

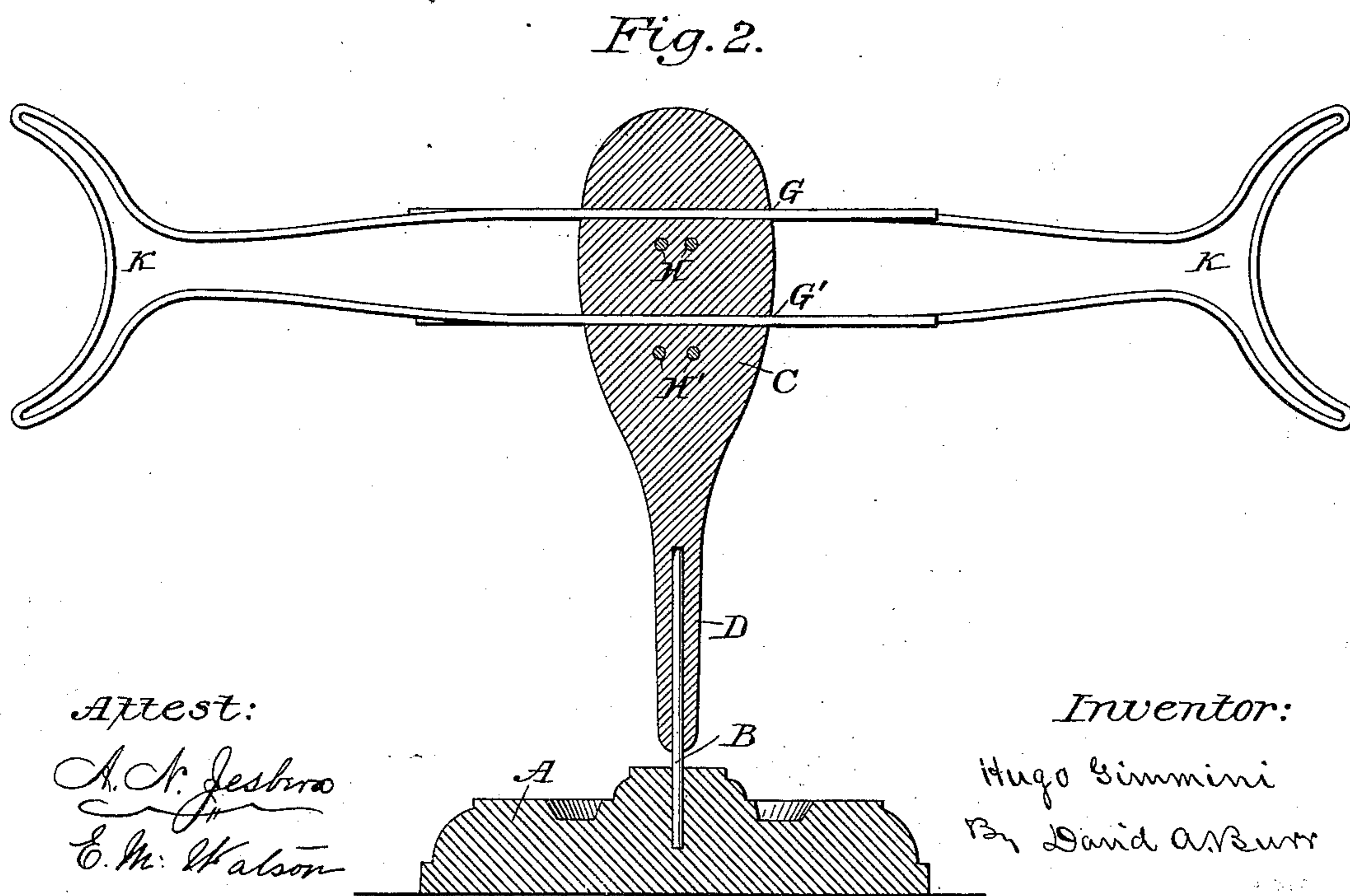
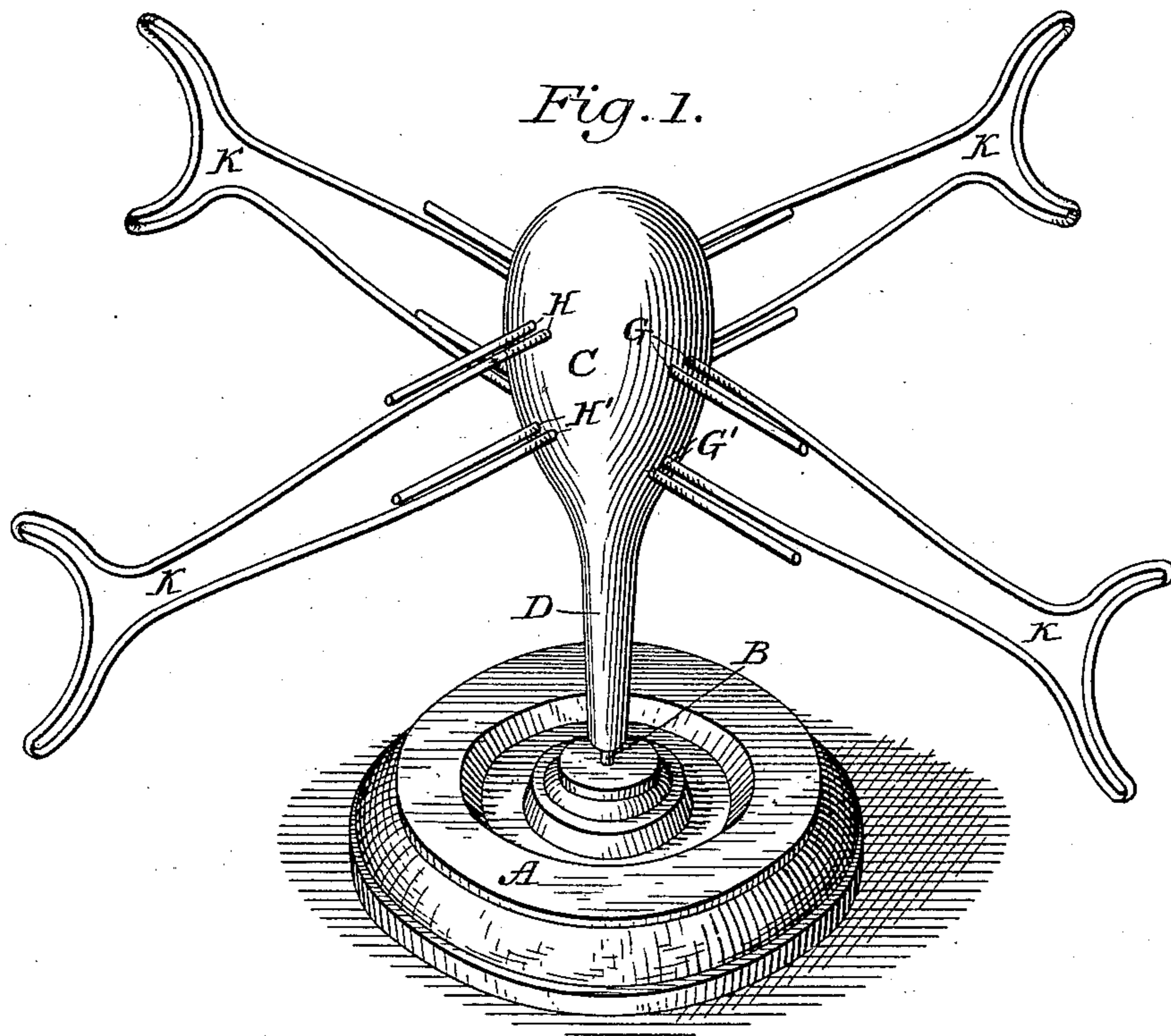
(No Model.)

H. GIMMINI.

COMBINED YARN WINDER, DARNER, AND SPOOL STAND.

No. 427,853.

Patented May 13, 1890.



Attest:

A. N. Jesbro  
E. M. Watson

Inventor:

Hugo Gimmini  
By David A. Burr

Atty.

# UNITED STATES PATENT OFFICE.

HUGO GIMMINI, OF SAN FRANCISCO, CALIFORNIA.

## COMBINED YARN-WINDER, DARNER, AND SPOOL-STAND.

SPECIFICATION forming part of Letters Patent No. 427,853, dated May 13, 1890.

Application filed September 16, 1889. Serial No. 324,053. (No model.)

*To all whom it may concern:*

Be it known that I, HUGO GIMMINI, of San Francisco, in the county of San Francisco and State of California, have invented a Combined Yarn-Winder, Darner, and Spool-Stand; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is an elevation in perspective of my improved device, and Fig. 2 a central vertical section of same.

The object of my invention is to provide a simple and efficient adjustable device for holding skeins of yarn, silk, &c., for the purpose of winding the same in a ball, and which shall likewise be serviceable as a spool-stand and as a glove or stocking darner.

In the accompanying drawings, A represents a disk or plate, of wood or other suitable material, designed to serve as the stand or support for my improved device. This base-plate may be of any desired form and configuration, and may be made very ornamental, if desired.

B is a metallic pin, adapted to be inserted and fixed in a central aperture in the base-plate to project vertically therefrom. This pin B, in combination with the base-plate A, alone will serve as a spool holder or stand.

C represents an egg-shaped block, terminating at its smaller end in an elongated stem D, within which is formed a central longitudinal recess adapted to embrace closely the pin B, whereby the block may be fitted upon the pin as a pivotal support therefor. This egg-shaped block is adapted by its shape to serve as a glove and stocking darner, the broad end thereof being of suitable form for use as a support in mending stockings and the stem end D for use in mending gloves. The body of the block is pierced transversely below the head with two sets of diametric apertures G G' G' and H H' H' at right angles to each other. Through each pair G G' G' and H H' and H H' of these apertures the two diverging ends of a single elastic wire bent or doubled

upon itself to form a holding-arm K, as shown in the drawings, are inserted. The wires or arms K thus inserted radially in the body of the block C are free to move in or out therefrom to admit of longitudinal adjustment, so that their outer holding ends may be extended more or less from the block. As each arm admits of independent adjustment, a wide range is afforded thereby for the expansion or contraction of the holding ends with reference to their central support. When properly adjusted, they remain fixed by reason of the divergence of the two lengths of wire in each arm and the elasticity thereof, which causes them to bind in the apertures. These adjustably-extensible arms K K, in combination with the central block C, pivoted upon the vertical pin B to turn freely thereon, constitute a very complete yarn-winder, which may be adjusted to receive a skein of silk or yarn of any size.

This yarn-winder has the advantage of a wide range of adjustment under very simple conditions. It may, moreover, be placed upon a table, the floor, a chair, or other support, and will remain firm and steady by reason of the superior weight of its base without the need of being made fast with screws or similar devices. The four arms may be extended to take up the largest skein of yarn, or pushed in to adapt them to a very small skein of cotton or silk.

I claim as new—

The combined yarn-winder, darner, and spool-holder, consisting of the base or stand A, the pin B, the detachable egg-shaped block C, pivoted upon said pin, and the radial arms K K, longitudinally adjustable in said block, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HUGO GIMMINI.

Witnesses:

A. N. JESBERA,  
E. M. WATSON.