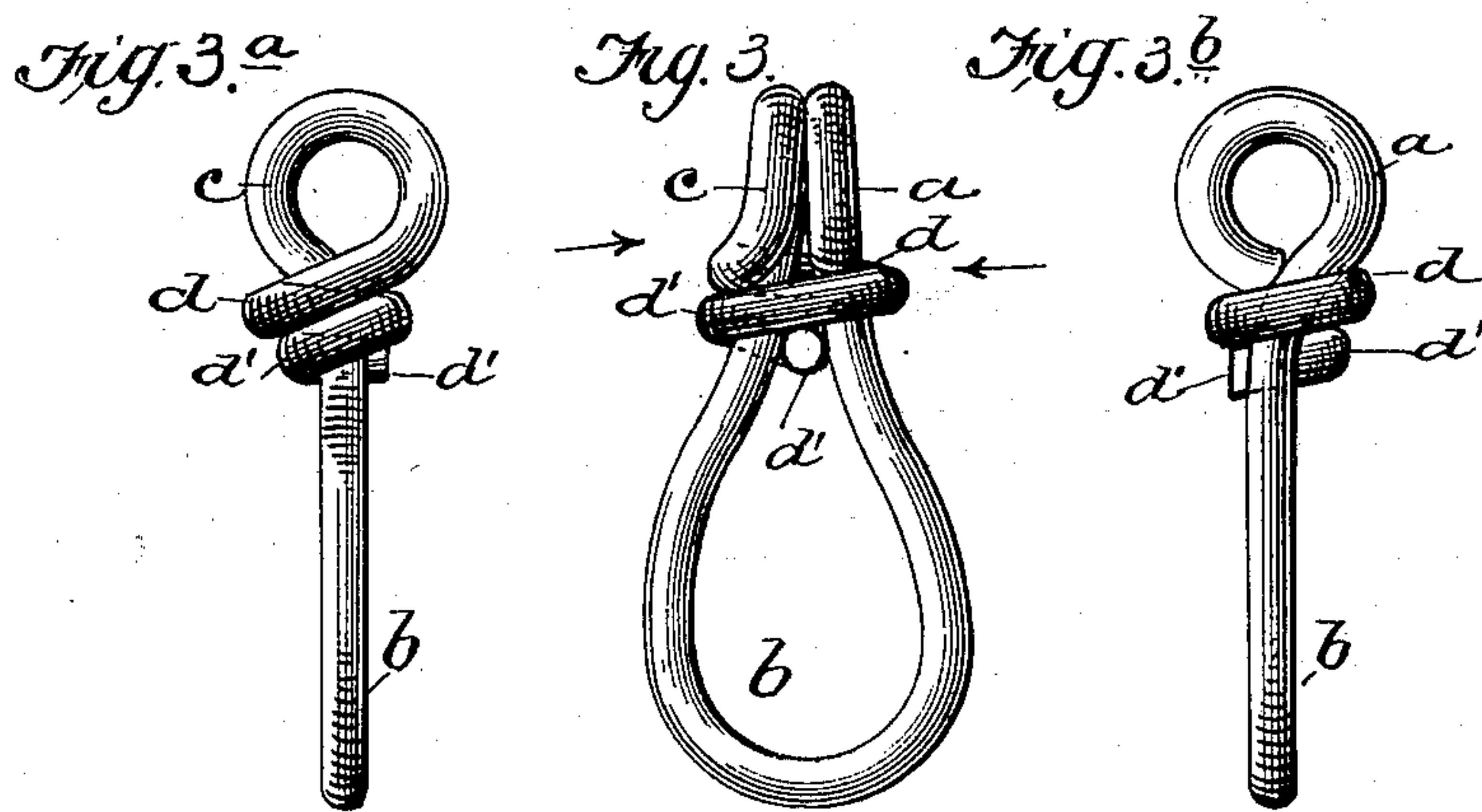
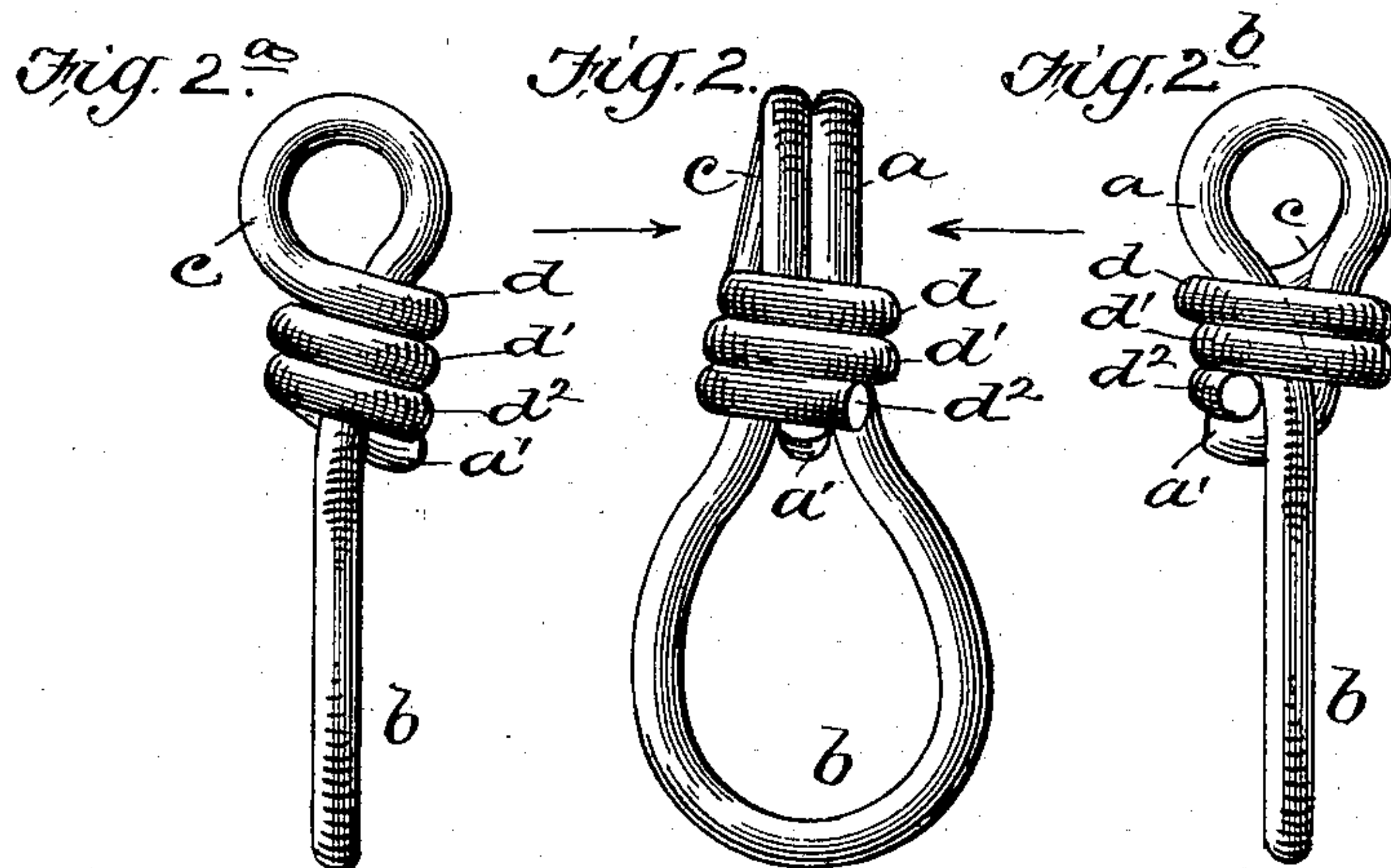
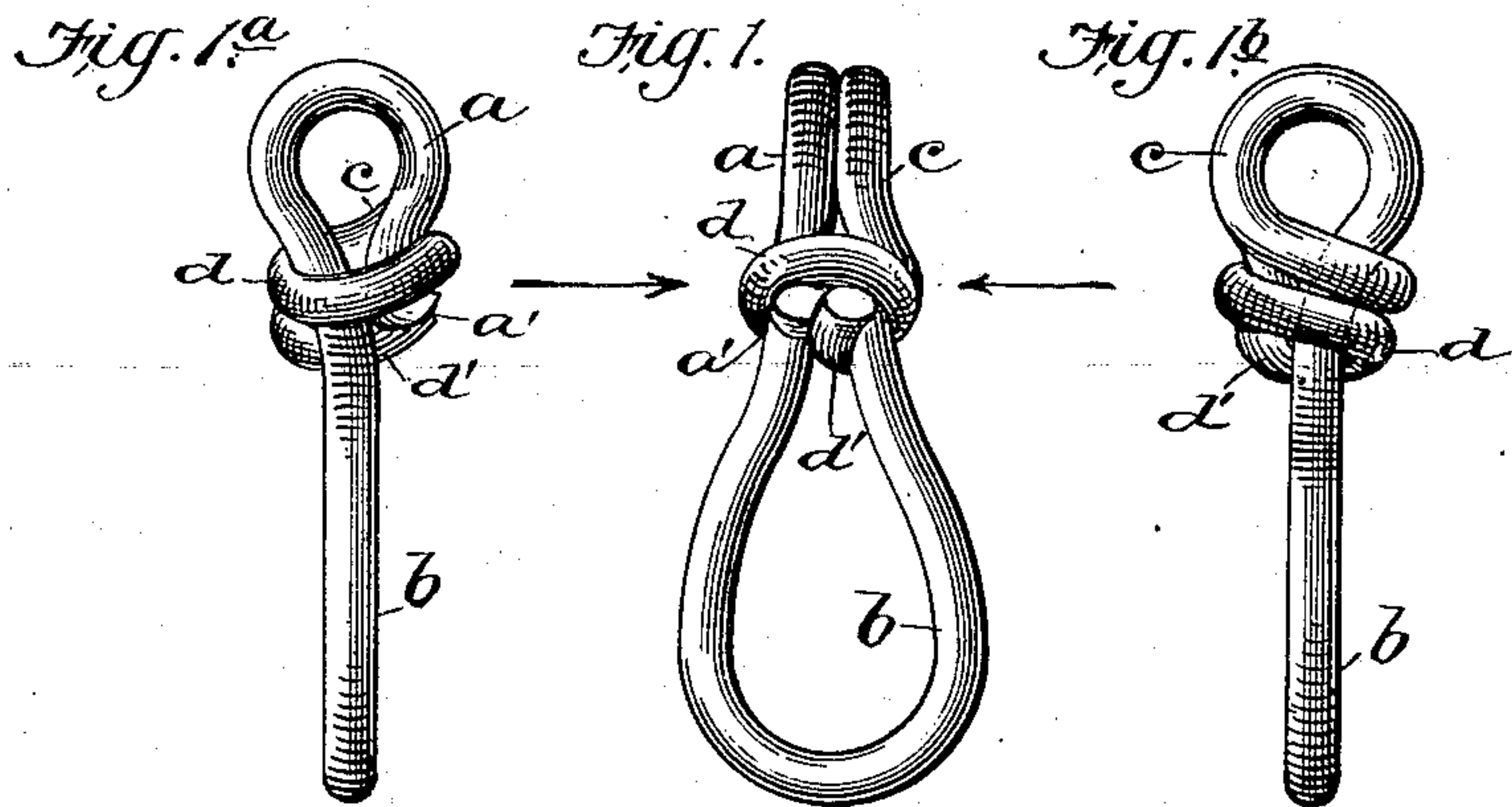


(No Model.)

W. H. GRIFFITH.
CHAIN LINK.

No. 604,316.

Patented May 17, 1898.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM H. GRIFFITH, OF NEW YORK, N. Y.

CHAIN-LINK.

SPECIFICATION forming part of Letters Patent No. 604,316, dated May 17, 1898.

Application filed June 28, 1897. Serial No. 642,724. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. GRIFFITH, of New York, in the county of New York and State of New York, have invented a new and useful Improvement in Chain-Links, of which the following is a specification.

My invention is in the nature of an improved chain-link of the form which is made by bending and twisting a piece of wire without forging; and it consists in the peculiar construction of link with reference to the manner of bending and wrapping its ends, so as to interlock with other links of a similar form to make a chain, as will be hereinafter more fully described with reference to the drawings, in which—

Figure 1 is a front view of my link. Fig. 1^a is a side view from the left-hand side, and Fig. 1^b a side view from the right-hand side. Figs. 2, 2^a, and 2^b and Figs. 3, 3^a, and 3^b are respectively front and two side views of two other modifications.

Referring to Figs. 1, 1^a, and 1^b, the link consists of a terminal eye *a*, a loop *b*, a bight or coil *c*, coinciding with the eye *a*, and a transverse wrap *d*, which encircles the two legs of the loop and holds the eye *a* and the bight *c* together in close coincidence. These parts are all bent from a single piece of wire that runs continuously from one member into the other. In connecting the links to form a chain the eye *a* and bight *c* of one link receive the loop *b* of the next link.

In Figs. 1, 1^a, and 1^b the eye *a* has its end extended below the wrap *d*, and the extreme end of the wrap is extended between the legs and into the fork of the loop and lies in its acute angle, as seen at *d'*. This makes a strong link, in which the eye is held against being pulled out, and the legs of the loop are held immovable against squeezing together in lateral direction at the fork when a heavy strain comes upon them.

In Figs. 2, 2^a, and 2^b there are three transverse wraps *d* *d'* *d''*, and the end *a'* of the ter-

minal eye is extended down to and lies in the fork of the legs of the loop.

In Figs. 3, 3^a, and 3^b the eye *a* terminates above the transverse wrap; but the end of the transverse wrap is extended between and lies in the fork of the legs of the loop, as seen at *d'*.

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

1. A bent-wire link having a terminal eye at one end, a loop, a bight or coil corresponding in size to and coinciding with the terminal eye and forming a duplex eye with parallel folds, a transverse wrap below the coinciding eye and bight, said link having also the end of its eye extended below the transverse wrap and held within its embrace substantially as and for the purpose described.

2. A bent-wire link having a relatively small terminal eye at one end, a relatively large loop, a bight or coil corresponding in size to and coinciding with the terminal eye, and forming a duplex eye with parallel folds and a transverse wrap below the coinciding eye and bight, and said link having the end of one of its eyes extended between and lying within the fork formed by the legs of the loop substantially as and for the purpose described.

3. A bent-wire link having a relatively small terminal eye at one end, a relatively large loop, a bight or coil corresponding in size and coinciding with the terminal eye, and forming a duplex eye with parallel folds, and a transverse wrap below the coinciding eye and bight, one end of said wrap being extended between the legs of the loop and lying within the acute angle fork of the same substantially as and for the purpose described.

WILLIAM H. GRIFFITH.

Witnesses:

EDW. W. BYRN,
SOLON C. KEMON.