

No. 621,472.

Patented Mar. 21, 1899.

J. FIBRIG.

APPARATUS FOR ATTAINING CORRECT POSITION OF PENS WHEN WRITING.

(Application filed Dec. 31, 1897.)

(No Model.)

Fig. 2.

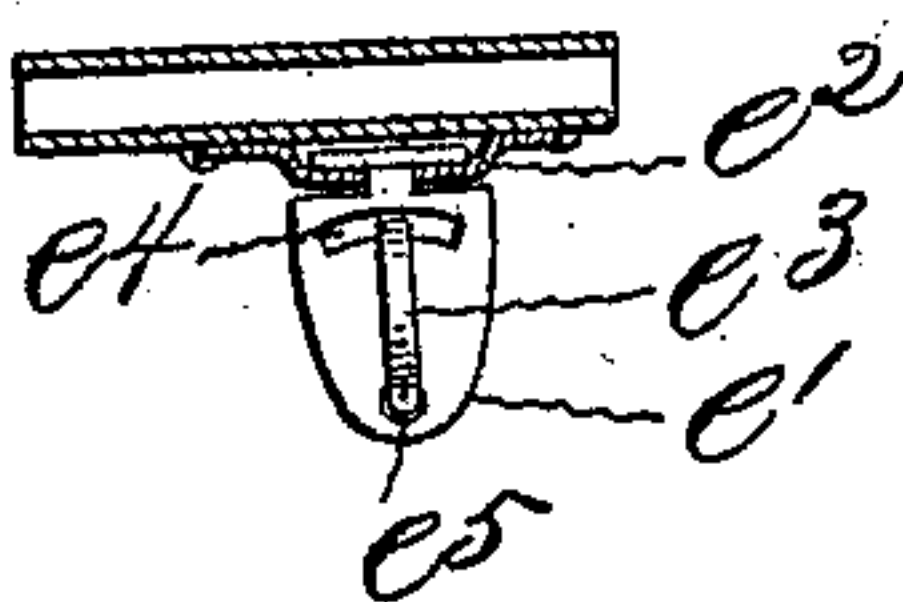
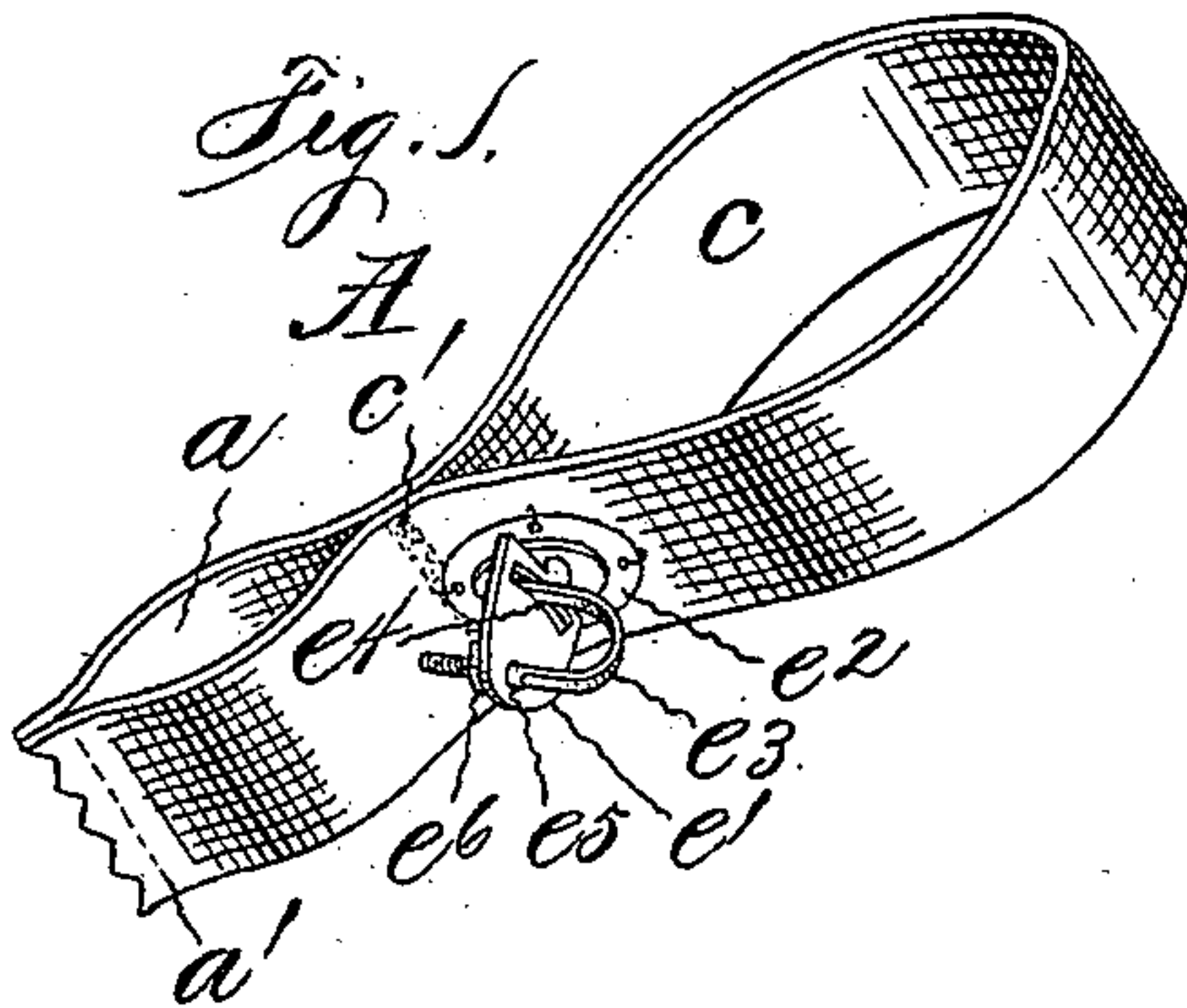


Fig. 1.



Witnesses:
B. L. Ober.
W. Sommers

Inventor.
Johann Fibrig.
by Henry M. Allen

UNITED STATES PATENT OFFICE.

JOHANN FIBRIG, OF UNTER-THÖRL, AUSTRIA-HUNGARY.

APPARATUS FOR ATTAINING CORRECT POSITION OF PENS WHEN WRITING.

SPECIFICATION forming part of Letters Patent No. 621,472, dated March 21, 1899.

Application filed December 31, 1897. Serial No. 665,006. (No model.)

To all whom it may concern:

Be it known that I, JOHANN FIBRIG, a subject of the Emperor of Austria-Hungary, residing at Unter-Thörl, in the Province of Carinthia, in the Empire of Austria-Hungary, have invented certain new and useful Improvements in Apparatus for Attaining the Correct Position of Pens when Writing, (for which Letters Patent have been obtained in Austria, dated June 20, 1897, registered Vol. 47, Fol. 2,326; in Belgium, dated August 31, 1897, No. 129,984; in Hungary, dated September 18, 1897, No. 10,748; in Germany, Gebrauschmuster, dated September 18, 1897, No. 83,816; in France, dated December 2, 1897, No. 272,748; in Great Britain, dated November 17, 1897, No. 26,937; in Italy, dated November 27, 1897, Reg. Gen. 34/46,400, Reg. Att. 90/307; in Switzerland, dated December 13, 1897, No. 15,919, and in Russia, dated December 25, 1897;) and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to mechanical aids in the teaching of penmanship; and its object is to provide a device which will hold the pen in any required position until the proper holding becomes automatic and the use of the device can be dispensed with.

Broadly speaking, the invention consists in the construction and use of two elastic bows in such a position upon the hand that the thumb, forefinger, and pen are held together at the correct relative distances. The pen is thus kept at the proper slope, and the writing is thereby facilitated.

In the accompanying sheet of explanatory drawings, Figure 1 is a perspective view of a device embodying my invention, and Fig. 2 is a sectional detail view thereof.

The device consists, essentially, of a band A, of elastic material, stitched or otherwise united at a' and c' to form two loops a and c of unequal size, the latter for the insertion of the four fingers and the former a for the insertion of the thumb when used in writing.

In devices of this kind it has been proposed

to provide a bearing or holder for the writing instrument, (pen or pencil,) the angle of which relatively to the thumb and fingers depends chiefly upon the elasticity of such holder and upon the pressure of the forefinger upon the writing instrument, so that the teacher is compelled, when the device is used by a pupil, to adjust the writing implement to the proper angle and see that it is held in the adjusted position during the use of the device.

The object of this invention is to obviate these inconveniences by providing an adjustable holder and means for locking the writing instrument immovably into its adjusted position. To this end I attach to the elastic band at the point of junction of the two loops a bearing-plate e^2 , to which is swiveled or otherwise journaled a horizontal supporting-plate e' for the writing instrument, said supporting-plate being preferably made tapering toward its outer end and having said end rounded, as shown, and provided with a hole e^5 , a segmental slot e^4 , having for center the center of said hole, being formed near the inner end of the plate e' . With this supporting-plate I combine a U-shaped clamp e^3 , whose shanks are inserted into the aforesaid slot and hole, the shank passing through the latter being longer than the one that extends into the slot e^4 , and screw-threaded for the reception of a nut e^6 . It will thus be seen that the clamp can turn about one of its shanks, whereby the writing instrument can be adjusted to the proper angle and then clamped immovably to the supporting-plate by the nut e^6 .

Inasmuch as the supporting-plate e' is swiveled to the plate e^2 the writing instrument can readily follow the movements of the fingers, while no exertion is required to hold the said instrument in the proper position in writing.

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

1. Means for holding the pen or pencil in correct position for use, comprising an elastic main loop adapted to embrace the four fingers and provided with a looped extension for the thumb, and a revoluble pencil or pen clamp secured to said main loop between it and its extension, for the purpose set forth.

2. The combination with the elastic band having loops *a* and *c*, of a metal plate swiveled or journaled to the band at the junction of said loops, said plate provided near its
5 outer end with a hole, and near its inner end with a segmental slot having for center the center of said hole; of the U-shaped clamp *e*³ whose shanks extend through said slot and hole respectively, the shank extending

through the hole being screw-threaded and 10 carrying a nut below the plate, substantially as and for the purpose set forth.

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

JOHANN FIBRIG.

Witnesses:

HENRY C. CARPENTER,
CHAS. E. CARPENTER.