W. W. Levering,

Desk.

No. 80,749. Patented Aug. 4, 1868.

Fig. 1.

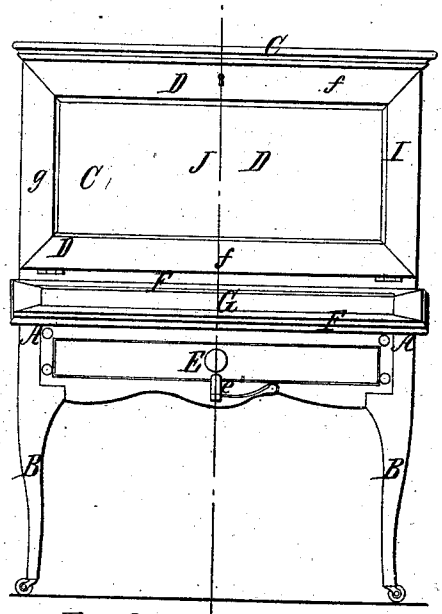


Fig. 2.

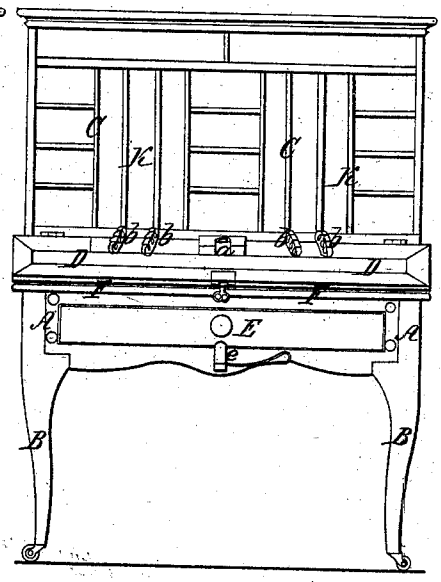


Fig. 3.

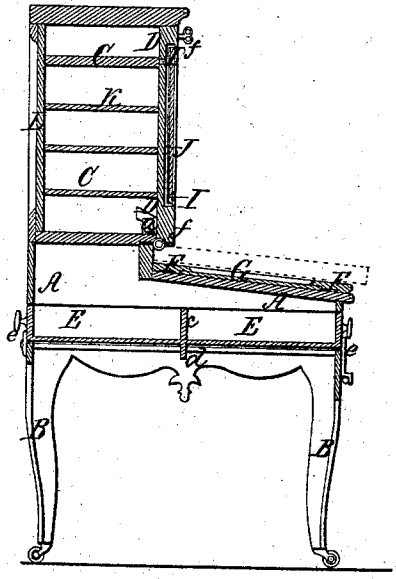
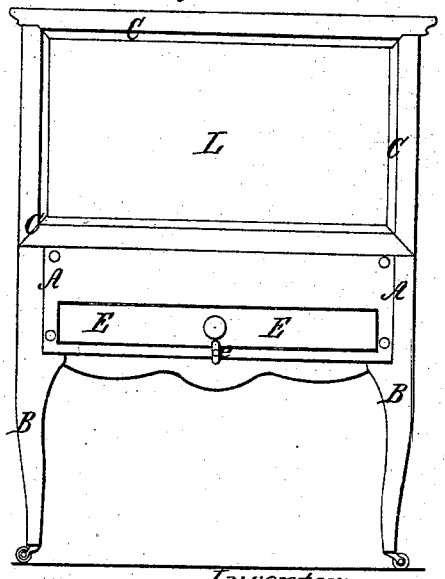


Fig. 4.



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United States Patent Office.

WILLIAM W. LEVERING, OF NEW YORK, N. Y.

Letters Patent No. 80,749, *dated August* 4, 1868.

IMPROVED WRITING AND DRAWING-DESK.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM W. LEVERING, of the city, county, and State of New York, have invented a new and improved Writing and Drawing-Desk; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

Figures 1 and 2 represent front elevations of my improved desk.

Figure 3 is a vertical transverse section of the same.

Figure 4 is a rear elevation of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new desk, which is provided with slates, blackboard, and transparent ground-glass plates, in such manner that it will be convenient for teachers, artists, and business men.

The invention consists—

First, in arranging a slate upon the top plate of the table-part of the desk, so that a convenient table for calculating purposes, and for memoranda, may be provided.

Second, in arranging on the front of the folding lid, a removable plate of ground glass, which can either be used for writing upon, or behind which designs can be placed to be copied from.

Third, in arranging, on the back of the desk, a stationary blackboard, which can be used when the desk is turned round.

Fourth, in so arranging a drawer under the whole table part of the desk, that it can be half drawn out in front, and half in rear, a partition being arranged across it; thereby a drawer is provided for each face of the desk, and still, in construction, both are but one drawer. Material and labor are thus saved to a considerable extent.

A, in the drawing, represents the table part of a desk, of suitable size and form, and made of suitable material. It is supported by legs B, or their equivalents.

C is the top of the desk, put upon the table. It has a folding lid, D, by which it is closed in front, as in fig. 3. This lid, when folded down, as shown in fig. 2, rests upon and covers the front part of the table, and forms an inclined plate to write upon.

The inkstand *a*, and pen-racks *b*, may be secured to the lower part of the lid D, as shown in figs. 2 and 3, or may be placed into a shelf of the top, C.

In the table A is arranged a drawer or drawers, E, extending clear across from front to back.

This drawer is, about in the middle, divided in two by means of a partition, *c*, and under this partition projects from the bottom of the drawer, a stop or stops, *d*, preventing the drawer from being drawn out at either side further than to the partition *c*.

In this manner a double drawer is produced, which can be partly drawn out from front and rear of the desk. Still that part which is in front can never be reached from the rear, and that which is in rear could not be got at from the front.

The rear half of the drawer is thus in some respects a secret drawer, as parties unacquainted with the construction would not readily suspect the extension, after having pulled the drawer out in front.

The drawer can be closed at either end by a lock, or by a suitable stop, *e*.

The top plate F of the table A is inclined as far as it is in front, and clear of the top, C.

In it is held a countersunk slate, or equivalent material, G, upon which exercises in writing, or calculations, can be made.

The front face of the lid D is provided with projecting ribs *f f*, on top and bottom, and with an abutting rib, *g*, at one end, between which a sliding frame, I, can be inserted. This frame serves to hold a removable ground-glass plate, J, which can be used to write upon, as in fig. 1, or behind which a suitable design or print can be placed, to be in a convenient place for copying. The plate J may, however, be secured to the lid in any other suitable manner.

When the lid is folded down, as shown in fig. 3, the shelves K in the top of the desk will be displayed and thrown open, and the upper surface of the lid will form the top of the table.

L is a blackboard, formed on the back of the desk, of suitable material. It can be used in schools and other places in the same manner as ordinary blackboards, and will be seen by turning the desk around, as in fig. 4.

The desk thus constructed will be very convenient in schools and colleges of all kinds, and will be very convenient to teachers, as well as to students, and also suitable for office and household-desks.

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

1. The described arrangement of the slate G in the part F, the sliding frame and removable ground-glass plate J in the hinged portion D of the desk, the blackboard L, on the back of the upper desk, and the drawer E, having the partition *c* and stop or stops *d*, all constructed to operate in the manner and for the purposes substantially as herein set forth and shown.

2. The within-described combination of writing-desk, blackboard, drawing-slate, and writing-slate, as set forth.

The above specification of my invention signed by me, this 9th day of June, 1868.

WM. W. LEVERING.

Witnesses:

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