F. PAGLIERI.

HAND VISE.

APPLICATION FILED APR. 28, 1915.

1,272,991. Patented July 16, 1918.

Fig. 1.

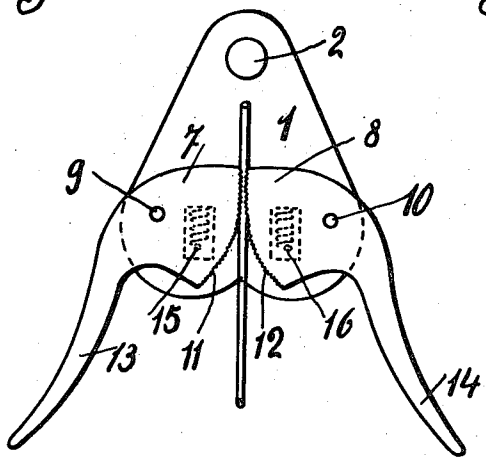


Fig. 2.

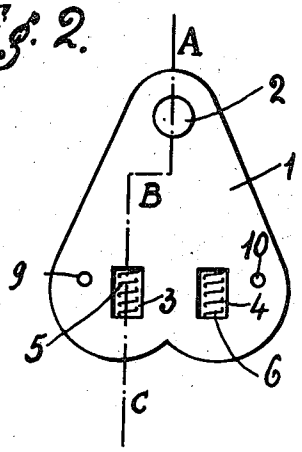


Fig. 3.

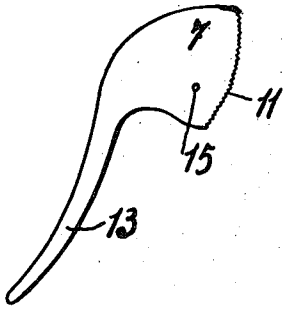


Fig. 4.

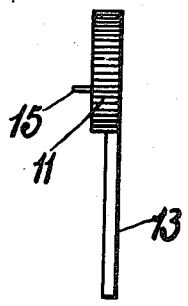


Fig. 5

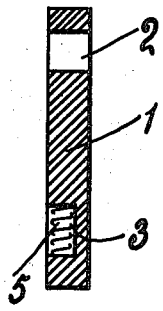
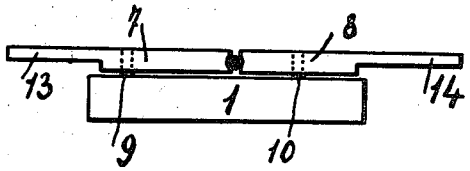


Fig. 6.



F. Paglieri.
Inventor.

By G. Croydon Marks.
Attorney.

UNITED STATES PATENT OFFICE.

FERRUCCIO PAGLIERI, OF BOLOGNA, ITALY.

HAND-VISE.

1,272,991. Specification of Letters Patent. Patented July 16, 1918.

Application filed April 28, 1915. Serial No. 24,460.

To all whom it may concern:

Be it known that I, FERRUCCIO PAGLIERI, engineer, subject of the King of Italy, residing at Bologna, 210 Via Saragozza, Italy, have invented certain new and useful Improvements in Hand-Vises, of which the following is a specification.

My invention relates to certain new improvements in hand-vises as are generally used for wire work by electrical engineers.

The object of my invention is to provide a novel embodiment of construction whereby extreme simplicity and speediness is obtained in the use of same.

My invention comprises means to keep the wire engaged automatically and means to release same by the use of one hand only.

A form of construction of my invention is represented in the annexed drawing.

Figure 1 is a plan view of my hand-vise.

Fig. 2, Fig. 3 and Fig. 4 represent some details of construction of same.

Fig. 5 is a section through line —A—B—C— on a part of the apparatus as represented in Fig. 2.

Fig. 6 shows an edge view of the vise applied to a wire.

Similar reference-numerals represent like parts throughout the drawing.

The vise comprises a plate —1— provided with a suspension hole —2— and two recesses —3—4—. Two springs —5—6— are seated in said recesses for the purpose hereafter described.

7—8 are the vise jaws, pivotably mounted on plate —1— by means of pivots —9—10—; they have toothed surfaces —11—12— and handles 13—14. From a lateral point of said jaws, facing the recesses —3—4— project pins —15—16 entering said recesses underneath the lower ends of springs —5—6.

By applying one hand to the handles 13 and 14 and by drawing one against the other, the jaws assume such a position as to release the wire.

If the appliance is released, while a wire end is projecting between them, the jaws will keep the wire automatically engaged, owing to the action of the springs 5 and 6.

If said jaws are released, while a wire end is projecting between them, they will keep the wire automatically engaged, as shown in Fig. —6—.

Having now particularly described the nature of my invention and the manner in which the same should be performed I claim:

A wire-stretching apparatus comprising a plate fitted with ring,—two cams fitted with hand levers and constituting two jaws pivotally secured to the said plate,—recesses for maintaining the said jaws in closed position, the said recesses being tightly closed by the said cams.

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

FERRUCCIO PAGLIERI.

Witnesses:
ORNLI H. CRIOY,
LYLE ROBB.