

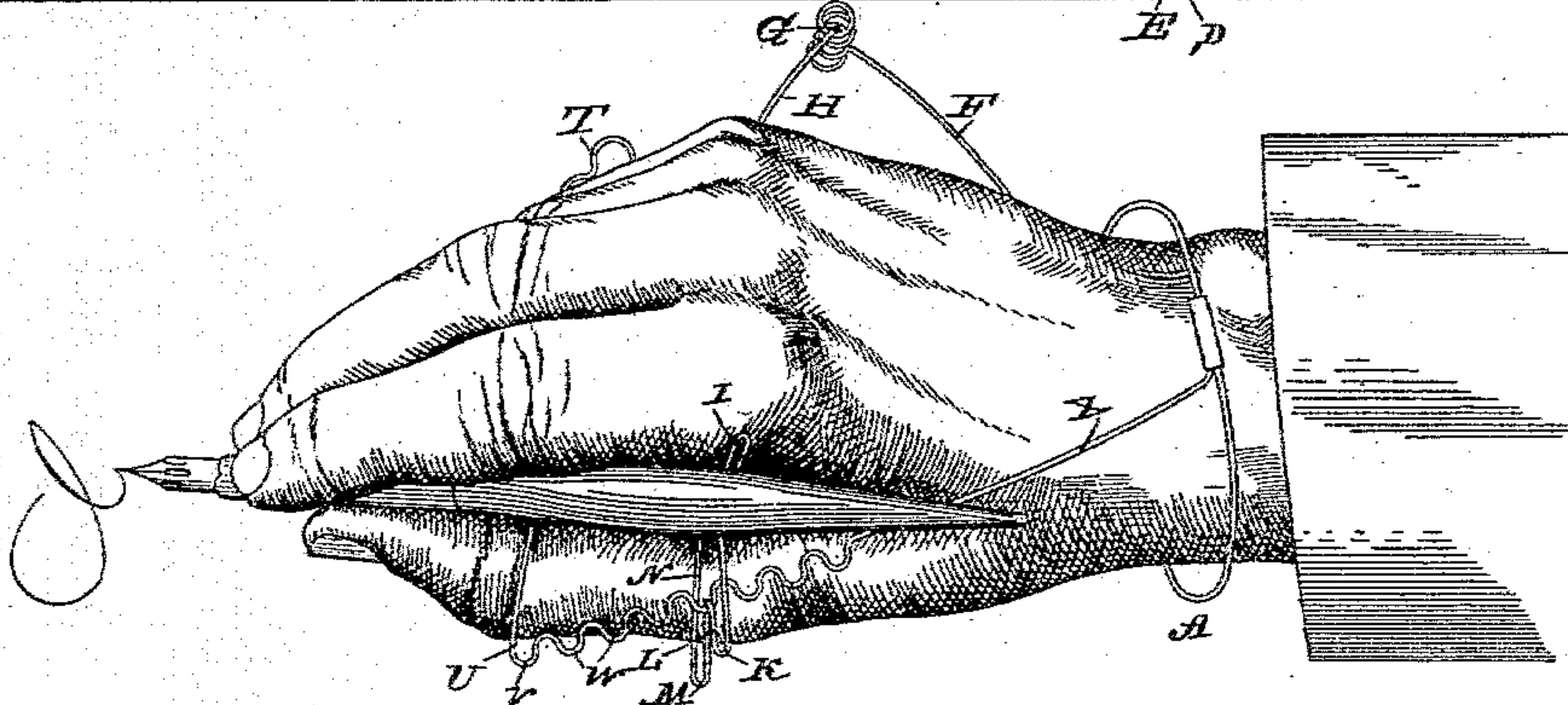
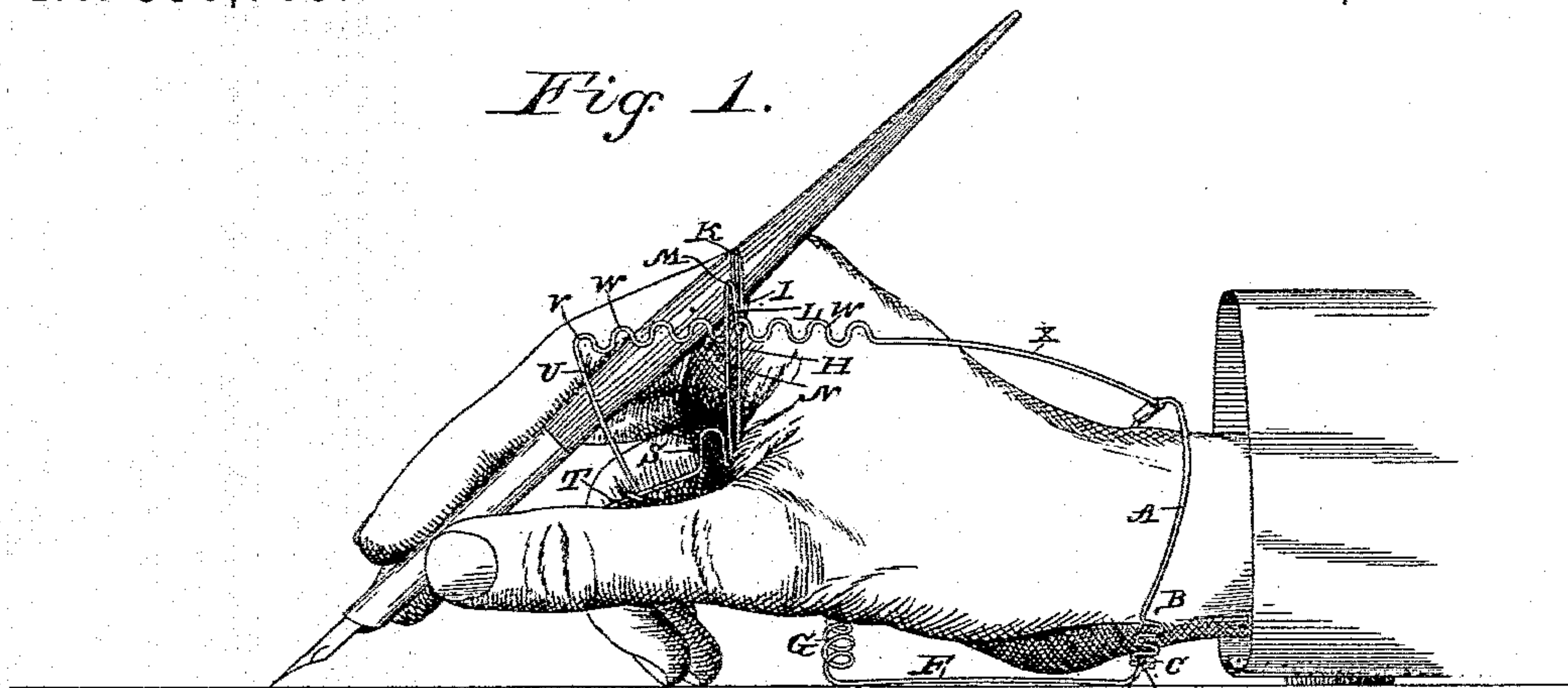
(No Model.)

A. C. HARROD.  
HAND REST FOR PENMEN.

No. 356,765.

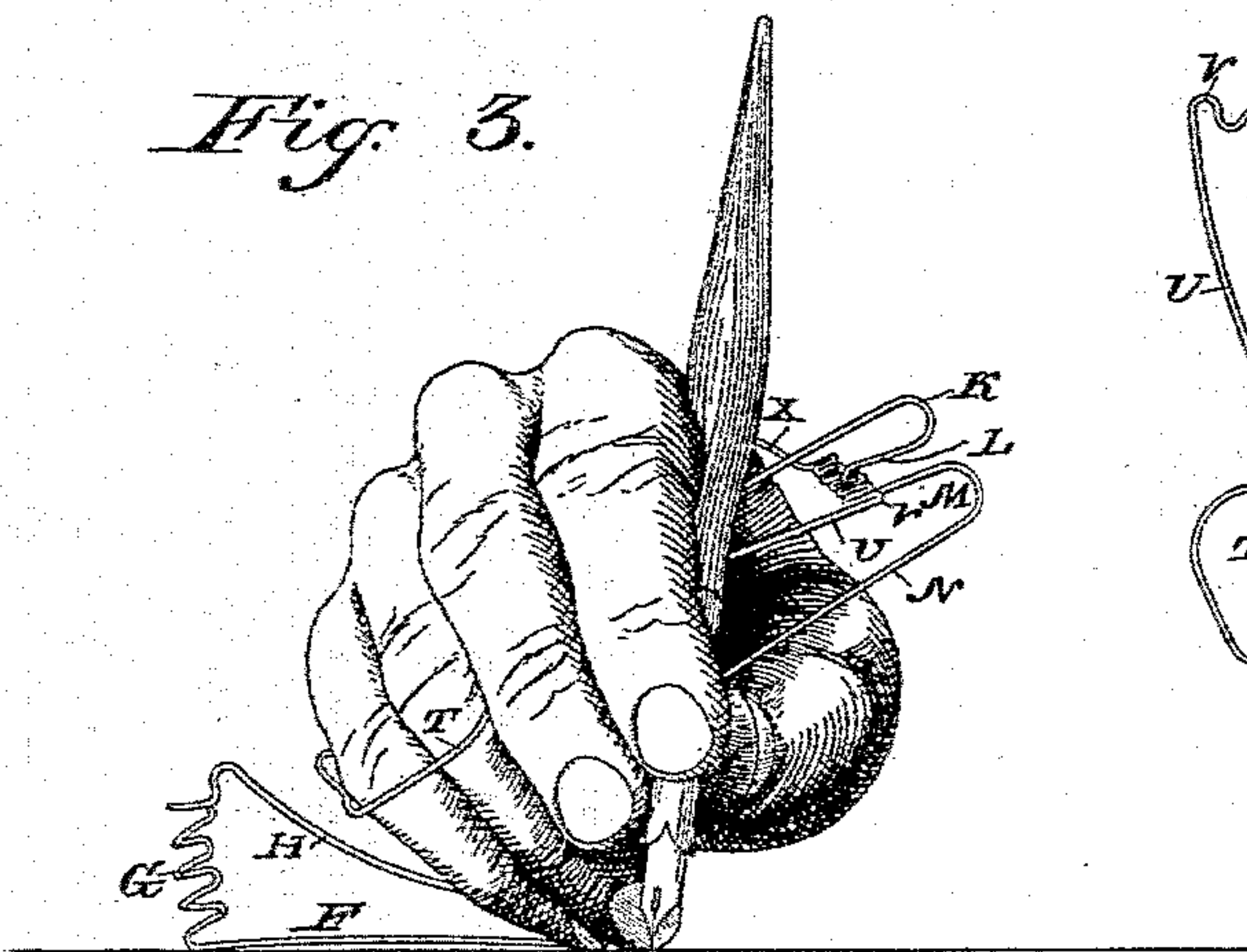
Patented Feb. 1, 1887.

*Fig. 1.*

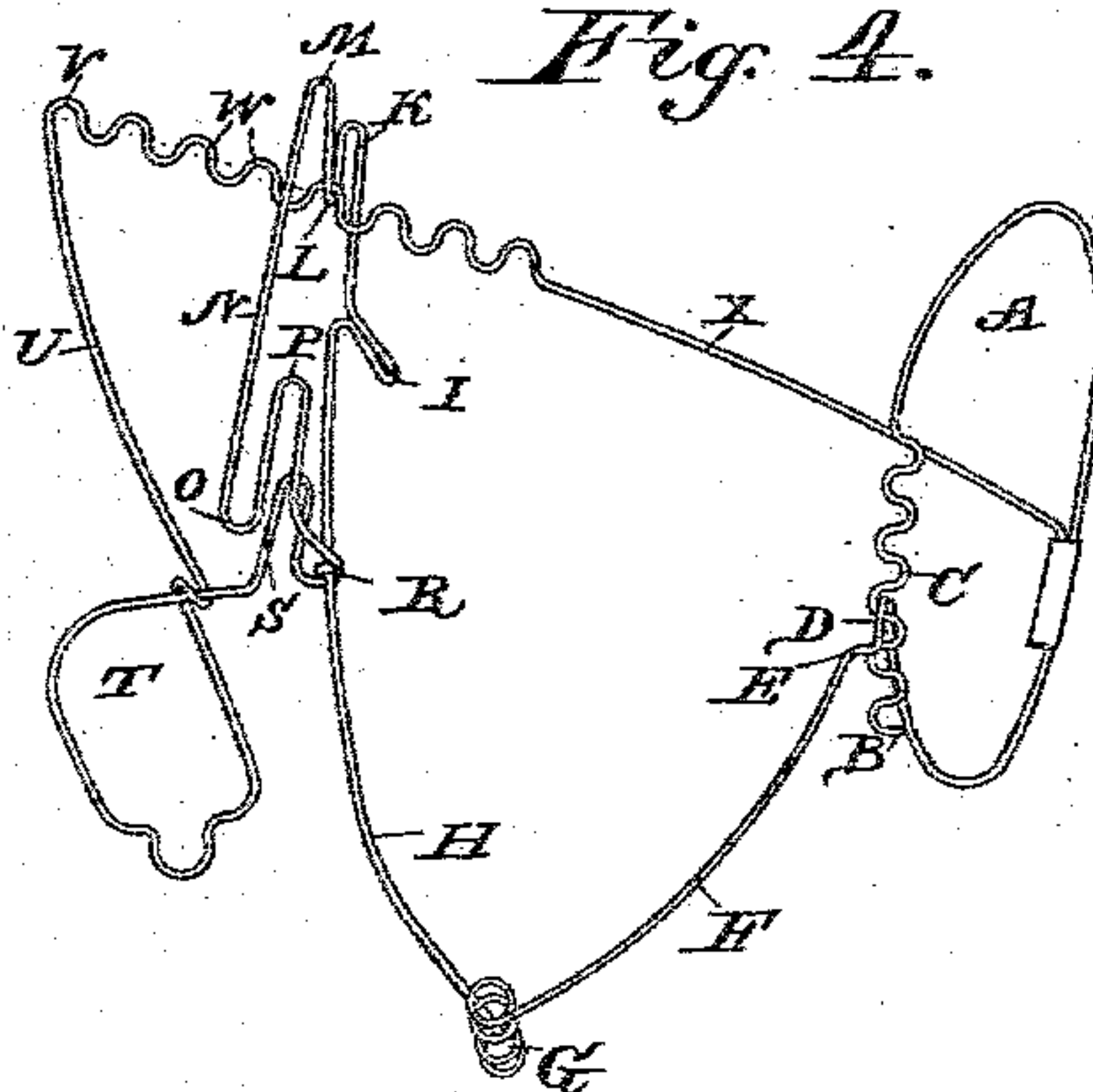


*Fig. 2.*

*Fig. 3.*



*Fig. 4.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ANDREW CASTO HARROD, OF NEWVILLE, INDIANA.

## HAND-REST FOR PENMEN.

SPECIFICATION forming part of Letters Patent No. 356,765, dated February 1, 1887.

Application filed June 11, 1886. Serial No. 204,853. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW CASTO HARROD, a citizen of the United States, residing at Newville, in the county of De Kalb and State of Indiana, have invented a new and useful Improvement in Hand Rests and Guides, of which the following is a specification.

My invention relates to an improvement in hand rests and guides for penmen; and it consists in the peculiar construction and arrangement of parts that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the drawings, Figure 1 is a side elevation of a hand-rest embodying my improvements attached to the hand of a penman. Fig. 2 is a top plan view of the same. Fig. 3 is a front elevation. Fig. 4 is a bottom plan view.

In order to form the rest, I take a piece of wire and first bend it to form an open ring, A, to encircle the wrist. The free end B of the wire is bent to form a series of engaging teeth or notches, C. In the other side of the ring A is formed a loop, D, to engage either of the series of teeth C, and from the said loop the wire is first bent downwardly and outwardly, as at E, and from thence extends outwardly at an angle of about thirty-five degrees from the vertical ring A, forming the arm F. At the outer end of the arm F is made a vertical coil, G, thereby forming a compressible spring of suitable length, from the inner end of which extends a transverse arm, H, which is arranged substantially parallel with the vertical ring A.

Near the outer end of the transverse arm H is formed a vertical stud, I, and at the outer end of the arm H, at a slight distance from the stud I, is made a curve, K, from which extends an inwardly-projecting loop, L. A curve, M, similar to the curve K, is made at the outer end of the loop L, and directly below the curve K and from the curve M extends the transverse arm N, the length of which is a little less than one-half the length of the arm H, the said arm N being below the said arm H.

At the inner end of the arm N is a curve, O, from which extends an outwardly-projecting loop, P, which approaches the loop L. At the outer upper end of the loop P the wire is

coiled twice around the arm H, thereby connecting the said loop to the said arm at the point R. The rod N, the loops L and P, and the curves O, M, and K form a compressible spring, which supports the outer end of the arm or rod H.

From the point R the wire is bent to form an open loop, S, which extends transversely toward the left-hand side of the hand-rest, and from the said loop S the wire is bent to form a closed loop, T, which is supported in front of the transverse rod H, and at about the center of the said rod. From the closed loop the wire extends outwardly toward the left, forming an arm, U, and the wire is then bent at right angles, as at V, and for a considerable distance is bent to form a series of teeth or notches, W, adapted to engage the inner end of the loop L. From the inner end of the series of teeth or notches the wire extends rearwardly, forming an arm, X, the rear end of which is attached to the upper side of the open ring A, at the center thereof.

The operation of my invention is as follows: In order to attach the hand-rest to the hand, the palm is first placed over the rod H, with the third joint of the forefinger bearing against the projection I. The third and fourth fingers are bent under and passed through the closed loop T, the said loop resting in the second joint of the said third and fourth fingers, and the second joint of the thumb bears under the rod M, forming the lower side of the compressible left-hand supporting-spring. The open ring A is then clasped around the wrist, and may be adjusted to fit the wrist by means of the series of teeth C. It will thus be seen that the arm F is under the right-hand lower side of the hand, and that it extends outwardly and forwardly therefrom, so as to support the fleshy part of the hand and prevent it from coming in contact with the paper. The nails of the third and fourth fingers, by being bent under the hand and passed through the loop T, bear upon the paper in the proper position and support the hand at the correct lateral angle. The pen is then grasped between the ends of the thumb and second finger, with the forefinger bearing on the upper side of the pen-holder, the rear end of the pen-holder bearing against the outer side of the projec-



tion I. The function of the series of teeth or notches W is to permit the hand-rest to be adjusted longitudinally in order to suit the length of the hand. The curve E, which connects the loop P with the arm F, raises the wrist above the level of the paper, thus leaving the hand free to move over the surface of the paper, with only the nails of the third and fourth fingers in contact therewith, and permitting free movement of the first and second fingers and the thumb to wield the pen, thus enabling the operation of writing to be proceeded with with great facility and without tiring the penman.

15 Having thus described my invention, I claim—

1. A hand-rest for penmen, comprising the ring A, to clasp the wrist, the arm F, extending outwardly and forwardly therefrom, the transverse rod H, to pass under the hand, the loop T on the front side of the said rod, for the third and fourth fingers, the projection I at the outer end of the rod H, to bear against the pen and the forefinger, and the compressible spring under the outer end of the rod H, substantially as described.

2. A hand-rest for penmen, formed from a single piece of wire and comprising the ring A, to clasp the wrist, the arm extending outwardly and forwardly therefrom, the transverse rod H, to pass under the hand, the loop T on the front side of the said rod, for the third and fourth fingers, the projection I at the outer end of the rod H, to bear against the pen and the forefinger, and the compressible spring under the outer end of the rod H, substantially as described.

3. The combination, in a hand-rest for penmen, of the ring A, to embrace the wrist, the

arm F, extending forwardly and outwardly from the under right-hand side of the ring, the transverse arm H at the outer end of the arm F, to pass under the palm of the hand and carrying the loop T for the third and fourth fingers and the projection I for the forefinger and the pen-holder, the rod X, connecting the outer end of the rod H with the upper side of the ring A, and means for adjusting the outer end of the rod H longitudinally back or forth upon the rod X, for the purpose set forth, substantially as described.

4. A hand-rest for penmen, comprising the wire bent to form the open ring A, having the teeth or notches C, the loop D, for engaging the said teeth or notches, the arm F, extending outwardly and forwardly from the ring A, the spring G at the outer end of the arm F, the transverse rod H, extending from the spring G and having the projection I near its outer end, the compressible spring under the outer end of the arm H, the loop T in front of the arm H, the arm U, extending from the said loop in front of the rod H, and bent at right angles, as at V, and the rearward-extending arm X, attached to the ring A and having the series of teeth or notches W, adapted to engage the compressible spring under the outer end of the rod H, substantially as described.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in presence of two witnesses.

ANDREW CASTO HARROD.

Witnesses:

PRUDIE LOUNSBERRY,  
J. A. THOMAS.