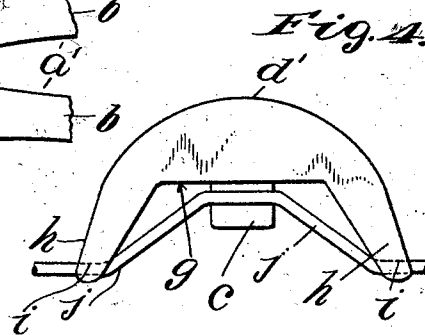
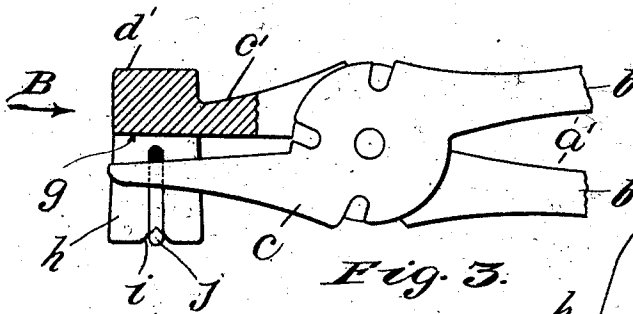
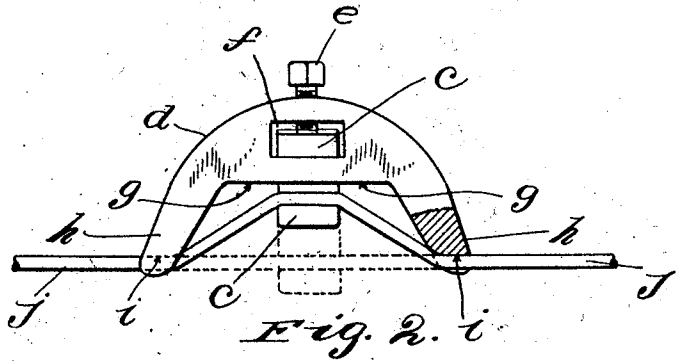
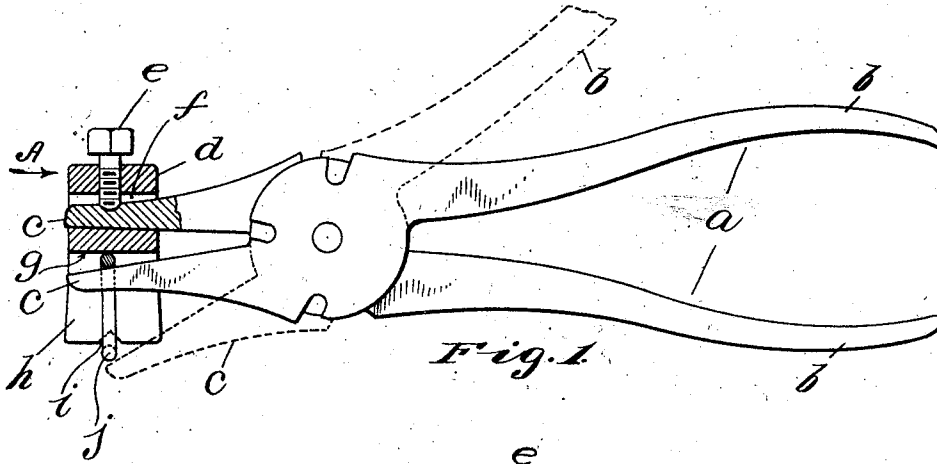


H. F. HEITMEYER.
WIRE TIGHTENING DEVICE.
APPLICATION FILED JULY 29, 1910.

986,058.

Patented Mar. 7, 1911.



Witnesses:
Mr. Hamilton
Harry B. Hubig

Henry F. Heitmeyer Inventor
By his Attorney
James Hamilton

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UNITED STATES PATENT OFFICE.

HENRY F. HEITMEYER, OF FRIENDSHIP, INDIANA

WIRE-TIGHTENING DEVICE.

986,058.

Specification of Letters Patent.

Patented Mar. 7, 1911.

Application filed July 29, 1910. Serial No. 574,419.

To all whom it may concern:

Be it known that I, HENRY F. HEITMEYER, a citizen of the United States, residing at Friendship, in the county of Ripley and State of Indiana, have invented certain new and useful Improvements in Wire-Tightening Devices, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in devices for taking up the slack of the wires in wire fences and similar structures; and an object of this invention is to provide a device of the class just referred to which will be simple in construction, comparatively cheap in manufacture and most efficient in use.

In the drawings illustrating the principle of this invention and the best mode now known to me of applying that principle, Figure 1 is a side view, partly in section, of my new wire-tightening device; Fig. 2 is an end view looking in the direction of the arrow A in Fig. 1; Fig. 3 shows the block integral with one of the jaws of the pliers; and Fig. 4 is an end view looking in the direction of the arrow B in Fig. 3.

The pliers *a* are of the ordinary type having the handles *b* and the jaws *c*. A block *d* is provided with a set-screw *e* the lower

end of which is adapted to enter an opening *f*. The latter is of such a shape as to receive one of the jaws *c* and the block *d* is held thereon by means of the set-screw *e*. The block *d* is formed with a recess *g* in its bottom so that it has a leg *h* at each side. In the end of each leg is formed a groove or channel *i* adapted to receive a wire *j*. To take up the slack of the wire, the block is placed in the position indicated in Fig. 2 and the lower jaw of the pliers is forced upwardly, thereby bending the wire *j* into the recess *g*.

In Figs. 3 and 4 the block *d'* is shown formed integral with one of the jaws *c'* of the pliers *a'*.

I claim:

A wire tightening device consisting of the combination with pliers; of a block formed with a recess in which one jaw of said pliers is adapted to move; the side walls of said recess constituting legs which bear upon the wire.

Signed at Friendship, Indiana, in the presence of the two undersigned witnesses this 23rd day of July, A. D. 1910.

HENRY F. HEITMEYER.

Witnesses:

L. H. BOOSTER,
JOHN S. KINRETT.