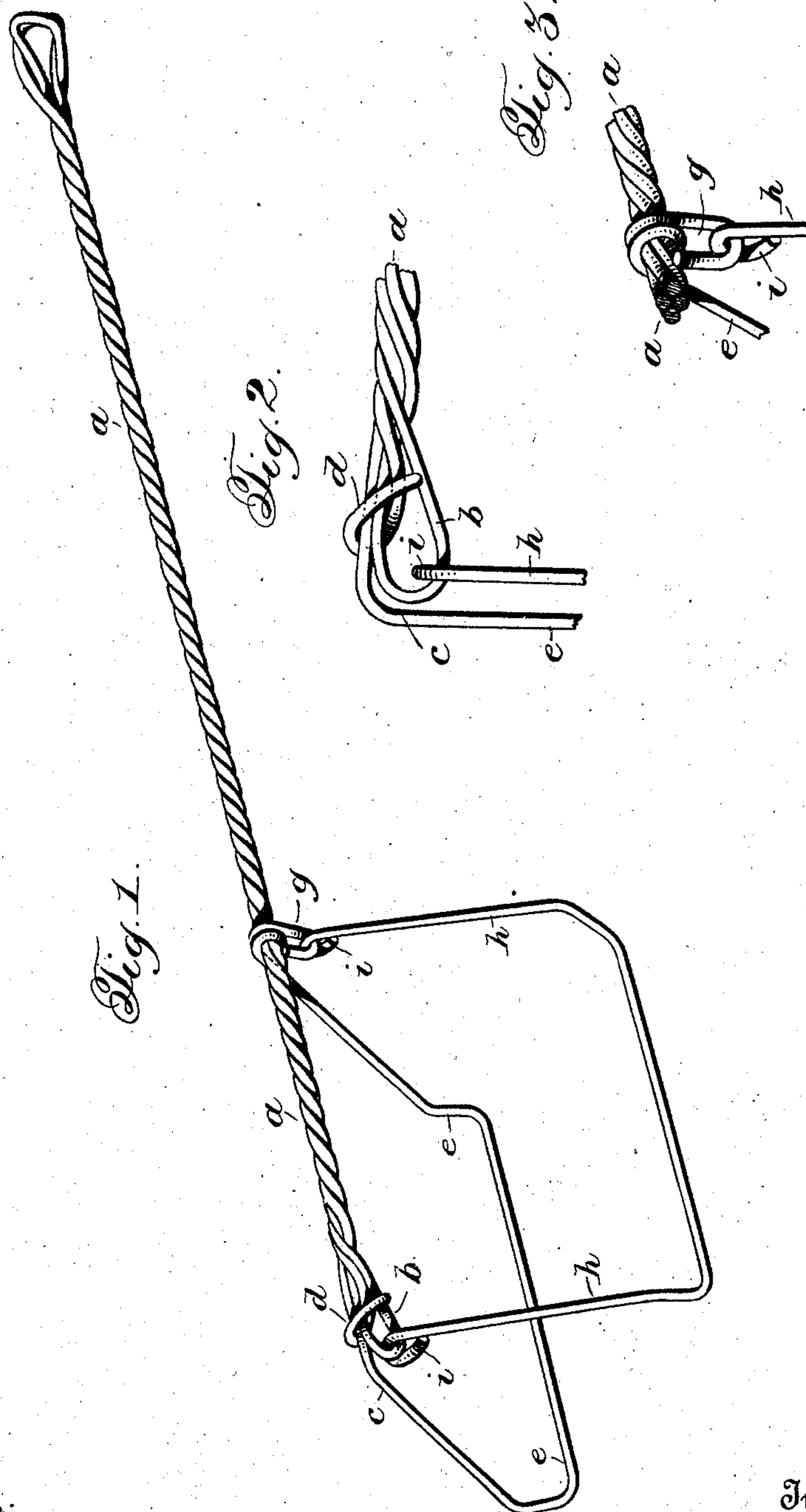


No. 846,699.

PATENTED MAR. 12, 1907.

A. L. SMITH.
PLATE AND PAN LIFTER.
APPLICATION FILED JULY 19, 1906.



Witnesses:

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UNITED STATES PATENT OFFICE.

ABRAM LUTHER SMITH, OF JUNIATA BOROUGH, PENNSYLVANIA.

PLATE AND PAN LIFTER.

No. 846,699.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed July 19, 1906. Serial No. 326,813.

To all whom it may concern:

Be it known that I, ABRAM LUTHER SMITH, a citizen of the United States, residing at Juniata borough, in the county of Blair and State of Pennsylvania, have invented certain new and useful Improvements in Plate and Pan Lifters, of which the following is a specification.

My invention relates to plate and pan lift-ers; and its object is to provide an article of this character which is inexpensive and durable in construction and highly efficient in use.

The invention includes the construction to be hereinafter described, and particularly pointed out in the claim.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device. Fig. 2 is a detail fragmentary view of one end thereof. Fig. 3 is another fragmentary view.

The main support and handle of the article is designated *a* in the accompanying drawings and is formed from a single length of wire bent twice upon itself to provide four strands which are twisted about one another. The loop provided by the first bend in the length of the wire is located at one end of the support *a* and constitutes an attaching-eye, (designated *b*.) The loop formed by the bend of the doubled strand is located at the opposite end of the support and handle *a*.

One of the free ends of the length of wire (designated *c*) is longer than the other (designated *d*) and is bent laterally to form a bail-shaped jaw member *e*, said end terminating in a twist about the support *a*, which ends in an attaching-eye *g*. The end *d* terminates in a twist around one strand of the eye *b* and the strand from which the rigid jaw is formed.

The movable jaw is designated *h* and is formed from a single length of wire. This jaw is substantially the same shape as the rigid jaw and coacts therewith in the operation of the article. The ends of the jaw member *h* are provided with hooks or eyes *i*, which interengage with the eyes *b g*, respectively.

I am aware that it is not novel to provide a platen-lifter formed of a single length of wire bent to provide a support and handle and a bail-shaped jaw and a second length of wire bent to form a second jaw which is pivoted to the support and coacts with the first jaw in the operation of the article, and I do not claim this construction, broadly, as my invention; but

What I do claim is—

A plate-lifter constructed of two lengths of wire, one of the lengths being twice doubled upon itself thereby forming four strands, said strands being twisted about one another to provide a main support and handle, the loop formed by the first bend in the length of wire providing an attaching-eye *b*, one end portion of the length of wire being bent laterally to provide a bail-shaped jaw the end of which is twisted about the main support and terminated in an eye *g* and the second end of said length being twisted about a part of the first strand and one strand of the eye *b* and said second length of wire forming a bail-shaped jaw having ends provided with hooks or eyes which interengage with the eyes *b g*, respectively, substantially as described.

In testimony whereof I hereto affix my signature in presence of two witnesses.

A. LUTHER SMITH.

Witnesses:

MARY L. GOSS,
OLIVE W. FLECK.