

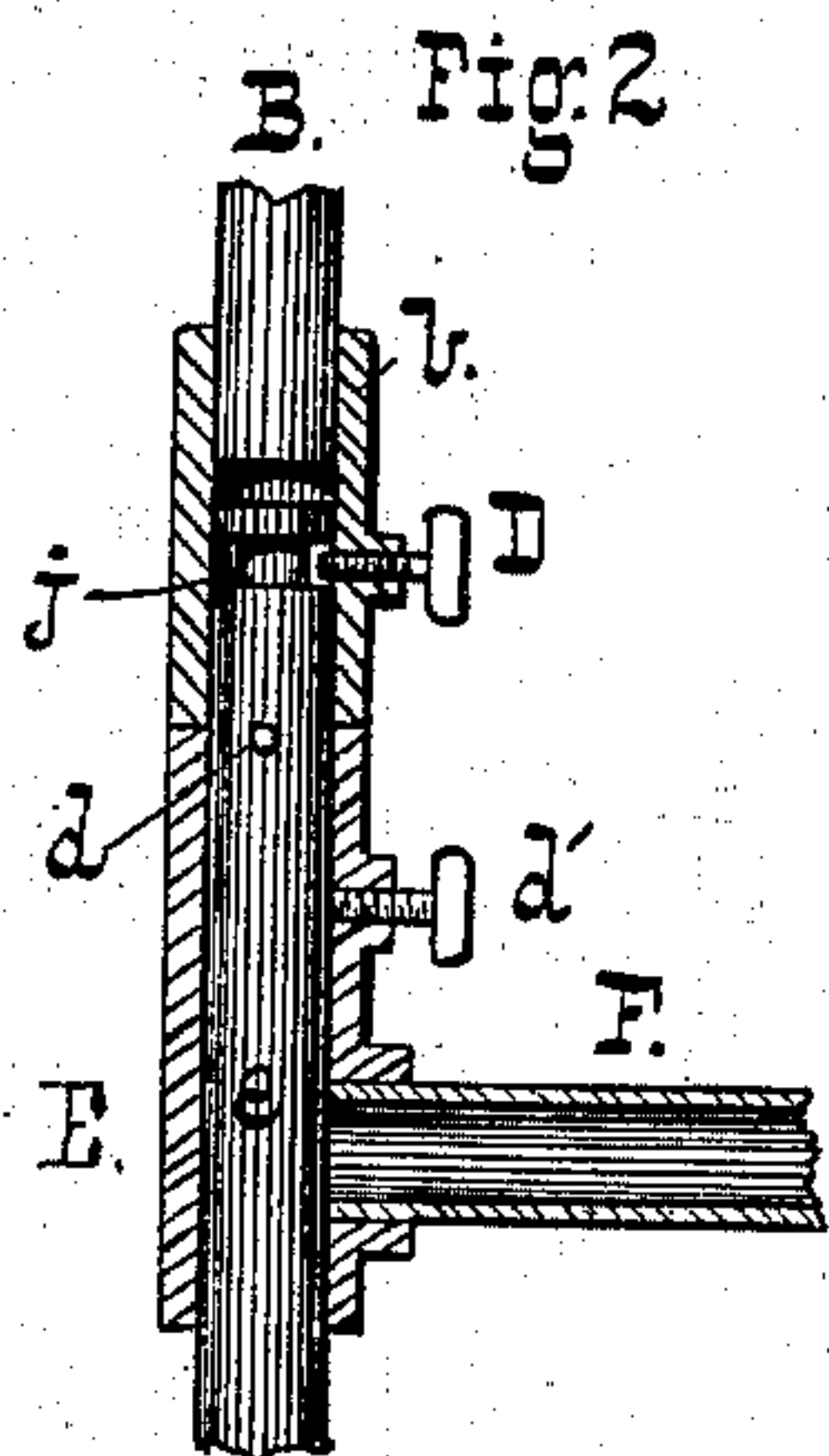
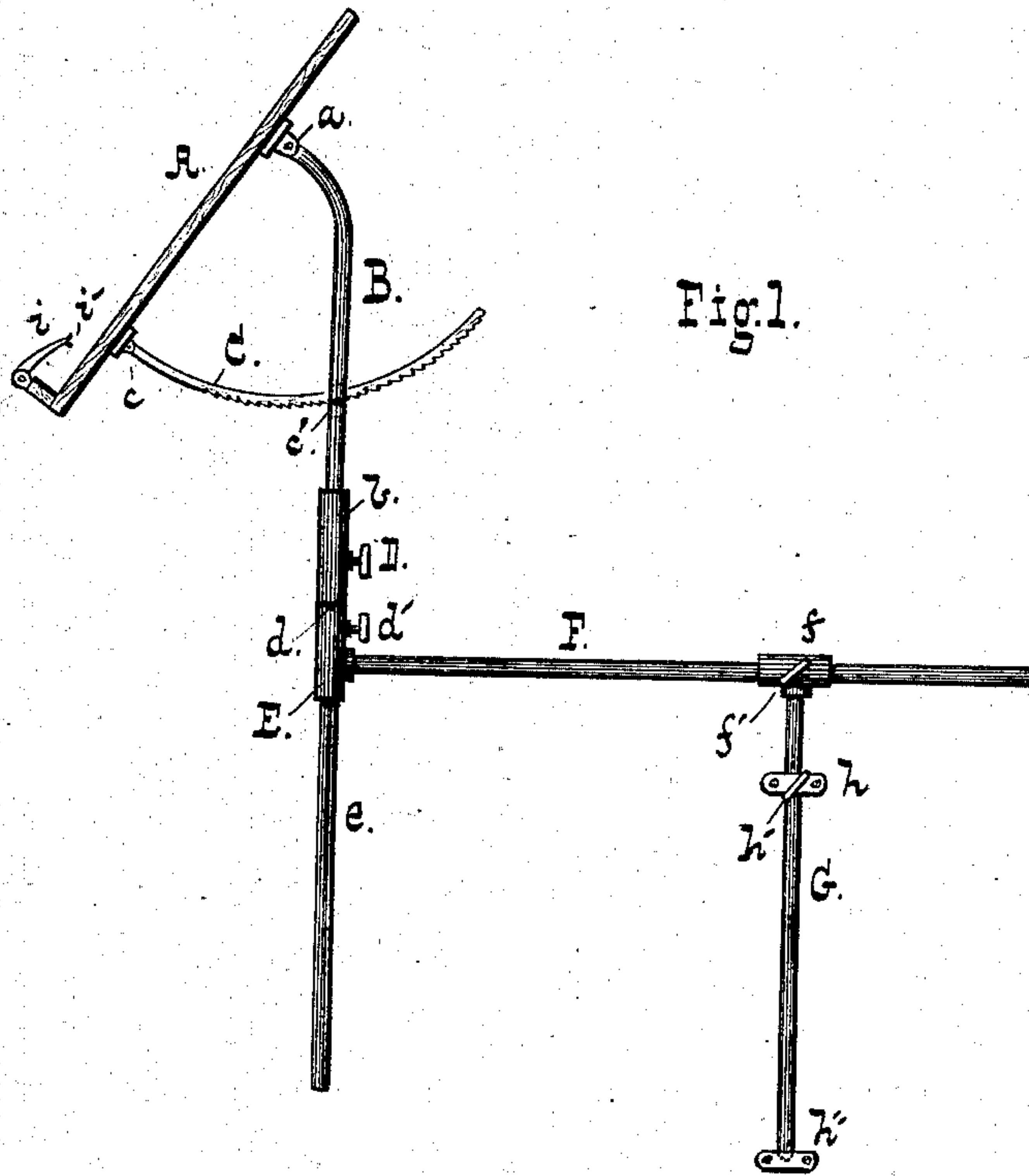
(No Model.)

W. W. MURRAY.

BOOK SUPPORT.

No. 257,970.

Patented May 16, 1882.



WITNESSES.

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BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 257,970, dated May 16, 1882.

Application filed January 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. MURRAY, of Baltimore city, State of Maryland, have invented certain new and useful Improvements in Book-Supports; and I hereby declare the same to be fully, clearly, and exactly described as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the device. Fig. 2 is an elevation partly in section, on an enlarged scale, of a detail of the same.

My invention relates to book supports or rests adapted for attachment to the sides of chairs; and it has for its object to provide a device of that class having means for effecting every desired adjustment, and adapted for use as a book-rest or desk. The points of novelty are made the subject of the claims.

In the drawings, A is the table or rest proper, having at its lower edge a ledge of the usual form. On the ledge is pivoted a plate, *i*, by preference of cast metal, and heavy enough, when resting upon a book, to hold it open. Instead of depending upon the weight of the plate for this purpose, I may provide it with a spring like an ordinary bill or letter file. The edge of the plate *i* has a downward projection or rib, *i'*, for holding books having narrow margins, and also to admit of the use of the device with thin books, such as pamphlets. The table A is pivoted at *a* to the end of a rod, B, which is firmly secured at its lower end to a sleeve, *b*.

C is a curved plate, pivoted at *c* to the table A and passing through a slot in the rod B. The outer edge of the plate is ratcheted, as shown, to engage with a pin or lip, *c'*, in the rod B. By this means I am enabled to alter the inclination of the table with one hand, it being only necessary to lift the free end of the plate C so as to disengage the ratchet, tilt the table, and allow the plate to fall, when it is secured in its new position. The plate C is made long enough to sustain the table in a vertical, horizontal, and any intermediate position. When it is desired to use the table A to write upon, it is adjusted horizontally and turned so as to bring the ledge away from the user.

The sleeve *b* rests and turns freely upon a sleeve, E, which is attached to a horizontal arm, F. The latter, in order to combine lightness and stiffness, is preferably made tubular.

A rod, *e*, passes through the sleeve E, where it is held at any desired height by means of a

set-screw, *d'*, and enters the sleeve *b*. At its upper end is turned a groove, *j*, with which a set-screw, D, engages. A pin, *d*, projects from the side of the rod *e*, whereby it is prevented from dropping through the sleeve E should the screw D be turned back too far. The rod or tube F passes through a sleeve, *f*, on the end of a vertical rod, G, wherein it is held by a set-screw, *f'*. The rod G passes through a bearing, *h*, which is screwed to the arm of the chair, and which is also provided with a set-screw, *h'*, which serves to prevent the rod from turning. The end of the rod G rests in a step, *h''*, secured to the side of the chair-seat.

In operation the table, being adjusted to the desired angle, is swung round in front of the occupant of the chair, and is adjusted vertically by raising the rod *e* and clamping it by means of the screw *d'*. The table is still free to swivel about a vertical axis; but this may be prevented, if desired, (in case the device is used upon a rocking-chair it would be necessary,) by turning up the screw D so as to clamp the rod *e*. Lateral adjustment is effected by sliding the tube F to the desired point and clamping it with the screw *f'*.

When not in use the entire device may be lifted out of the step and bearing *h''* *h* and placed aside.

The parts of the device are of such construction as to render adaptable for their use the ordinary rod-iron, gas-pipe, and gas-pipe joints of commerce.

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

1. In combination with the table A, pivoted about a horizontal axis in the end of a vertical swiveling rod, the sleeves *b* E and the rod *e*, provided with the pin *d*, as set forth.

2. In combination with the table, pivoted, as described, in the end of the rod B, the sleeve *b*, rigidly secured to the latter, and having screw D, the vertically-adjustable rod *e*, having groove *j* and pin *d*, and the sleeve E, secured to the horizontal arm, as set forth.

3. The book-support consisting of the table A, rod B, bar C, sleeves *b* E, and rod *e*, the tube F, sleeve *f*, and rod G, the said sleeves being provided with clamping-screws, as set forth.

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Witnesses:

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