J. PEARD.
Writing Desk.

No. 232,753. Patented Sept. 28, 1880.

Fig. 1.

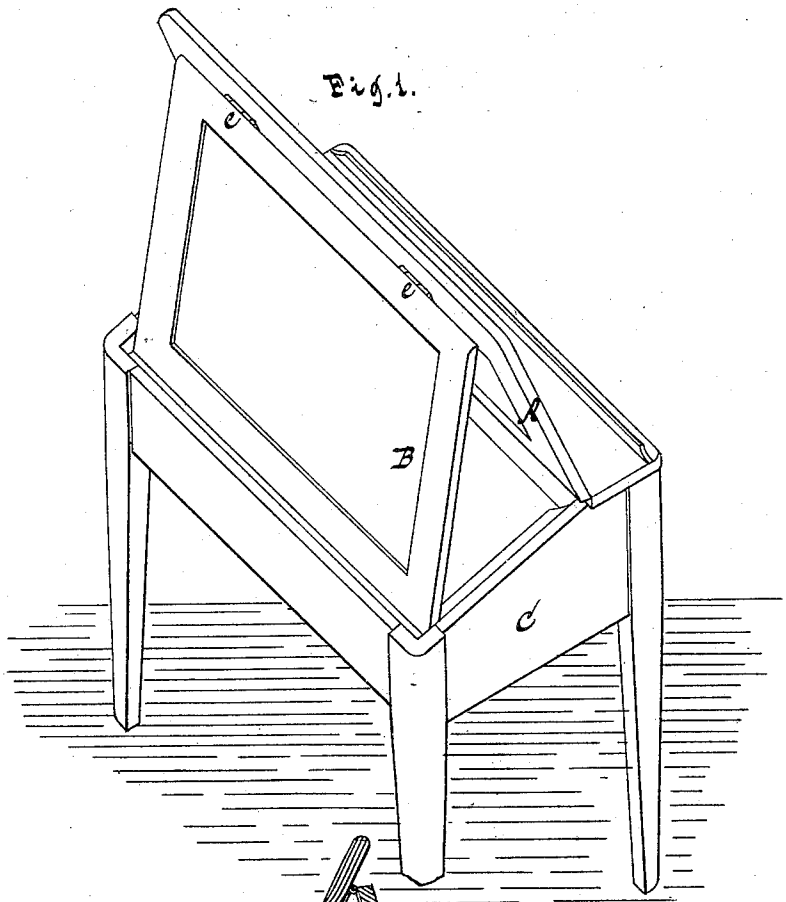


Fig. 2.

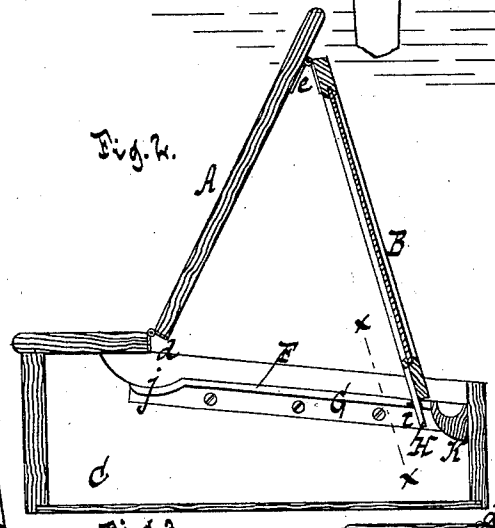
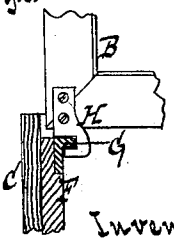


Fig. 5.



Witnesses
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Wm Miller

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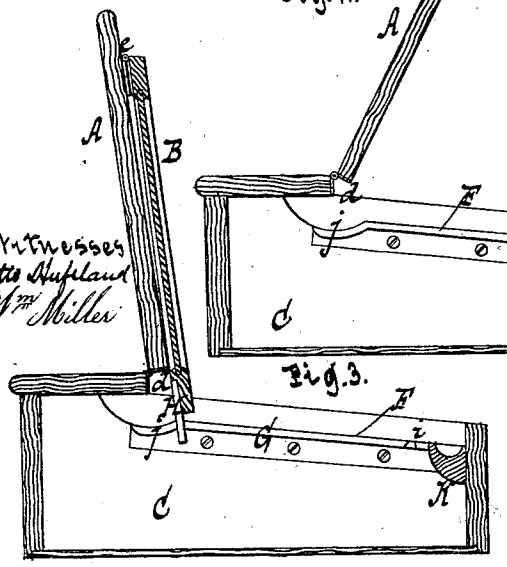


Fig. 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN PEARD, OF BROOKLYN, NEW YORK.

WRITING-DESK.

SPECIFICATION forming part of Letters Patent No. 232,753, dated September 28, 1880.

Application filed January 14, 1880.

To all whom it may concern:

Be it known that I, JOHN PEARD, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Writing-Desks, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 shows a desk, in perspective view, embodying my invention, the blackboard being set to a position for use. Fig. 2 is a cross-section of the same. Fig. 3 is a like section thereof, showing the blackboard set back, together with the desk-top, to lay bare the interior of the desk-body. Fig. 4 shows the blackboard lowered and stowed away in the desk-body. Fig. 5 is a section taken in the plane of the line *x x*, Fig. 2.

Similar letters indicate corresponding parts.

My invention consists in the combination, with a desk having on its interior opposite sides longitudinal ledges and a hinged lid which wholly covers the open top portion of the desk, of a blackboard pivoted at or near the front end of the hinged lid and capable of swinging outward and resting upon the longitudinal ledges when the lid is raised for use, but also in a lower position. I further attach to either or both ledges a guide-rail, and attach to the blackboard a hook-arm for engagement therewith, while I form a cavity at or near the forward end of the guide-rail to catch the hook-arm, and thus act as a stop for checking and retaining the blackboard in a position for use, the guide-rail being, moreover, so arranged on its rear part relatively to the hook-arm as to check both the blackboard and the desk-lid whenever they are set back for the purpose of laying bare the interior of the desk-body.

In the drawings, the letter A designates the desk-lid; B, the blackboard, and C the desk-body. The desk-lid A is hinged to the body C, on its rear edge, as at *d*, and both the lid and the body are of the usual character.

By the term "blackboard" is meant the article used in schools and elsewhere for frequent writing and erasure, whether the same be made of slate, wood, or other material.

The blackboard B is hinged to the inner or under side of the desk-lid A at or near the forward or free edge of the latter, as at *e*, and when the desk-lid is lowered the blackboard folds or shuts up within the desk-body, as shown in Fig. 4. When the desk-lid is lifted up the blackboard rises therewith, and may be readily set to an inclined position convenient or appropriate for writing purposes.

The letter F designates ledges secured to the opposite sides of the desk-body C, on the interior of the body. These ledges are sunken a sufficient distance below the top edge of the desk-body C, so that the blackboard B may rest thereupon when the desk-lid A is lowered, as seen in Fig. 4, and in this manner the interior of the desk-body is left free, and when the desk-lid is lifted the ledges form a rest or bearing for the free edge of the blackboard.

The letter G designates a guide-rail attached to either or both ledges F. This rail consists of a strip of metal of angular cross-section, as shown in Fig. 5, and its horizontal portion or rail proper is flush, or nearly so, with the top of the ledges F.

The letter H designates an arm, of hook-shape, attached to the blackboard B in a suitable manner to engage the guide-rail G. By the engagement of the hook-arm H with the guide-rail G the blackboard B is caused to remain on and in contact with the ledges F as it is set back and forth, and the disconnection thereof from the desk-body is prevented.

At or near the forward end of the guide-rail G is a cavity *i*, and when, in the forward movement of the blackboard B, the hook-arm H reaches this cavity, it sinks therein, whereby the blackboard is checked and held in a fixed position, which is the position appropriate to to the use of the blackboard. The cavity *i* extends also across the ledge or ledges carrying the guide-rail G. The guide-rail G is extended in the direction of the back of the desk a sufficient distance that the hook-arm H remains in engagement therewith when the blackboard B is set back, together with the desk-lid A, beyond the perpendicular, to lay open the interior of the desk-body C, as shown in Fig. 3. By this arrangement the adjustment of the blackboard and the desk-lid in a back direction is limited, which relieves the hinge-joints *d* of strain. The rear end of the guide-rail G is curved, as at *j*, concentric to the axis of the

hinge-joints *d*, to provide a path for the hook-arm H in lowering the blackboard with the desk-top. In the forward part of the desk-body C, I fasten a chalk or crayon holder, K.

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

1. The combination, with a desk having on its interior opposite sides longitudinal ledges and a hinged lid which wholly covers the open top portion of the desk, of a blackboard pivoted at or near the front edge of the hinged lid and capable of swinging outward and resting upon the longitudinal ledges when the lid is raised, substantially as described.

2. The combination of a hinged desk-lid, a blackboard hinged to the under side of such lid at or near the free edge thereof, a desk-body constructed with inner side ledges for sustaining the blackboard, a guide-rail attached to either or both ledges, a hook-arm attached to the blackboard for engaging the guide-rail, and a cavity at or near the forward end of the guide-rail constituting a stop for checking and retaining the blackboard in a position for use, substantially as shown and described.

3. The combination of a hinged desk-lid, a blackboard hinged to the inner side of such lid at or near the free edge thereof, a desk-body constructed with inner side ledges for sustaining the blackboard, and a guide-rail attached to either or both ledges, arranged substantially as described relatively to a hook-arm attached to the blackboard for engagement with the guide-rail, so as to check both the blackboard and the desk-top whenever they are set back for the purpose of laying bare the interior of the desk-body, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 13th day of January, 1880.

JOHN PEARD. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.