

J. McWilliams.

Screw Press Die-Holder.

N^o 93,215.

Patented Aug. 3, 1869.

Fig. 1

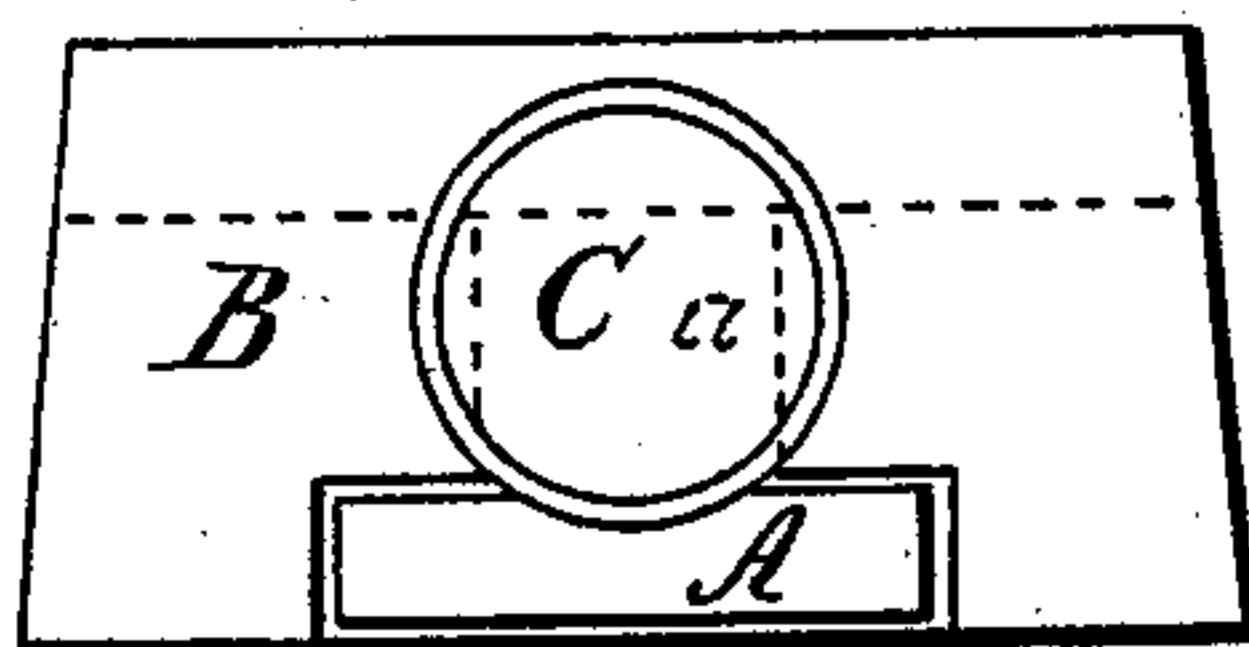


Fig. 2

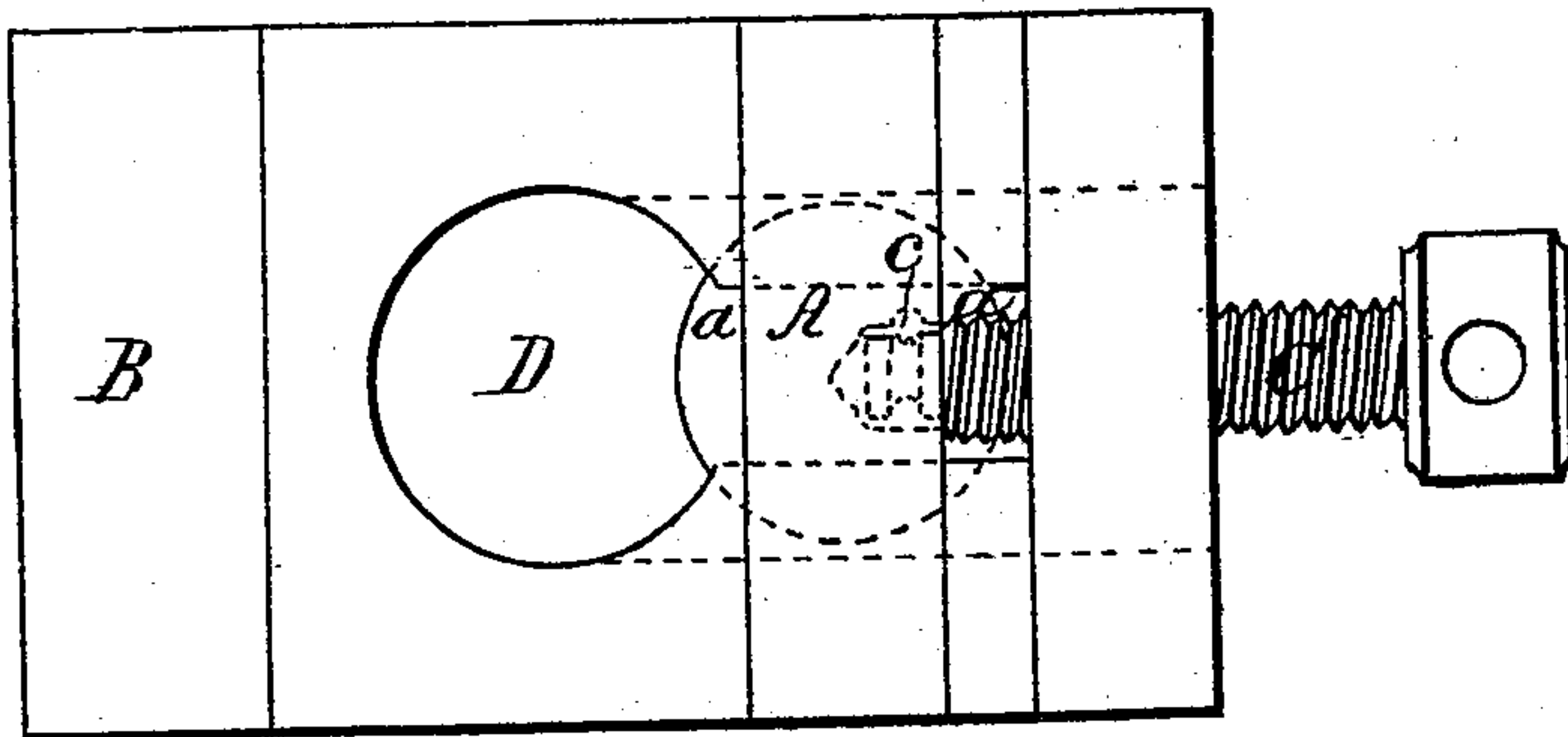
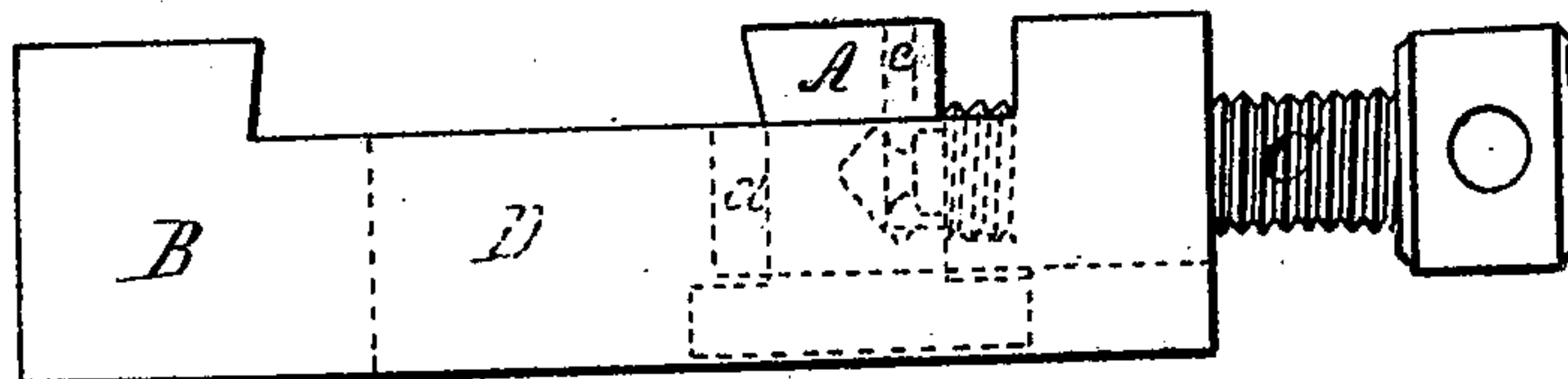


Fig. 3



Witnesses

S. Scholfield

Henry Bruclett

Inventor

John McWilliams

UNITED STATES PATENT OFFICE.

JOHN McWILLIAMS, OF PROVIDENCE, RHODE ISLAND.

IMPROVED DIE-HOLDER FOR SCREW-PRESSES.

Specification forming part of Letters Patent No. **93,215**, dated August 3, 1869.

To all whom it may concern:

Be it known that I, JOHN McWILLIAMS, of Providence, in the county of Providence and State of Rhode Island, have invented an Improved Die-Holder for Presses; and I do hereby declare that the following is a full and exact description, reference being had to the accompanying drawings, making a part of this specification.

The nature of my invention consists in the use or employment of a sliding piece moving in a slot and swiveling slightly upon the end of a central screw in securing the die in a die-holder.

Figure 1 represents an end view. Fig. 2 represents a top view. Fig. 3 represents a side view.

A is the sliding piece, moving loosely in the slot *a* of the frame B and operated by the screw C, which may be secured to the sliding piece by the pin *c*, passing into a groove near the end of the screw, as shown by dotted lines.

The die is to be placed over the hole D. Then as the sliding piece A is screwed up it swivels upon the end of the screw and adjusts itself to any inclination in the sides of the die.

Heretofore the die-holder in common use has been made solid and the die driven in from one side as a wedge; but by this improvement a great deal of labor is saved, as the dies need not be fitted so carefully as heretofore, and they are more readily adjusted in their places.

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

The combination of the slotted frame B, sliding piece A, and central screw, C, the latter being connected to the jaw A, in the manner substantially as described.

JOHN McWILLIAMS.

Witnesses:

S. SCHOLFIELD,
HENRY BLUNDELL.