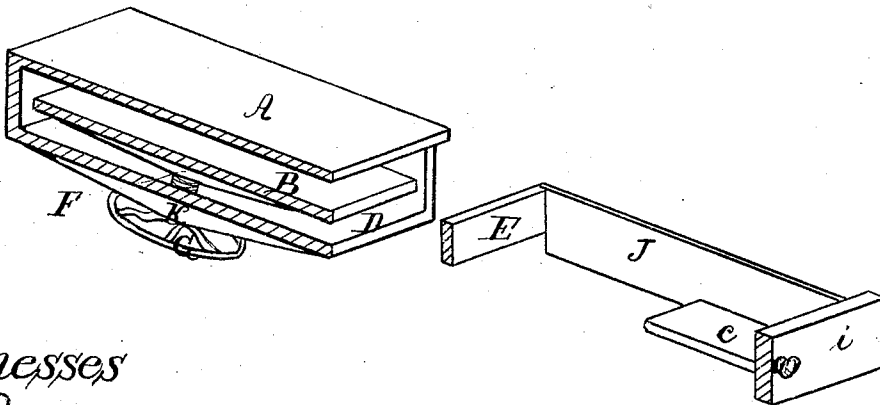
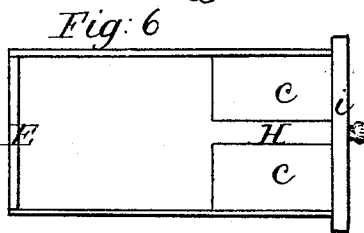
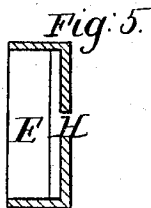
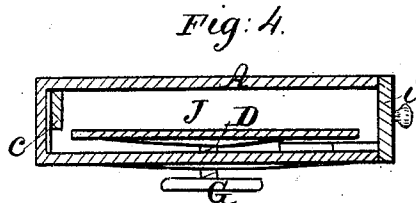
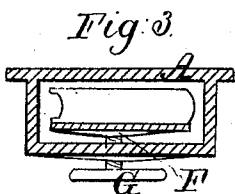
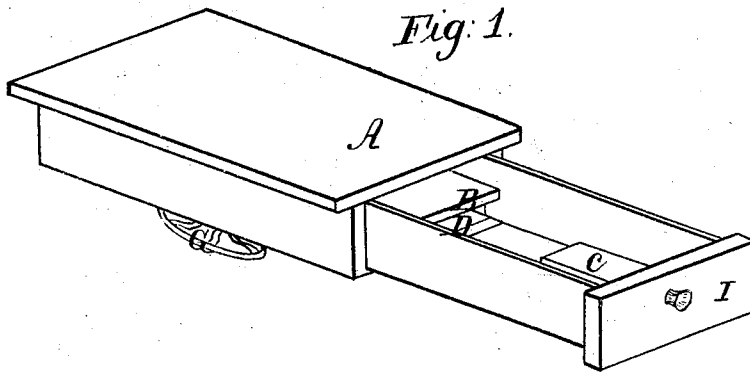


*W. H. Hawkins.
Copying Press.*

N^o 10,262.

Patented Mar. 29, 1870.



*Witnesses
M. Barton
Chas L. Carter*

*Inventor;
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United States Patent Office.

WILLIAM H. HAWKINS, OF CLEVELAND, OHIO.

Letters Patent No. 101,262, dated March 29, 1870

IMPROVEMENT IN COPYING-PRESSES.

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

To whom it may concern :

Be it known that I, WILLIAM H. HAWKINS, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and improved Copying-Press and Drawer Combined with a Writing-Desk or Table or other like article; and I do hereby declare that the following is a full and exact description of the same.

The nature of my invention consists of a box made of cast-iron, or other suitable metal, incorporated into a writing-table or desk, or other article of office-furniture, into which a drawer slides in the ordinary manner in which drawers are moved in writing-tables or desks. In this iron box is placed a plate of iron or other suitable metal, which is raised or depressed by means of a screw, which is operated by the hand, and bears upon the center of the plate through the bottom of the box. The copy-book is placed upon this movable plate, and, by operating the screw, is pressed against the upper side of the box, thus giving a copy of the writing placed in the book.

The ordinary copy-book may be used, and prepared in the same manner as is usual to prepare it for use in other presses.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation, reference being had to the drawings hereto attached, in which—

Like letters refer to like parts on drawings.

I construct my box A, fig. 1, of cast-iron or other suitable materials, and of sufficient size to receive my drawer I, fig. 1.

The box is made of sufficient thickness in its top, bottom, and sides to resist the force of the screw G, fig. 2, when operated.

The use of unnecessary material in making the box may be avoided by the use of supports or ribs on its top or bottom, cast with the box, as represented by F, in fig. 2.

The box is confined to the desk or table or other article of furniture in the place which is usually occupied by ordinary drawers.

The drawer I, fig. 1, is made without a bottom; but has at each of the front corners supports, upon which the copy-book rests when the drawer is drawn out, as represented by C in figs. 1 and 2.

A sufficient space, as represented by H in fig. 1, must be left between these supports to allow the drawer to close by passing the rib F in fig. 2.

The rear end of the drawer extends from its top only part way to its bottom, leaving sufficient space to pass over the plate, as represented by E in fig. 2.

I make a movable plate, B, figs. 1 and 2, of iron or other suitable metal, strengthened by ribs F, fig. 2, and of sufficient width and length to play freely inside the drawer, and of size corresponding with the size of the copy-book.

I insert a screw, with proper means of turning it, in the bottom of the box A, and bearing upon the center of the plate B, as represented by G in fig. 2.

The copy-book, properly prepared for receiving the impression of the writing to be copied, is placed upon the supports C, the drawer then closed into the box, and the screw, being turned by the hand, the book containing the writing to be copied is pressed between the movable plate and the top of the box, and thus a copy of the writing is secured. It is not necessary, however, to use the entire drawer, as shown in the accompanying drawings, as the front of the drawer may be hinged at the bottom, and, by turning the same down, the copying-book may be put in the box or withdrawn, at pleasure.

My invention has for its object a simple and convenient method of copying letters and other instruments in writing, as it may be attached to a desk or table or other article of furniture, thereby saving office-room; also enabling a person to copy letters at the desk or table at which he is writing, and, at the same time, forming a suitable receptacle in which to keep the copy-book.

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

The herein-described box A, drawer I, movable plate B, and wheel and screw G, made in the manner as and for the purpose substantially set forth.

WILLIAM H. HAWKINS.

Witnesses:

M. BARLOW,
FREDK. A. BRAND,
CHAS. L. OUTLER.