No. 546,023.

Patented Sept. 10, 1895.



Attest:

William H. Conover.
Charles P. Johnson

Inventors.

August F. Meisselbach,
William Meisselbach,
per Henry J. Miller, atty.

UNITED STATES PATENT OFFICE.

AUGUST F. MEISSELBACH AND WILLIAM MEISSELBACH, OF NEWARK, NEW JERSEY.

COLLAPSIBLE LANDING-NET FRAME.

SPECIFICATION forming part of Letters Patent No. 546,023, dated September 10, 1895.

Application filed February 26, 1895. Serial No. 539,722. (No model.)

To all whom it may concern:

Be it known that we, AUGUST F. MEISSELBACH and WILLIAM MEISSELBACH, citizens of the United States, residing at Newark, in the county of Essex and State of New Jersey, have made certain new and useful Improvements in Collapsible Landing-Net Frames, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention consists in the specific construction herein shown and described for the fastening of the outer ends of the spring-bows of the net-frame.

In the annexed drawings, Figure 1 is a front view, Fig. 2 an edge view, and Fig. 3 a top view, of the frame in readiness for use. Fig. 4 is an edge view of the outer end of one of the bows in section at the center line, with a locking-plate applied thereto, and Fig. 5 a plan of the same with the said plate turned at right angles to its normal position, as indicated in the preceding figure. Figs. 6 and 7 are similar views of the outer end of the other bow. Fig. 8 is an elevation of the butt end of the handle suspended by its swiveled hook from the shank of a button, which latter is indicated in dotted lines. Figs. 4 to 7, inclusive, are drawn upon a larger scale than the other figures.

The bows *a a'* are formed of flat strips of spring-steel, each having at its butt or inner end a hinge-plate *b*, secured thereto by means of the integral rivets *r*, formed upon its outer edge and inserted in suitable slots or apertures formed in the bow for the same with their ends upset upon the outer face of the bow. Such hinge-plates are pivoted by means of a pin *p* to opposite sides of a pivot-block *e*, formed with screw-shank *c'*, screwed into a suitable threaded socket in the ferrule *d* of the handle *h*. Both of the hinge-plates *b* are formed with seats *b'* upon their outer edges, adjacent to the pivotal pin *p*, at a suitable angle with the butt ends of their respective bows, so that when the ferrule *d* is screwed upon the shank *c'* and firmly seated against the same the bows will be normally spread apart, as described in our former patent.

In order to secure the outer ends of the bows together to produce the required oval

shape for the frame, the bow *a* is provided near the end and upon its outer face with two shouldered rivets, formed each with a head *n*, preferably of hooked form, as indicated in the drawings, and with shank *n'*, the contracted portion of the latter being inserted in a suitable slot in the bow and its end upset upon the inner face of the bow, and the outer end of the bow *a'* is provided with apertures or slots *o* to receive such rivet-heads, and with a catch-plate *m*, having stop-shoulders *m'*, pivoted upon its outer face intermediate to such apertures by means of the pin *g*. The free ends of the bows being drawn together and the rivet-heads projected into their respective apertures while the catch-plate is in its transverse position, as illustrated in Fig. 5, the latter is then turned until its stop-shoulders *m'* engage the sides of the rivet-heads, as in Fig. 3, which effects the locking of the heads *n* from retraction, and thus prevents their withdrawal by accident while the net is in use. The handle *h* is adapted for suspension from the shank *s'* of the button *s* upon the clothing of the user by the hook *g*, secured to the handle *h* by means of an eye *t*, bent up from a thin strip of metal formed with a stem passing through a suitable aperture in the head of the ferrule *e* upon the butt end of the handle *h* and terminating in the divergent prongs *t'*, whereby the eye is swiveled to the ferrule.

Having thus set forth the invention, what we claim herein, and desire to secure by Letters Patent, is—

1. In a collapsible landing-net frame, the combination, with a handle *h*, of the bows *a a'* having their butt ends secured to the said handle by suitable means and provided at their outer ends, the one with one or more shouldered rivets having hooked heads, and the other with one or more slots to admit the heads of such rivets and with a catch plate *m* pivoted upon its outer face adjacent to the said slot or slots and engaging the shouldered rivets, substantially as shown and described.

2. In a collapsible landing-net frame, the combination, with a handle *h*, of the bows *a a'* having their butt ends secured to the said handle by suitable means and provided at their outer ends, the one with one or more

shouldered rivets having hooked heads, and
the other with one or more slots to admit the
heads of such rivets and with a catch plate *m*
having stop shoulders *m'* pivoted upon its
5 outer face adjacent to the said slot or slots
and engaging the shouldered rivets, substan-
tially as shown and described.

In testimony whereof we have hereunto set

our hands in the presence of two subscribing
witnesses.

AUGUST F. MEISSELBACH.
WILLIAM MEISSELBACH.

Witnesses:

HENRY J. MILLER,
WILLIAM BATSON.