

(No Model.)

G. W. BLAKE.

SNAP HOOK.

No. 266,421.

Patented Oct. 24, 1882.

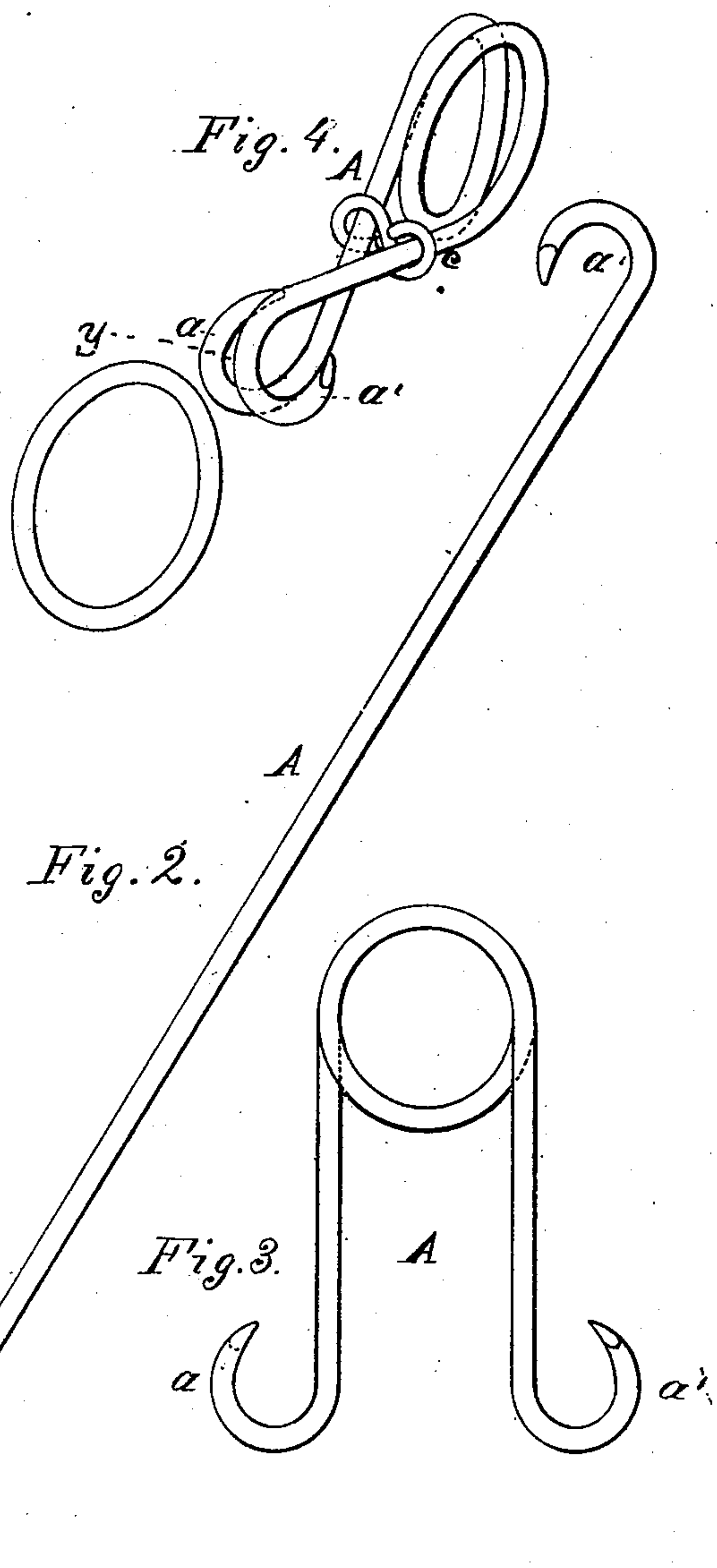
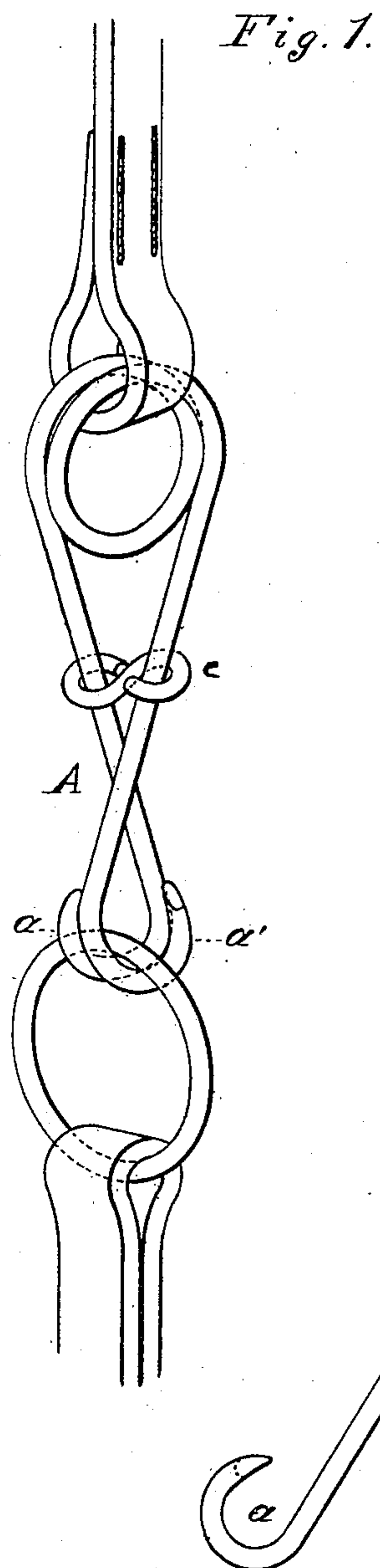


Fig. 2.

Fig. 3.

WITNESSES
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SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 266,421, dated October 24, 1882.

Application filed July 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BLAKE, a citizen of the United States, and a resident of Port Townsend, in the county of Jefferson and Territory of Washington, have invented a new and valuable Improvement in Snap-Hooks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of this invention in a perspective view. Fig. 2 is a side view of the wire as it is first bent. Fig. 3 is a side view of the wire at its second bending. Fig. 4 is a perspective view, showing the complete snap-hook.

My invention relates to snap-hooks, sister or mousing hooks formed of bent and coiled wire; and it consists in the novel construction hereinafter described and specifically claimed.

In the formation of my hook I take a single piece of wire or metallic rod of the length and size desired and bend each end into the form of a hook, but in reversed directions. The rod, with its bent ends, is shown on Fig. 2 of the drawings, the hooks thereon being marked *a a'*. I next take the rod and bend it into the form shown on Fig. 3, forming one or more coils at its center, and bringing the hooks *a a'* side by side in reversed directions, as represented. I next form a safety-link, marked *c* on the drawings, resembling the numeral 8 in structure, and attach it to the arms of the main body between the hooks *a a'* and the coil or coils, as shown on Fig. 1. This safety-link may, if desired, be connected with the arms after the coil (or duplicates thereof) is completed by passing the hooks *a a'* through the eyes of the link; or it may be attached to the arms by bending its ends respectively around them. When on duty this link serves to prevent the two hooks from being drawn too far apart by

any ordinary strain or force, and generally to strengthen and give firmness to the bent and coiled rod.

The operation of my snap hook is as follows, namely: The ring-strap or other article to be secured is pressed downward between the hooks *a a'* until it passes the points thereof. It then assumes a position at right angles with said hooks and is held securely within the loop formed by both hooks, as shown on Fig. 1 of the drawings.

It is obvious that the coiled center of the rod becomes the outer end of the snap-hook and serves as a spring, performing the ordinary functions thereof.

It will also be observed that I construct the hooks *a a'* in such a manner that when united their points are brought very nearly if not quite in contact with the arms of the snap-hook. At the same time the center of the curve of said hooks, forming the extreme front end, are respectively bent sidewise, so as to form an open jaw to receive the strap-ring or other article to be attached. This opening thus formed is marked *y* on the drawings.

The hook thus constructed is intended for use in harness mainly; but it is obvious that its uses may be extended to very many other branches of industry, and that it will be found valuable on shipboard as a clip or sister hook.

I claim as my invention—

The snap-hook having the bent and coiled body made of a single piece or rod having the hooks *a a'* at its ends, in combination with the safety-link *c*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of witnesses.

GEORGE WASHINGTON BLAKE.

Witnesses:

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