No. 794,042. PATENTED JULY 4, 1905.

C. A. O'CONNOR.

DESK PAD ATTACHMENT.

APPLICATION FILED MAR. 25, 1905.

Fig. 1.

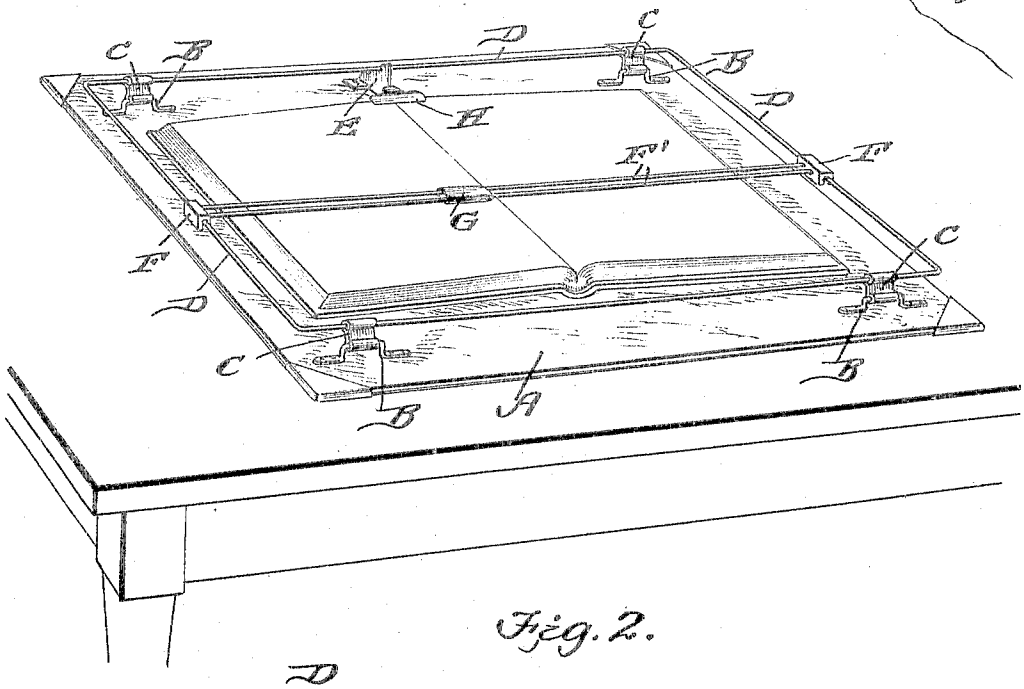


Fig. 2.

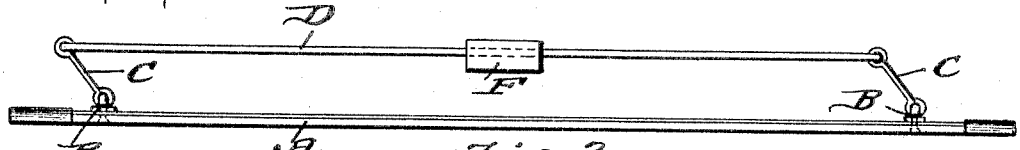


Fig. 3.

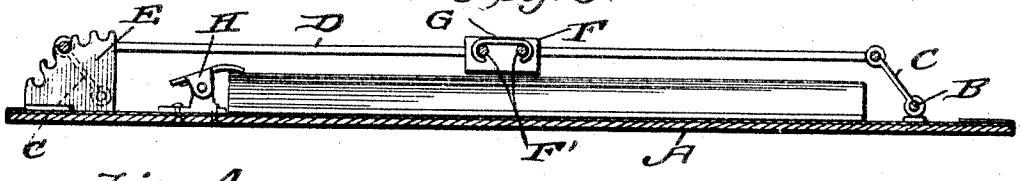


Fig. 4.

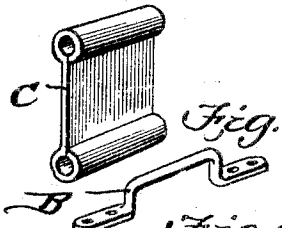


Fig. 5.

Fig. 6.

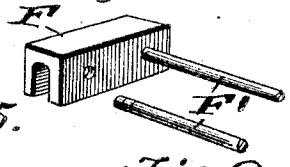


Fig. 7.

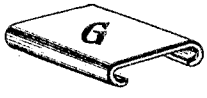


Fig. 8.

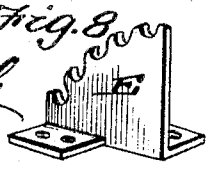
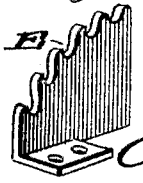


Fig. 9.



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No. 794,042. Patented July 4, 1905.

UNITED STATES PATENT OFFICE.

CHARLES AUGUSTINE O'CONNOR, OF NEW YORK, N. Y.

DESK-PAD ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 794,042, dated July 4, 1905.

Application filed March 25, 1905. Serial No. 251,958.

To all whom it may concern:

Be it known that I, CHARLES AUGUSTINE O'CONNOR, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a new and useful Improvement in Desk-Pad Attachments, of which the following is a specification.

This invention relates to an improved desk-pad attachment particularly adapted for the use of copyists, bookkeepers, and others whose vocation requires the constant use of the pen; and the object of my invention is to provide an attachment in which a hand-rest is employed which serves the double purpose of forming a guide in writing and also to relieve the hand, wrist, and arm from strain or friction.

A further object of my invention is to provide an attachment capable of adjustment, so that the device as a whole may be regulated and adapted for use in writing upon a single sheet of paper or for making entries into ledgers and other large books.

With these briefly-stated objects in view my invention comprises a frame pivotally connected to a pad and having a vertically and transversely movable hand-rest operating thereon and a bracket for engagement by the frame for holding it in its adjusted position.

My invention also comprises certain details of construction and novel combination and arrangement of parts, as will be fully described in the following specification and pointed out in the claims, reference being had to the drawings, in which—

Figure 1 represents my improvement as in use. Fig. 2 is a side elevation, and Fig. 3 a longitudinal sectional view, of the same. Fig. 4 is a detail perspective view of one of the links for pivotally supporting the frame. Fig. 5 is a detail view of one of the staples to which the links are connected. Fig. 6 is a detail perspective view illustrating one of the sliding blocks carried by the frame and showing the manner of connecting the rods to which the hand-rest is connected. Fig. 7 is a detail view of the hand-rest, and Fig. 8 and Fig. 9 are detail perspective views of the toothed bracket which forms a rest for the frame and by which the frame is locked in its adjusted position.

In carrying out my invention I employ the ordinary desk-pad A, preferably one having a rigid back, and in each corner of the pad I rivet or otherwise secure a staple B, to which is connected a broad link C, and to the opposite ends of the links are connected the rectangular-shaped frame D. In practice I propose to construct the staples and frame of steel wire of sufficient gage to insure rigidity and to flatten the ends of the staples to permit of them being perforated for the reception of the rivets by which the staples are secured to the pad. The links I propose to make of sheet-steel and to bend their ends into tubular form, one end engaging the clips and the other end being adapted to receive the frame.

When the parts thus described are arranged in position, it will be seen that I provide a movable frame which may be raised or lowered as occasion may require, and in order to hold the frame in the position to which it has been adjusted I provide a bracket E, having an inclined top portion which is provided with notches or serrations in which the rear end of the frame rests and by which it is supported and held in the position desired. The lower edge of the bracket is bent to provide ears, which are perforated for the reception of rivets, by which it is held to the pad.

Sliding upon the side members of the frame D are U-shaped blocks F, each block having threaded apertures in which are screwed or otherwise secured the ends of connecting rods or links F′, and slidably mounted upon these rods is a hand-rest G, whose ends are bent downwardly and inwardly to fit around the connecting rods or links to permanently retain it in position.

In practice my invention is preferably connected to a desk-pad; but of course it will be understood that it may be connected to a table or desk, and after the parts have been assembled and it is desired to make entries or

writings in a book or ledger the hand-rest and the connected parts may be removed or pushed to one end of the frame, and the book or ledger is then placed in position and the frame adjusted so that the hand-rest and supports therefor may freely slide over the book without coming in contact therewith. When the desired adjustment has been obtained, the rear member of the frame is brought in engagement with the bracket, which securely holds it. The hand-rest is then adjusted in position, after which it may be moved both longitudinally and transversely to write upon any part of the book. In practice I employ a clamp H for holding the book and paper steadily in position; but this clamp may be of any construction such as is now employed for holding loose sheets of papers, &c.

From the foregoing it will be seen that I provide a very cheap, simple, and convenient device which not only serves as a hand-rest to relieve the strain when making entries or otherwise writing in a book, but that I also provide a device to assist one in writing upon a horizontal line, as the hand-rest will easily slide laterally upon its support without the latter being moved only when it is desired. It will also be understood that in bookkeeping my invention will be found particularly useful, and the connecting rods or links may be used as a guide in drawing lines when closing an account and for other purposes, as will be obvious.

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

1. In a device of the kind described, the combination with a desk-pad, of a frame pivotally secured thereto, a bracket carried by the pad and having a notched edge with which the frame engages, blocks carried by the frame, rods connecting the blocks, and a hand-rest slidably retained upon the rods, substantially as specified.

2. In a device of the kind described, the combination with a pad, of staples secured thereto, links having one end connected to the staples, a rectangular-shaped frame, connected to the opposite ends of the links, a bracket connected to the pad, said bracket having its upper edge curved and provided with a series of notches, which are adapted for the reception of the rear member of the frame, blocks slidably retained upon the frame, rods connecting the blocks, and a hand-rest slidably retained upon the rods.

3. In a device of the kind described, the combination with a support, of staples secured thereto, links pivotally connected to the staples, a rectangular-shaped frame, pivotally connected to the links, said links having their ends bent into tubular form to provide the pivotal connections between the staples and frame, inverted-U-shaped blocks slidably mounted upon the frame, rods connecting the blocks, a hand-rest slidably retained upon the rods, said rest having its ends bent around the rods whereby it is held in position thereon, and a bracket connected to the support, said bracket having notches to receive the frame and also having ears by which it is connected to the support substantially as specified.

4. In a device of the kind described, the combination with a support, of staples secured thereto, a rectangular-shaped frame pivotally connected to the staples, a support slidably mounted upon the frame, a hand-rest movably held upon the last-mentioned support, and a bracket for engagement by the frame.

5. In a device of the kind described, the combination with a support, of a frame pivotally connected to the support, a support slidably mounted upon the frame, a hand-rest slidably retained upon the last-mentioned support, and a bracket for engagement by the frame, and by which the latter is engaged, for the purpose specified.

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