

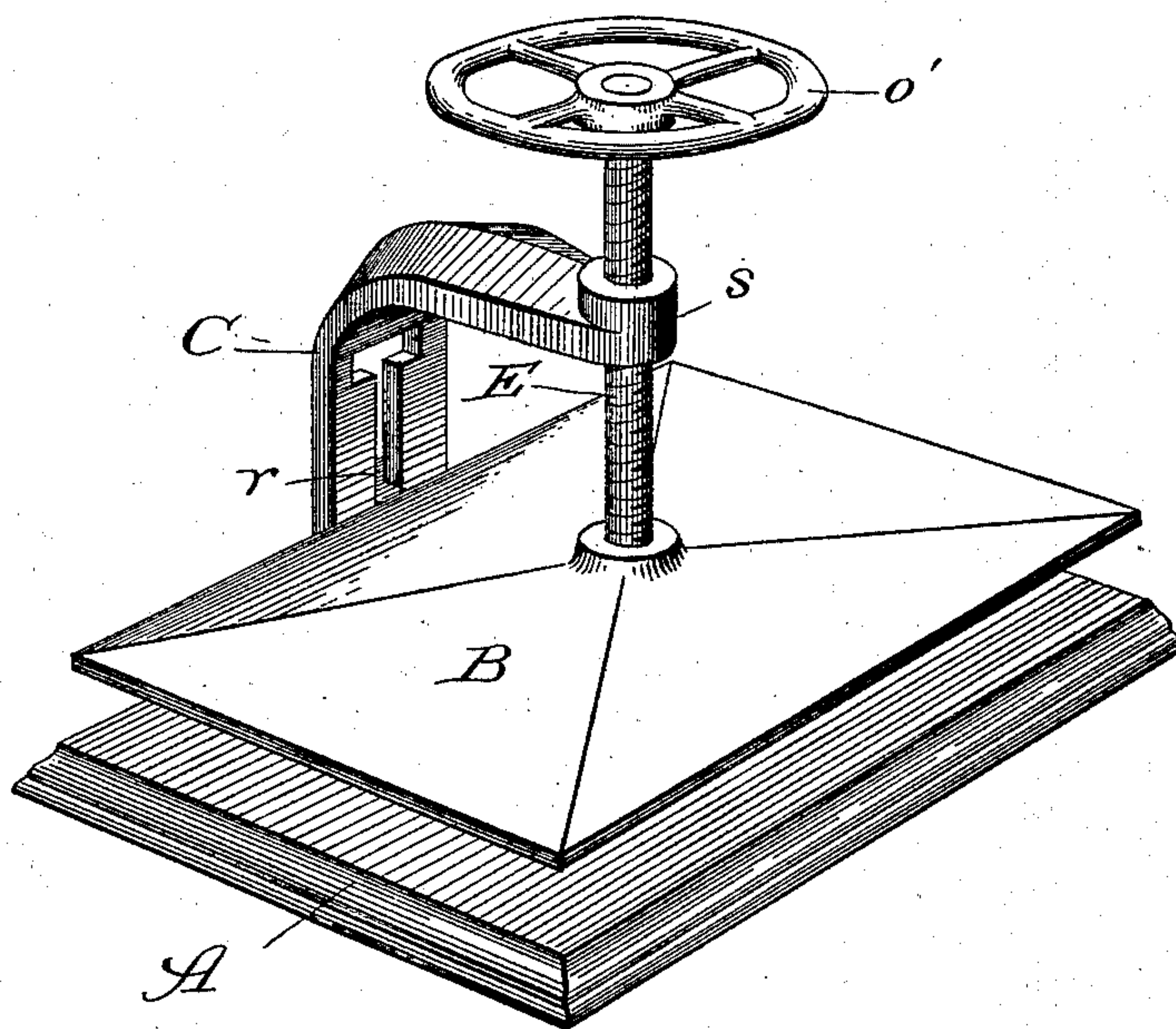
(No Model.)

W. V. KAY.  
PRESS.

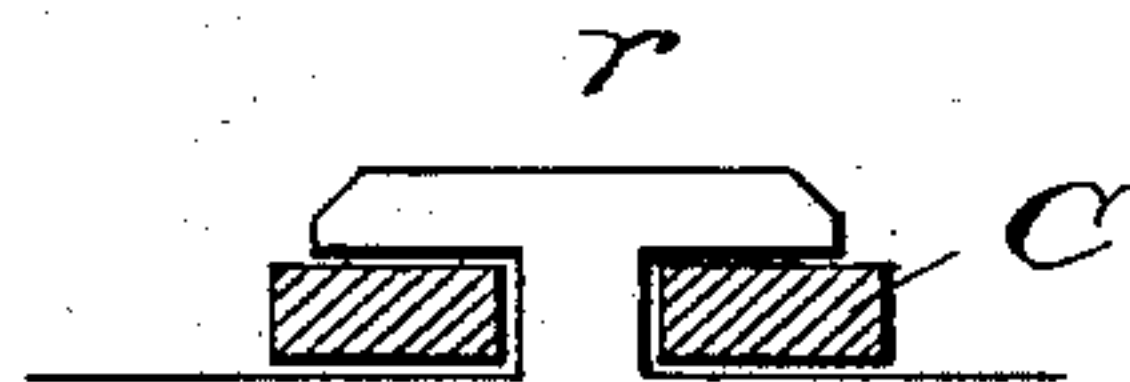
No. 409,976.

Patented Aug. 27, 1889.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
*Edw. Gaylord.*  
*J. H. Dyrenforth.*

Inventor:  
*William V. Kay,*  
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*Attys.*

# UNITED STATES PATENT OFFICE.

WILLIAM V. KAY, OF HOUSTON, TEXAS.

## PRESS.

SPECIFICATION forming part of Letters Patent No. 409,976, dated August 27, 1889.

Application filed July 21, 1888. Serial No. 280,610. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM V. KAY, a citizen of the United States, residing at Houston, in the county of Harris and State of Texas, have invented a new and useful Improvement in Presses, of which the following is a specification.

My invention relates particularly to letter or book presses; and my object is to afford a device of this nature which shall comprise a simple and comparatively inexpensive construction, and which shall at the same time be effective and strong and convenient for use.

Referring to the drawings, Figure 1 is a perspective view of my improved device, and Fig. 2 a broken sectional plan view showing a detail of construction.

A is the bed-plate of the device, having a broad tapering arm C projecting upward from one lateral edge and bent over the bed-plate A, to cause a nut formed in the head s, provided at the extremity of the arm, to hang over the center of the bed-plate. The arm C is slotted in its vertical portion in the form of a T for a purpose hereinafter described.

B is the movable plate, secured at its center to the lower end of a screw E, which works in the nut s, and is provided at its upper end with a handle in the form of a lever l, or, if preferred, a wheel o', as shown. The edge of the plate B adjacent to the arm C is provided with a horizontal T-shaped projection r, the head of which in adjusting the parts of the device together enters through the corresponding part of the slot in the arm, and the shank of the projection r moves in the vertical portion of the slot, which thus affords a guide.

The foregoing construction affords the necessary strength, and by placing the arm at one side of the press it leaves the opposite side as well as the ends free from obstruction, whereby the operator may have convenient access to the bed-plate for arranging upon it the object to be pressed. By this means copy-

ing-pads are prevented from being worn at their edges, as frequently occurs where they happen to be a little too large to fit the press, as hitherto constructed, and large books and copying-pads adapted for use upon a press of one size may be used upon a smaller press without producing cause for objection or undesirable consequences. Besides the operator never requires to spend time in folding papers which may project beyond the edge of a book to prevent their being torn or disarranged by the arms at the end of a press, nor is there liability to wear upon the edges of the binding of the book, as is the case with presses of ordinary construction, in which such edges are subjected to constant rubbing against the inner surfaces of the arms.

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

1. In a book or letter press, the combination of a base A, provided with a bent arm C, having a slot formed through its upright portion and provided with a nut s, a screw E, working in the nut s, and a plate B, secured to the screw, and having a lateral headed projection extending through and beyond the slot in the arm C, substantially as and for the purpose set forth.

2. A book or letter press comprising, in combination, the base A, provided with a lateral arm C, bent over the base to bring its extremity over the center of the base, a nut s, forming the extremity of the bent arm, a T-shaped slot formed through the upright portion of the arm C, a screw E, working within the nut s, a plate B, secured to the screw and having a T-shaped lateral projection r extending through and beyond the slot in the arm C, and means for operating the screw, substantially as described.

WILLIAM V. KAY.

In presence of—

M. J. BOWERS,

J. W. DYRENFORTH.