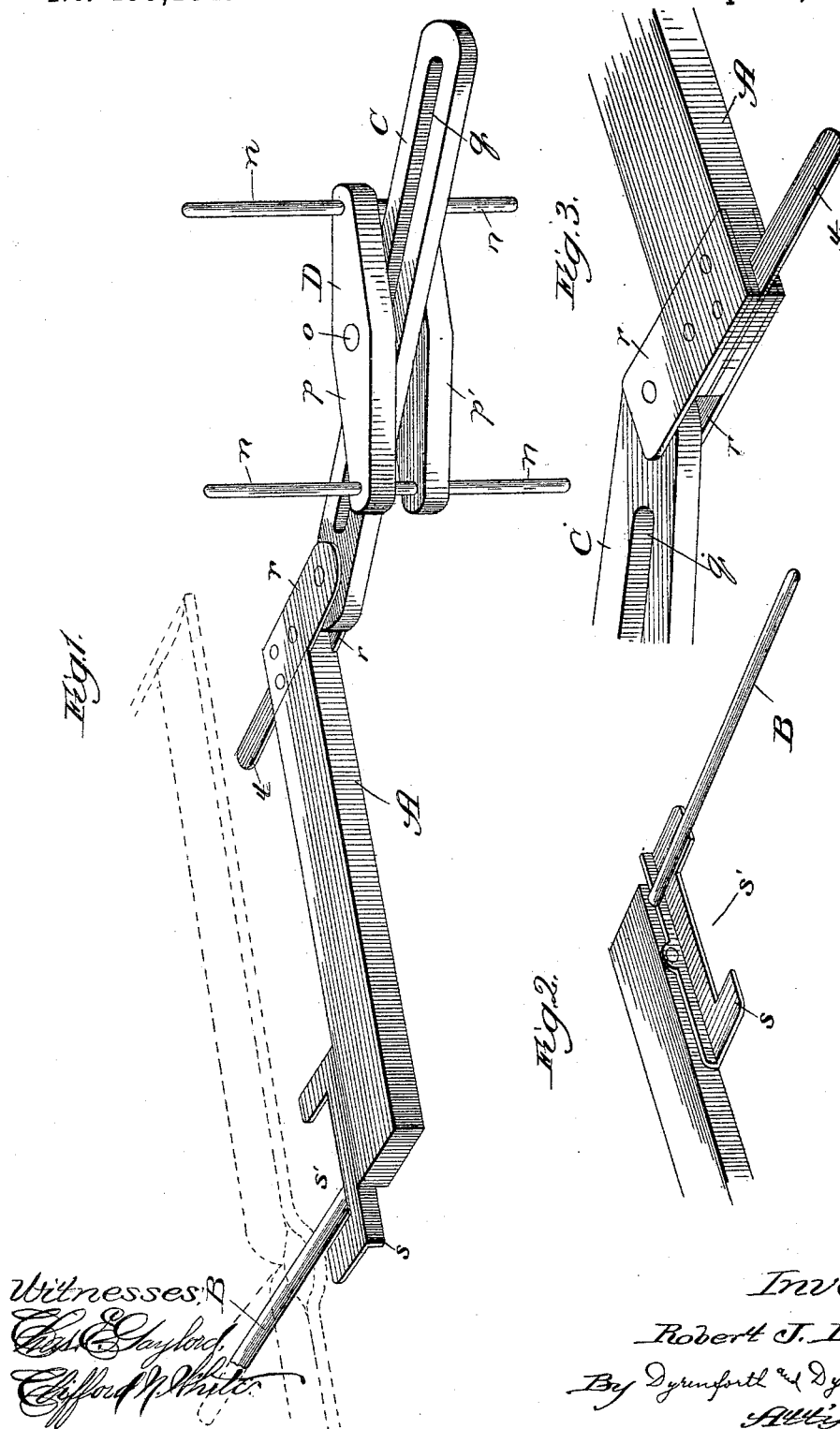


(No Model.)

R. J. DAVIS.
ARM SUPPORT.

No. 459,134.

Patented Sept. 8, 1891.



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UNITED STATES PATENT OFFICE.

ROBERT J. DAVIS, OF CHICAGO, ILLINOIS.

ARM-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 459,134, dated September 8, 1891.

Application filed March 30, 1891. Serial No. 386,948. (No model.)

To all whom it may concern:

Be it known that I, ROBERT J. DAVIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Arm-Supports, of which the following is a specification.

My invention relates to improvement in supports for the use of book-keepers and others, while writing in account-books and other books of large size to steady the hand and relieve the shoulder from the weight of the raised forearm while writing at the lower ends of pages. My object is to provide an arm-support of the above class and of an improved construction which will render it particularly convenient and desirable for its purpose.

In the drawings, Figure 1 is a perspective view of my improved device, illustrating the way of applying it to a book; and Figs. 2 and 3, broken and enlarged perspective views of parts of the device, showing their preferred construction.

A is a supporting-bar provided at one end with a rod B, which extends from an edge of the supporting-bar at a right angle thereto. At the opposite end of the supporting-bar and extending parallel with the rod B is a supporting-blade *t*. A plate *s*, flanged to a right angle along one edge, is pivoted at about the center of its flange to the edge of the supporting-bar A, adjacent to the rod B. The plate *s* is provided in its free edge with a recess *s'*. At the end of the bar A where it is provided with the blade *t* are secured bearing-plates *r*, which project beyond the edge of the bar A opposite the blade *t*. Pivotally secured to the plates *r*, between the latter, is a swinging supporting-bar C, provided centrally with a longitudinal guide-slot *q*. D is a sliding block formed of two similar parts *p* and *p'* on opposite sides of the bar C and held in fixed relation by a central pin *o*, which passes through the parts *p p'* and loosely through the guide-slot *q*. At opposite ends of the sliding block D are pins *n*, which may pass through both parts *p* and *p'* and should extend, as shown, beyond the opposite faces of the block.

To place the device in operative position

upon an open book, the rod B is inserted into the opening between the bound edges of the leaves and back of the book, and the plate *s* may be caused to rest upon the faces of the open pages; or it may be inserted at its ends between leaves, the recess *s'* receiving the edges of the leaves. The bar A may be swung upon the pivot thus afforded by the rod B to extend along the lower edges of the pages at the right or left hand side of the book, whereby either the part *p* or *p'* of the sliding block may be uppermost, and the blade *t* is inserted between leaves of the book to steady the bar A in its adjusted position.

In operation the writer rests his forearm upon the block D between the pins *n*, and owing to the pivotal connection of the bar C with the bar A and the facility with which the block D slides upon the bar C the writer may move his hand, while writing, in any direction without obstruction. He is thus able while resting his arm to move his hand freely across the bottom of the page and without hinderance to his writing. The bar C may be swung around to extend with the block D beyond the side edge of the book, whereby the device will be out of the way while not in use and need not therefore be removed when the writer is writing toward the top of a page.

What I claim as new, and desire to secure by Letters Patent, is—

1. In an arm-rest, the combination of a support provided with means for attaching it to a book, and an arm-support pivotally secured thereto to swing laterally and accompany the movement of the arm in writing across a page, substantially as described.

2. In an arm-rest, the combination of a support provided with means for attaching it to a book, an arm-support pivotally secured thereto to swing laterally and accompany the movement of the arm in writing across a page, and a sliding block upon the said pivotal support, substantially as described.

3. In an arm-rest, the combination of a support, attaching means for the support, comprising a rod at one end of the support to enter between the back of the book and the bound edges of the leaves thereof and a pro-

jection toward the opposite end of the support to rest upon leaves of the book, and a pivotal arm-support, substantially as described.

5 4. In an arm-rest, the combination of a supporting-bar A, a bearing-rod B, and a supporting projection *t* on the bar A, a bar C, pivot-

ally connected at one end to the bar A, and a sliding block upon the bar C, substantially as described.

ROBERT J. DAVIS.

In presence of—

J. W. DYRENFORTH,

M. J. FROST.