

A. BATCHELDER.
Escritoirs.

No. 162,601.

Patented April 27, 1875.

Fig. 1.

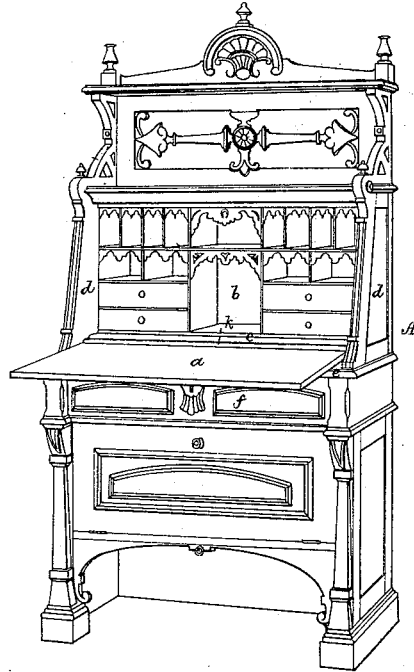


Fig. 3.

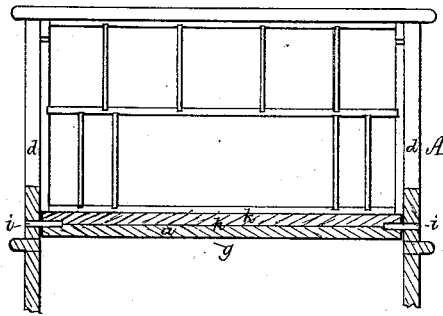
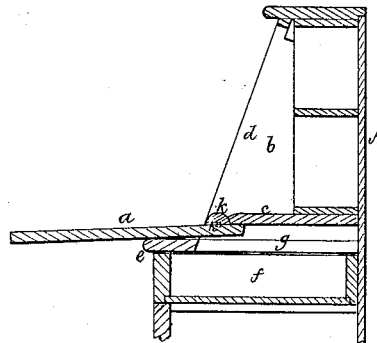


Fig. 2.



Witnesses.

S. W. Piper
L. O. Hill

Alden Batchelder.

by his attorney.
R. U. Eddy

UNITED STATES PATENT OFFICE.

ALDEN BATCHELDER, OF READING, MASSACHUSETTS.

IMPROVEMENT IN ESCRITOIRES.

Specification forming part of Letters Patent No. **162,601**, dated April 27, 1875; application filed April 2, 1875.

To all whom it may concern:

Be it known that I, ALDEN BATCHELDER, of Reading, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Escritoires; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 denotes a perspective elevation of an escritoire with my invention, and having its lid in its lower position, or turned down. Fig. 2 is a vertical and transverse section; and Fig. 3, a vertical and longitudinal section, on an enlarged scale, of the lid and adjacent parts with my improvement.

I would remark that it is my intention to obtain a patent on the design of the escritoire, as shown in Fig. 1, independently of the addition constituting my present improvement or cylindrical segment applied to the lid, as hereinafter explained.

The invention relates to writing-desks, secretaries, or escritoires, having what are termed turn-down lids, pivoted or hinged to the sides of their chambers so as to be capable of being turned up to cover or close such chambers, and of being turned down to a level or slightly-inclined position in order to answer the purposes of a desk, or as a support for a sheet of paper while being written upon.

As heretofore constructed, the lid has been flat on its inner or top surface, in consequence of which, while it was in the act of being turned up, the lower portion of it would be moved away from the shelf next adjacent to it, so as to leave an opening between the two, through which pieces of paper or articles, or dust on the lid, would generally be discharged into the drawer or space beneath the shelf, or they would be caught in the opening and be injured or broken, or do injury to the lid or shelf. To prevent the formation of any such opening, and the evil results of it, as stated, is the object of my improvement, which consists in the combination of a cylindrical segment,

with the lid and the shelf or chamber bottom, such segment being fixed to the upper surface of the lid, and with its periphery against the shelf, and with its axis coincident or in line with a line extending from the axis of one of the lid-pivots to that of the other.

In the drawings, A denotes the escritoire, of which *a* represents the lid, *b* its chamber, *c* the shelf or bottom, and *d d* the sides of such chamber. The lid when down rests upon another shelf, *e*, below which and the bottom *c* is a drawer, *f*, and a space, *g*, to receive it. The lid *a*, when down on the shelf *e*, extends a short distance underneath and usually abuts against the shelf or bottom *c*. In Figs. 2 and 3, *h* is the axial line of the two pivots *i i* of the lid, such pivots being projected from the opposite ends of the lid into bearings in the sides *d d* of the chamber *b*. On the top of the lid *a*, and abutting against the shelf or bottom *c*, is the cylindrical segment *k*, which is fixed to the lid, and with its radial axis between and in a straight line with the axes of the two pivots. This segment extends entirely across the lid from end to end of it.

From the above it will be seen that while the lid is in the act of being turned either up or down, the outer curved surface of the segment will always remain in contact or nearly so, with the shelf or bottom *c*, and projecting as the segment does, above the shelf, it will operate as a ledge or guard to intercept any article and prevent it from sliding from the shelf into the joint.

I claim—

As my improvement in the escritoire, the cylindrical segment *k* combined with the lid *a*, and arranged with its pivots *i i*, and the chamber bottom or shelf *c*, all substantially as specified.

ALDEN BATCHELDER.

Witnesses:

R. H. EDDY,
J. R. SNOW.