

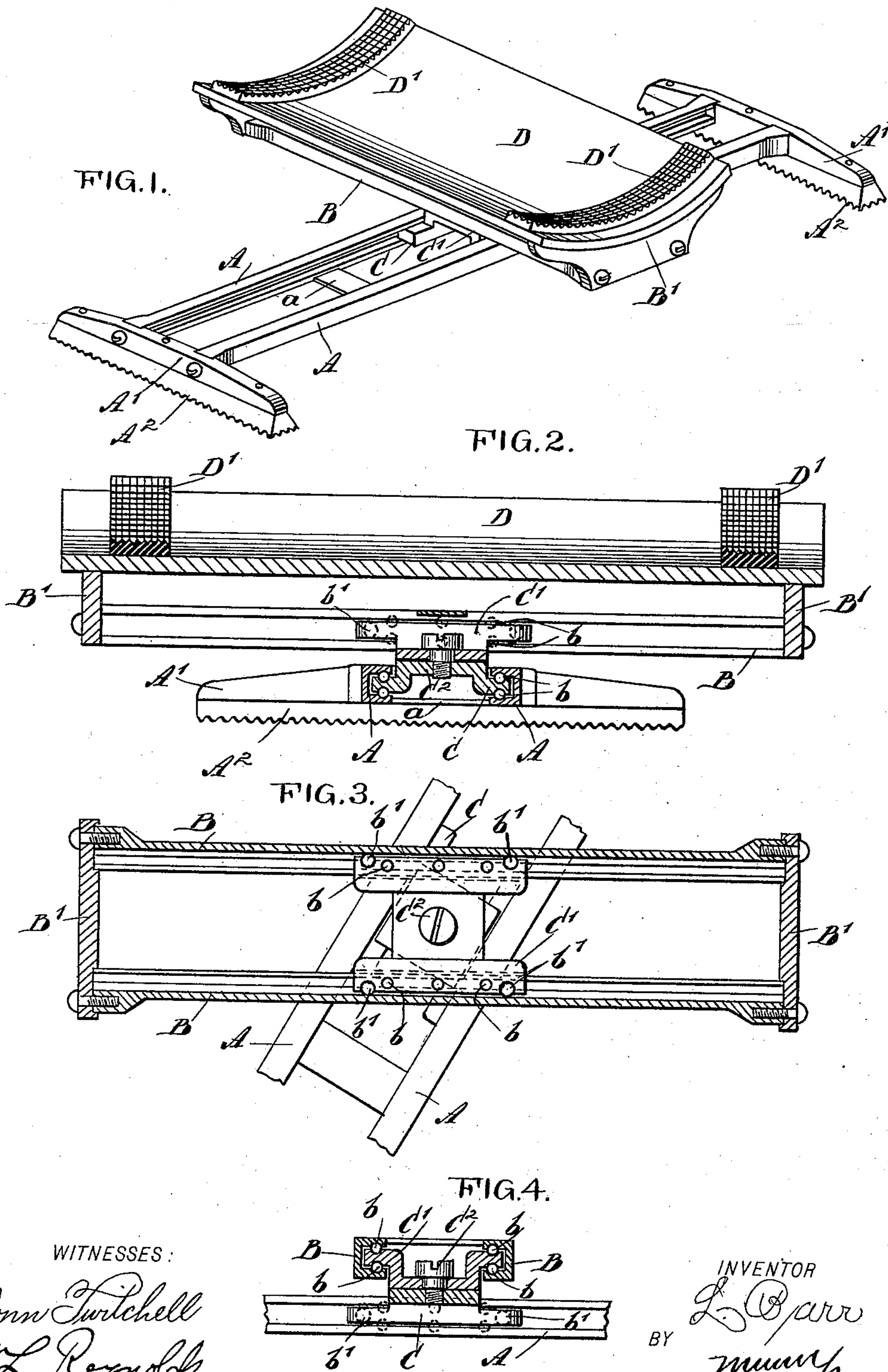
No. 607,675.

Patented July 19, 1898.

L. BARR.
ARM REST.

(Application filed Aug. 18, 1897. Renewed Apr. 1, 1898.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEWIS BARR, OF DAYTON, OHIO.

ARM-REST.

SPECIFICATION forming part of Letters Patent No. 607,675, dated July 19, 1898.

Application filed August 18, 1897. Renewed April 1, 1898. Serial No. 676,137. (No model.)

To all whom it may concern:

Be it known that I, LEWIS BARR, of Dayton, in the county of Montgomery and State of Ohio, have invented a new and Improved Arm-
5 Rest, of which the following is a full, clear, and exact description.

My invention relates to certain improvements in arm-rests intended for the use of writers, artists, and persons of all occupations
10 making large use of a pen or pencil.

The invention comprises, essentially, a frame having feet or arms extending across the same at each end and a longitudinal guideway within which slides one of two blocks, which
15 are pivoted to each other. Upon the other block slides a plate, which is preferably concaved upwardly and adapted to act as a support for the forearm, said plate being provided upon its under surface with a longitudinal guideway engaging the upper of the
20 blocks or slides. This construction thus permits universal movement in any direction within its limit.

The invention consists of certain novel features and parts, which will be particularly described and claimed hereinafter.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.
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Figure 1 is a perspective view of the device. Fig. 2 is a cross-sectional elevation taken through the upper plate. Fig. 3 is a sectional plan taken through the guideways upon the
35 upper plate, and Fig. 4 is a cross-sectional elevation taken through the pivoted blocks and showing a portion of the guideway of the lower frame.

The object of my invention is to provide a
40 device for the use of bookkeepers, clerks, and all persons using a pen or pencil, and is designed to support the forearm and allow freedom of movement in any direction.

The invention comprises a lower frame consisting of the longitudinal bars A A, provided in their inner or opposed surfaces with a groove and connected at each end by cross-bars A'. They may also be connected at intermediate points by suitable cross-ties a, if
45 necessary. These cross-ties, however, should be upon the under surface of the guideways to permit the blocks hereinafter described to

slide over them. Preferably the under surfaces of the cross-bars A' are covered with a cushion A², which consists of a sheet of rubber, felt, or similar yielding material. This
55 cushion prevents marring any object upon which the device is placed, and insures sufficient friction to hold the device securely in place.

The upper or arm plate D is preferably concaved, so as to fit the under surface of the forearm, and is also provided with strips D' of rubber or similar material, located at each end thereof. At each end of this plate D
65 are fixed cross-bars B', extending downwardly and carrying the longitudinal bars B, which are provided upon their inner or opposed surfaces with grooves adapted to receive the edges of the sliding block C'.
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Two blocks C and C' are pivoted to each other by a central pivot C², so that they may turn upon each other. These blocks are provided with bars upon each side, adapted, respectively, to engage the grooves in the bars
75 A and B and to slide therein. This construction permits the upper plate D and the sliding blocks C and C' to move longitudinally of the lower frame. It also permits of the upper plate D moving upon the blocks as
80 well as pivoting thereon, and thus there is a universal movement of the upper plate D within the limits of the device. These limits may be increased by making the parts of
85 larger size.

In using the device the lower frame is placed at the bottom of the page or sheet of paper to be written upon and extending laterally of the same or substantially at right angles to the position of the forearm. The forearm
90 is rested upon the upper plate D, which, being free to move with the arm in any direction, furnishes a support for the arm without affecting its freedom of motion.

This device will furnish a convenient support for the arm, and will thus avoid the tiring thereof due to continuous writing.
95

The device may be easily shifted from one place to another, so that it may be used in any position. It may be used for writing in
100 books, drawing upon paper or other material, and for any use in which a pen or pencil is used by the hand.

The slide-blocks C and C' may be provided

with balls *b* and *b'*, let into recesses in the blocks and bearing upon the horizontal and vertical surfaces of the guideways.

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

1. An arm-rest, comprising a frame having longitudinal guideways and adapted to extend substantially at right angles to the forearm, slide-blocks pivoted one on the other, the lower block fitting the guideways on said frame, and a plate acting as an arm-rest, having longitudinal guideways engaging the upper of the slide-blocks and slidable thereon, and ball-bearings intervening said blocks and guideways, substantially as described.

2. An arm-rest, comprising a frame having longitudinal guideways; cross-bars attached to each end of the frame and having a cushion of yielding material beneath them, slide-blocks pivoted one on the other, the lower block fitting the guideways on said frame,

and a plate acting as an arm-rest and having longitudinal guideways engaging the upper of the slide-blocks and slidable thereon, substantially as described.

3. An arm-rest, comprising a frame having longitudinal guideways, two slide-blocks pivoted one on the other, the lower block fitting the guideways on the said frame, and an arm-rest consisting of a plate concaved upwardly and having longitudinal guideways beneath it and engaging the upper of the slide-blocks and slidable thereon, substantially as described.

4. An arm-rest, comprising two members, each having a longitudinal guideway, and two slides adapted to engage the respective guideways and pivoted one to the other, substantially as described.

LEWIS BARR.

Witnesses:

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