

(No Model.)

J. E. W. POOLMAN.

DESK.

No. 321,383.

Patented June 30, 1885.

Fig. 1.

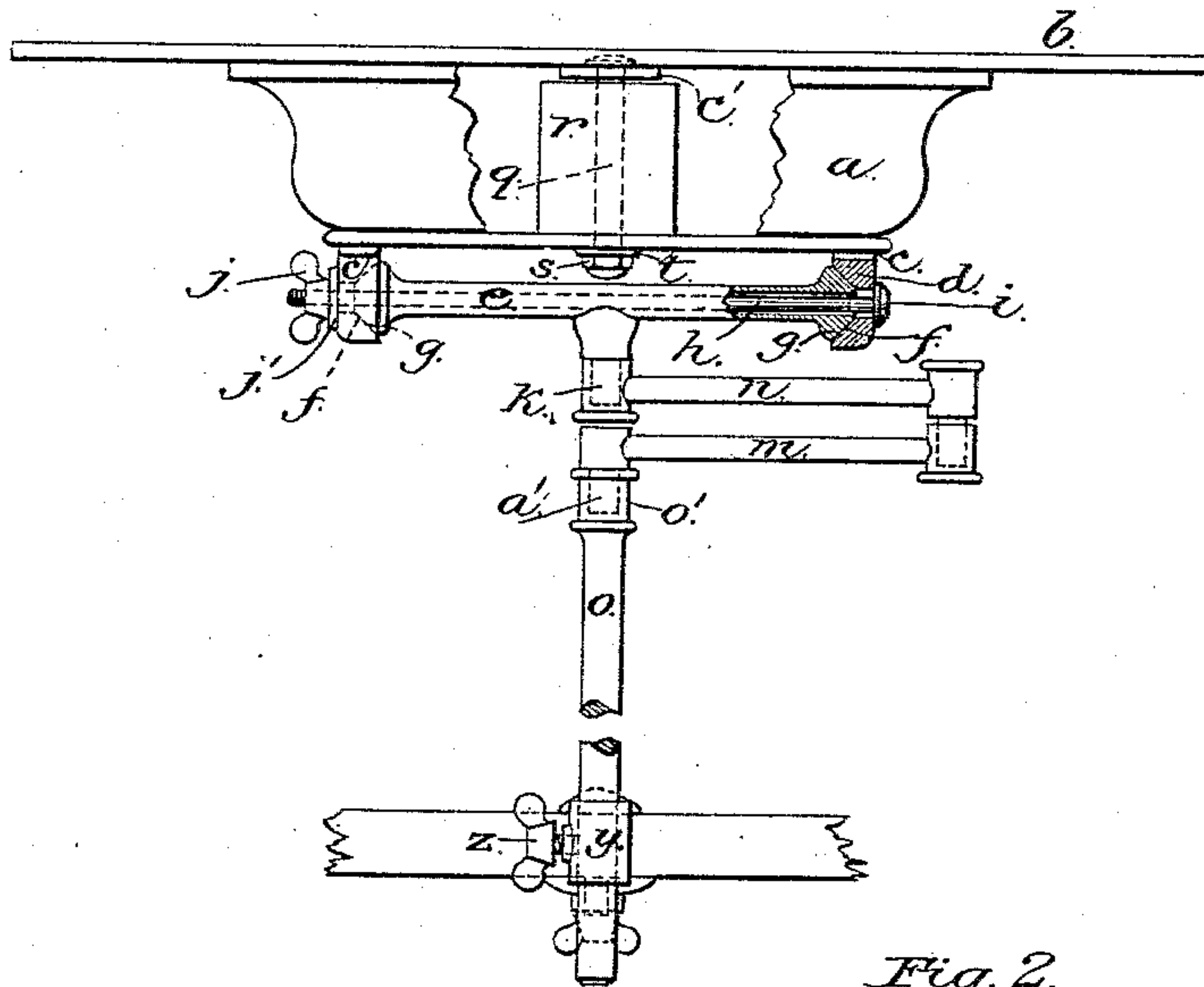


Fig. 2.

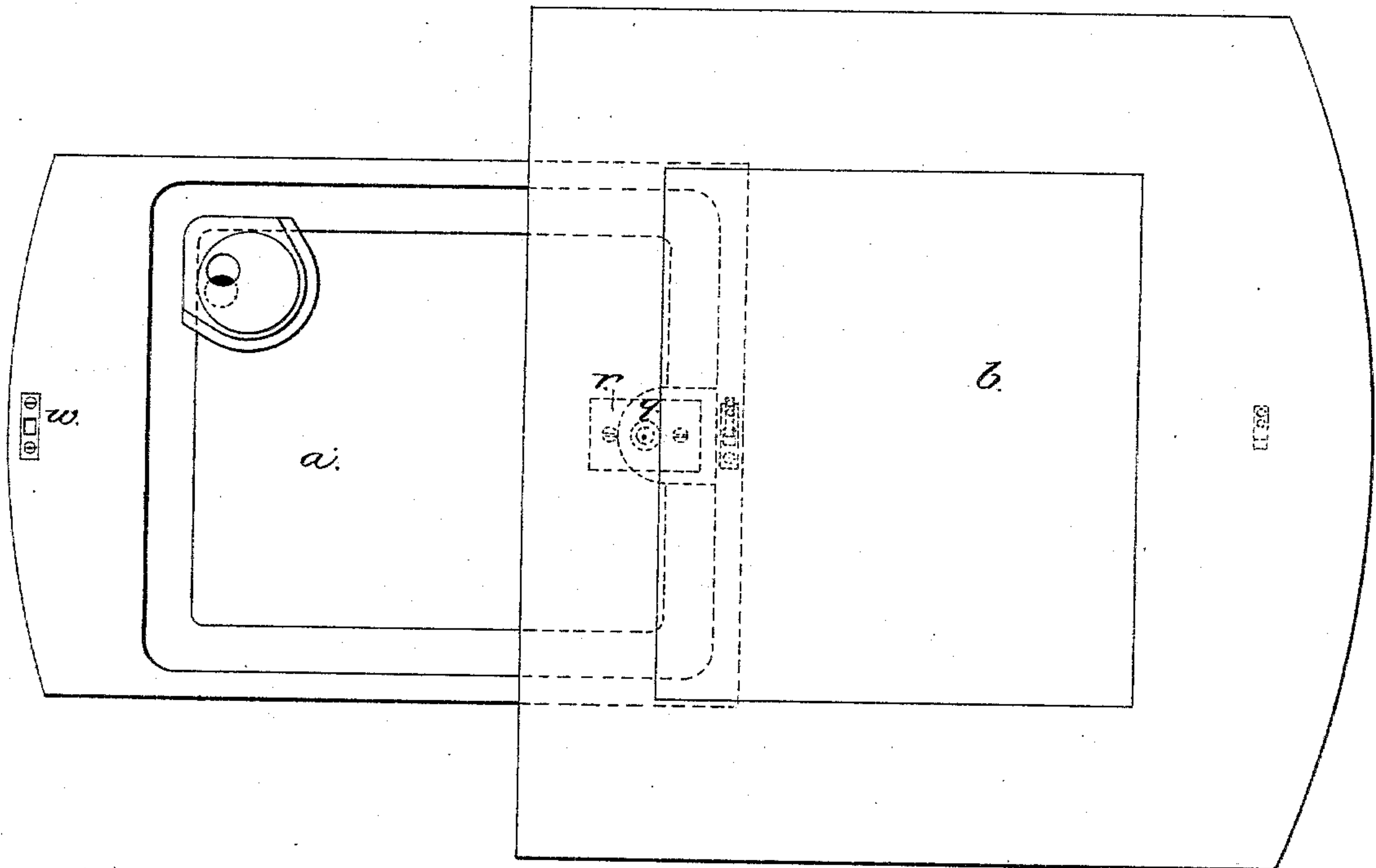
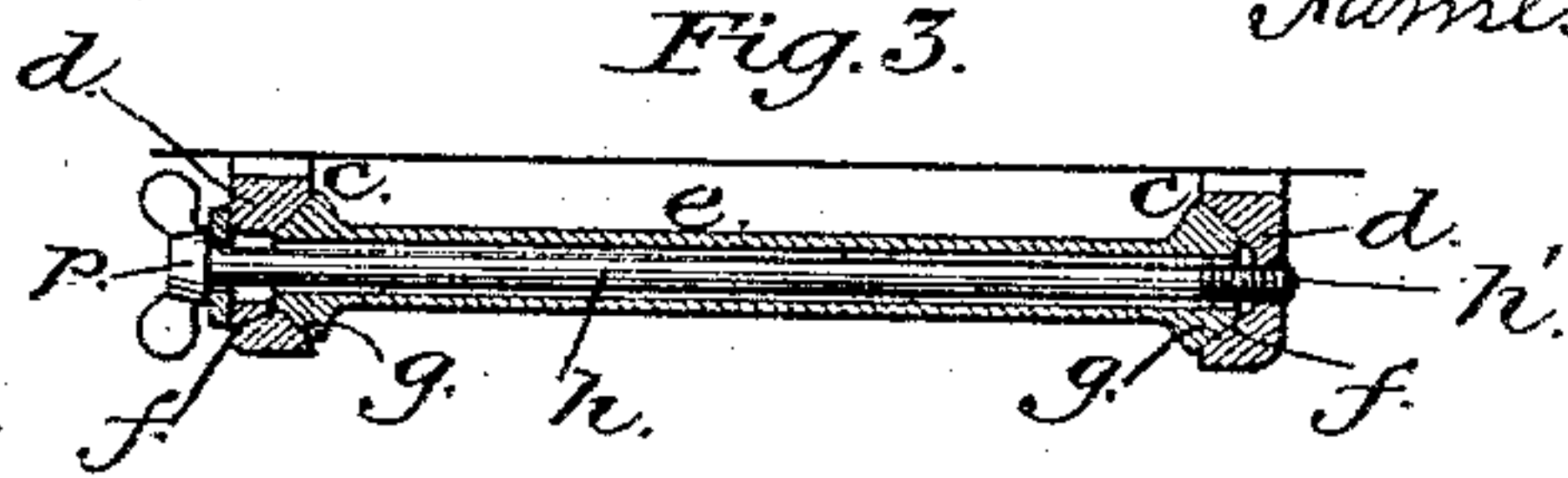


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## DESK.

SPECIFICATION forming part of Letters Patent No. 321,383, dated June 30, 1885.

Application filed April 9, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES EDWARD W. POOLMAN, a citizen of the United States, residing at New York, in the county and State of New York, have invented certain new and useful Improvements in Desk Attachments, of which the following is a specification.

My invention relates to certain improvements in desk attachments for chairs and other articles of furniture for affording facilities for writing, reading, or for other purposes where an ordinary desk might be necessary; and my improvements consist, generally, in a novel construction and arrangement of devices whereby the desk may be adjusted at any desired inclination, and the top be swung off from the box or case of the desk, all as will be fully hereinafter set forth.

In the accompanying drawings, which serve to illustrate my improvements, Figure 1 is an end view, partly in section, representing my desk attachment as applied to the rail of a chair. Fig. 2 is a top view of the desk, showing the receptacle uncovered, and Fig. 3 is a sectional view of a modified form of the device for effecting the adjustment of the desk.

The desk here shown consists of a box, *a*, which serves as the receptacle for holding the necessary writing materials, and a top or cover, *b*, for the same.

The desk is capable of being set at any angle or inclination desired with extreme nicety by the following means: To the under side of the box *a* is secured, by means of screws or otherwise, the brackets *c c*, which are constructed with a socket which forms the bearing for a shaft, *e*. The inner surface of this socket or bearing *d* is beveled or tapering, as shown at *f*, and the ends of the shaft *e* are enlarged and correspondingly beveled, as seen at *g*. *h* is a rod that passes through the shaft *e* and its bearings, and is secured therein by a head, *i*, on one end and thumb-nut *j* and washer *j'* on the opposite end. On the shaft *e* is provided a plug, *K*, which fits into a socket formed in the end of the arm *n*, which arm is connected in a similar manner to an arm, *m*, on the upright standard *o*. The central rod, *h*, as shown in Fig. 1, is provided with a threaded end to receive the thumb-nut *j*. When the desk is set at the desired position or inclination, the thumb-nut *j* is screwed up

tightly against the bracket *c*, and the shaft and brackets are clamped firmly together.

In Fig. 3 a modified construction of the rod *h* is shown. Here the rod is shown as having a screw-threaded end, *h'*, which screws into a threaded socket in the bearing or hanger *c*. The opposite end of the rod is constructed with a thumb-piece, *p*.

The top or cover *b* of the desk is arranged to turn on a pivot in the position shown in Fig. 2, leaving the receptacle *a* uncovered at the top. To the under side of the cover *b* is secured by plate *c'* a pin, *q*, which passes through a block, *r*, arranged in the front part of the receptacle *a*, and is secured on the outside thereof by means of a nut, *s*, and washer *t*. A stop-pin is arranged on the front of the receptacle to limit the movement of the cover *b*, and a catch, *w*, confines it in place when it is in its normal position.

The desk is supported by the standard *o*, which is connected to the chair by a clamp, *y*. Vertical adjustment of this standard is effected by a thumb-screw, *z*. On its upper end is provided a socket, *o'*, for the reception of plug *a'* on the arm *m*. A similar plug and socket connects the arm *m* with the upper arm, *n*.

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

1. In an adjustable desk, the combination, with the case or box and a suitable support, of brackets provided with sockets, a shaft journaled in said brackets, and a rod connecting the brackets and passing through the shaft, and provided with a threaded end and thumb-nut, as and for the purpose set forth.

2. The combination, with the box *a* and its support, of the brackets *c c*, having beveled sockets *d*, shaft *e*, provided with beveled journals, and rod *n*, passing centrally through said shaft and secured by a thumb-nut or equivalent device, as and for the purpose set forth.

3. In a desk attachment, the combination of the box *a*, provided with brackets *c c*, shaft *e*, rod *h*, clamping-nut *j*, washer *j'*, and arms *m* and *n* with the standard *o* and clamp *y*, as set forth.

JAMES ED. W. POOLMAN.

Witnesses:

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K. NEWELL.