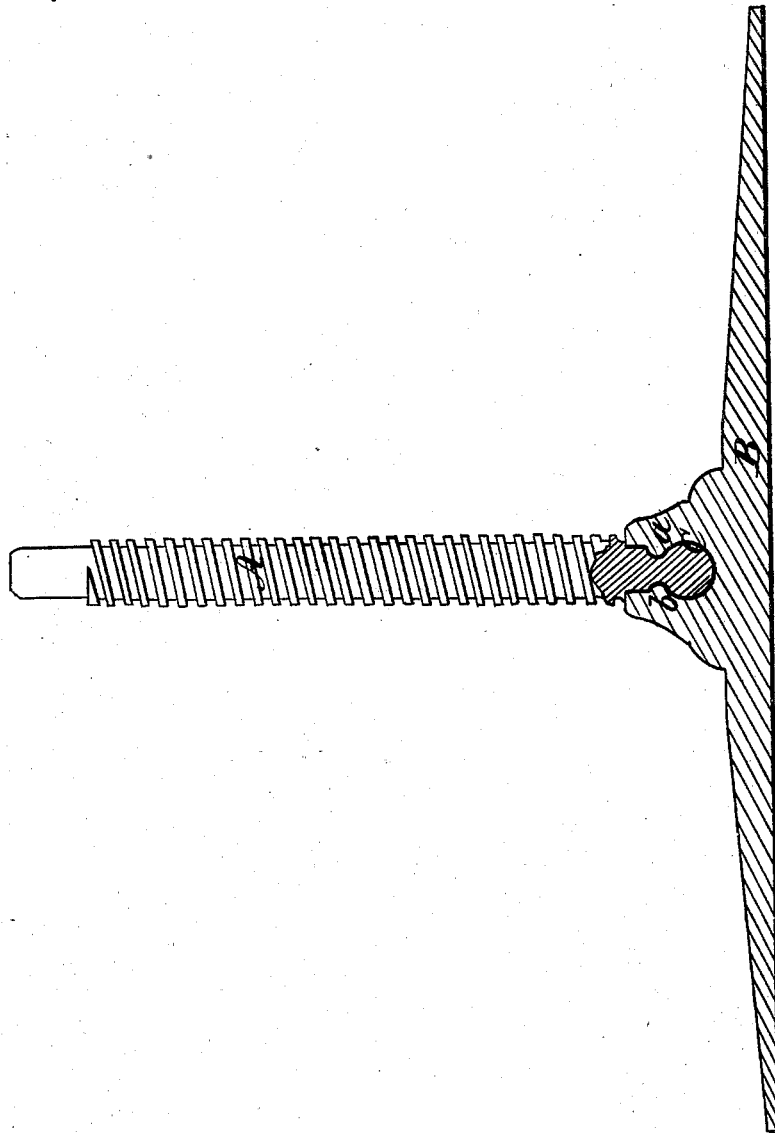


W. Shriver
Copying Press.

N^o 48217.

Patented Jun. 13. 1865.



Witnesses;
D. S. Hewitt
A. Stewart

Inventor;
Walton Shriver

UNITED STATES PATENT OFFICE.

WALTER SHRIVER, OF NEW YORK, N. Y.

IMPROVEMENT IN COPYING-PRESSES, &c.

Specification forming part of Letters Patent No. 48,217, dated June 13, 1865.

To all whom it may concern.

Be it known that I, WALTER SHRIVER, of New York, in the county of New York, in the State of New York, have invented a new and useful Improvement in the Manufacture of Copying-Presses; and I do hereby declare that the following is an exact and full description thereof, reference being had to the accompanying drawing, representing a sectional view of the portion of a letter-copying press embracing my improvement, in which—

B represents the ordinary platen of the press, *a* the socket, and *A* the screw.

In the manufacture of copying-presses it is the usual custom to cast the platen separate from the socket, and afterward to attach it by means of screws passing through the flange of the socket into the platen.

An improvement on the method of attaching the screw to the platen, recently patented, is to cast the socket in a piece with the platen and provide it with a cavity to receive the screw-step, in which is turned an annular recess, and to attach the platen to the screw by running in melted soft metal.

My improvement consists in forming the

lower end of the screw with an annular groove, *b*, and after covering that portion of the screw with a composition of plumbago, C, or other suitable material, mixed to a proper consistency and dried, inserting the screw so prepared into the mold and casting the socket and the platen attached around it, the plumbago composition preventing adhesion between the screw and platen and allowing more or less play, according to the thickness of composition, as may be desired. Thus I greatly reduce the expense of manufacturing and add to the neatness, durability, and simplicity of these presses by a means never heretofore employed in their production.

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

The method above described for forming the connection between the screw and the platen by casting the two together, as described, for the purpose set forth.

WALTER SHRIVER.

Witnesses:

D. S. STEWART,
A. STEWART.