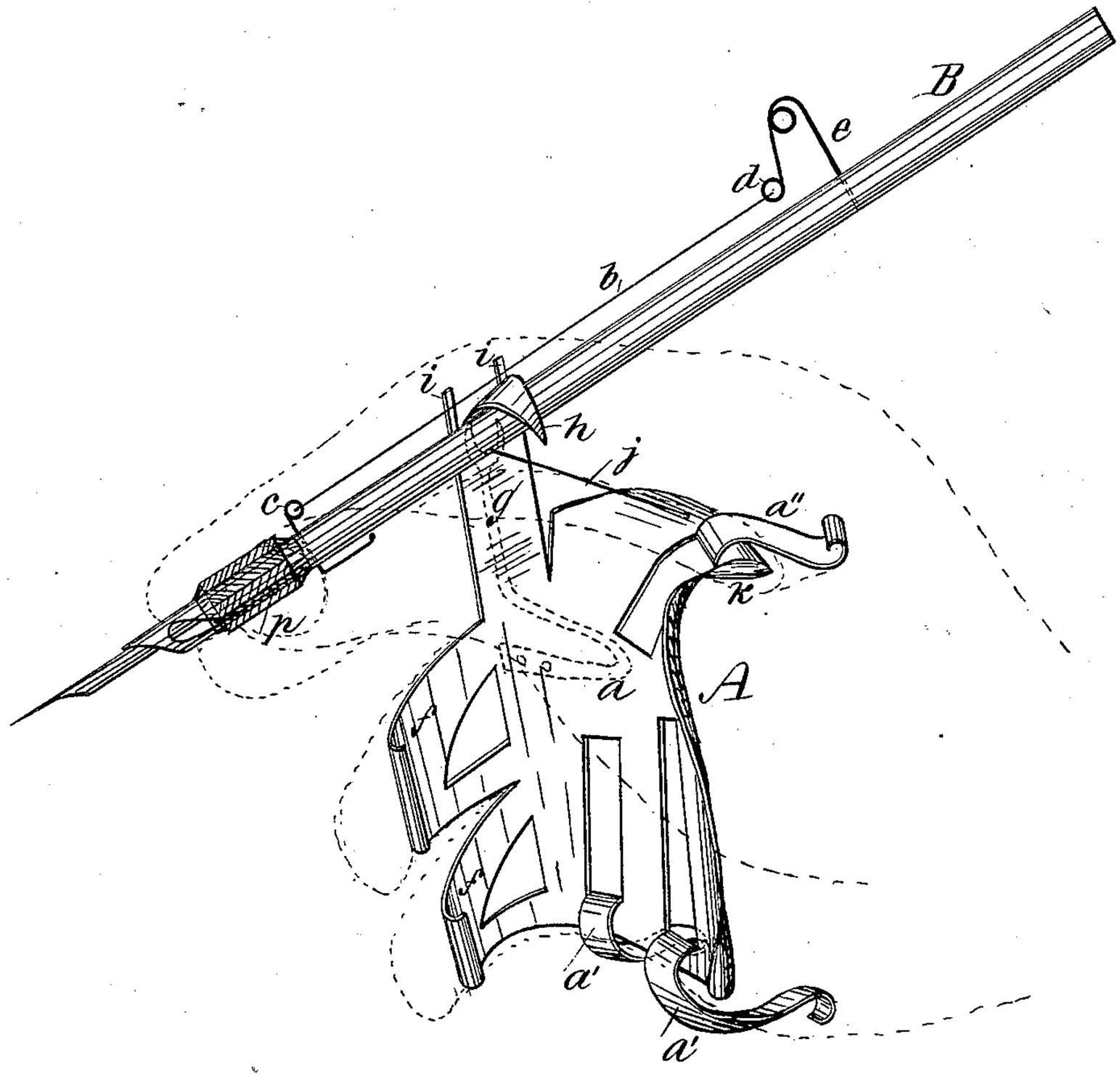
(Model.)

S. S. ROGERS.

WRITING IMPLEMENT.

No. 256,742. Patented Apr. 18, 1882.



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SAMUEL S. ROGERS, OF DAYTON, WASHINGTON TERRITORY.

WRITING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 256,742, dated April 18, 1882.

Application filed September 29, 1881. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL S. ROGERS, of Dayton, in the county of Columbia, Washington Territory, have invented a new and Improved Writing Implement, of which the following is a full, clear, and exact specification.

The object of my invention is to provide a device by means of which beginners in learning to write may easily acquire the habit of holding the hand and the pen-holder in the proper position.

The invention consists in providing the pen-holder with a suitable guiding-wire, and also in the pen-holder provided with the said guiding-wire, in combination with the writing-grasp formed with guides for the holder and the said wire, and also of the details of construction of the grasp, and of the combinations and arrangements of the parts thereof, as hereinafter fully described.

Reference is to be had to the accompanying drawing, forming part of this specification.

The figure represents a perspective view of my improved writing-grasp and pen-holder, the holder being shown in position for use.

In the figure, A represents the hand or writing grasp, which is formed of elastic sheet metal, hard rubber, celluloid, or any other suitable material; and B represents the pen-holder, which is of any ordinary construction, save that it is provided upon its upper side with the guide-wire *b*, which is stretched from the eye *c* to the eye *d*, which latter is formed in the end of the downwardly-bent elastic wire *e*, which serves as a tension to hold the wire *b* taut. The main palm-supporting frame *a* of the writing-grasp is of such size and shape as to fit nicely in the palm of the hand, and is adapted to be grasped in such manner that the first and second fingers and the thumb may come together naturally for conveniently holding the pen-holder, as shown in dotted lines in the drawing, and this frame is provided with the supports *f f* for the third and fourth fingers and with the guide *g* for the pen-holder. The supports *f f* should have sufficient spring or elasticity, and should be so formed as to normally stand out, so as to require some pressure from the third and fourth fingers in order to bring them down and to permit and assist the said fingers to rest in proper position upon the paper.

The upper end of the guide *g* is formed with the hook *h*, which passes over the pen-handle, and with the prongs or arms *i i*, which come against the wire *b* when the pen-holder is in place for use.

To hold the pen-holder up under the hook *h*, so as to prevent lateral movement thereof, I provide the wire *j*, upon which the holder rests, which wire reaches from the said guide *g* across to the upwardly-curved portion *k* of the frame of the grasp, which portion comes between the thumb and the knuckle of the first finger.

In order to conveniently secure the grasp to the hand, I provide the main frame at its rear end with the upwardly-curved springs *a' a'* and at its forward end with the downwardly-curved spring *a''* to fit over the hand and hold the grasp in place. These springs are preferably formed from portions of the material of the palm-supporting frame, which are formed by making suitable incisions in the metal and bending the strips thus separated from the main sheet downwardly, outwardly, and upwardly, as clearly shown in the drawing.

I do not confine myself to these springs as a means for holding the frame upon the hand, as many other means for this purpose might be devised.

With this device the third and fourth fingers are always prevented from drawing up or closing upon the palm of the hand, and the main difficulty in writing—that of the tendency of the hand to draw into a cramped and unnatural position—may be entirely overcome by the use of this writing-grasp. Besides, by the use of this device the habit of always holding the pen so that the nibs thereof will always correspond with the proper slant of the letters may also be easily acquired.

Instead of using the wire *j* for holding the pen-holder under the hook *h*, a spring may be attached to the grasp and bent up so as to form an elastic support for the pen-holder on the under side and press it upward against the hook, as shown in dotted lines in the drawing; and, instead of using a single guide-wire, *b*, on the pen-holder, two or more wires may be used.

Upon the pen-holder, where the thumb and fingers grasp it, I place the collar *p*, of rubber or other similar material, to assist in holding the pen.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The pen-holder B, provided with the eyes *c* and *d*, and with the guide-wire *b*, substantially as and for the purposes described.

2. The main frame *a*, formed with the guide *g* and provided with the wire *j*, in combination with the pen-holder B, provided with the guide-wire *b*, the upper end of the guide *g* being formed with the hook *h*, and the arms *i i*, as and for the purposes set forth.

3. The main palm-supporting frame *a*, formed with the finger-supports *f f*, the guide *g*, and the springs *a'* and *a''*, substantially as and for the purposes set forth.

4. The pen-holder B, provided with the wire *b*, in combination with the guide *g*, formed with the hook *h*, arms *i i*, and the wire *j*, secured to the said guide and to the curved portion *k* of the frame, as and for the purposes set forth.

5. The handle B, provided with the tension-spring *e* and with the eye *c*, in combination with the wire *b*, as and for the purposes set forth.

SAMUEL SCOTT ROGERS.

Witnesses:
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