(No Model.)

W. COX.

QUOIN DRIVER.

No. 305,897. Patented Sept. 30, 1884.

Fig. 1.

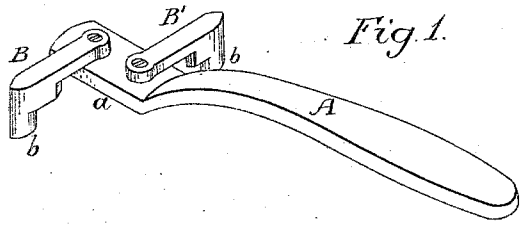


Fig. 2.

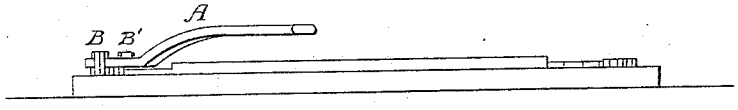


Fig. 3.

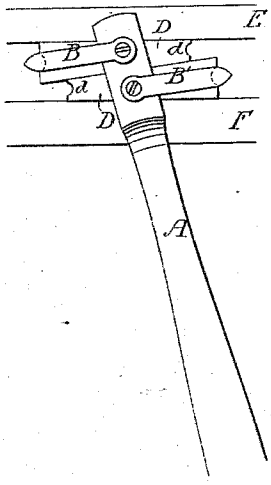


Fig. 4.

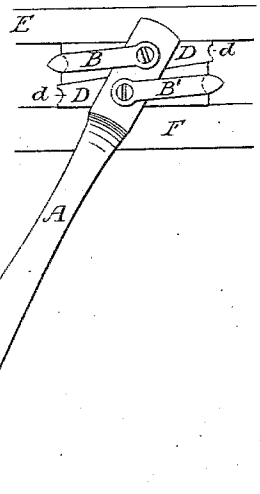
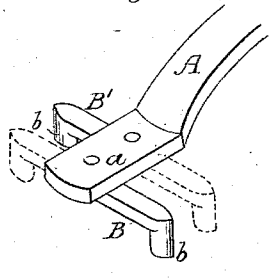


Fig. 5



Witnesses
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Inventor
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UNITED STATES PATENT OFFICE.

WILLIAM COX, OF PHILADELPHIA, PENNSYLVANIA.

QUOIN-DRIVER.

SPECIFICATION forming part of Letters Patent No. 305,897, dated September 30, 1884.

Application filed January 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM COX, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Quoin-Drivers, of which the following is a specification.

My invention consists of certain improvements, fully described and claimed hereinafter, in the device for driving quoins described in Patent No. 11,091, granted to E. H. Sprague, June 13, 1854.

In the accompanying drawings, Figure 1 is a perspective view of my improved quoin-driver; Fig. 2, a side view illustrating its use over the form of type; Figs. 3 and 4, plan views illustrating the manner of driving the quoins; and Fig. 5 is a perspective view of a modification.

My invention is an improvement more particularly on the form of driver illustrated in Fig. 4 of the above-mentioned patent of Sprague, and in which a hand-lever provided with a pin at its outer end is combined with a pivoted arm also carrying a pin, these two pins being adapted to corresponding holes in wedges and bars in the chase, so that by pulling on the hand-lever the form may be locked or unlocked.

In order to get a freer movement of the instrument, I dispense with the pin on the outer end of the hand-lever, and pivot to the latter a second arm, as shown in Fig. 1 of the accompanying drawings, A being the hand-lever, and B and B′ the arms pivoted to the outer flat portion, *a*, of the lever. The pins are in the form of lugs *b* in one part with the arms for greater strength. In the device shown in Fig. 1 these arms are shown as pivoted to the upper side of the lever; but I prefer to pivot them to the under side, as shown in Fig. 5, so that the positions of the arms may readily be reversed, as indicated by dotted lines, when the relative positions of the quoins D to be locked or unlocked may make it desirable.

To facilitate the ready application of the instrument to the quoins D, and to prevent the lugs on the pivoted arms B B′ from slipping when applied, I form on the ends of the quoins notches *d*, into which the lugs *b* readily adapt themselves, as indicated in Figs. 3 and 4, in which E represents part of the edge of the form to be locked up, and F the inner edge of the chase.

In order to permit the instrument to be used with the handle over the type as well as when projecting beyond the outer edge of the chase, I curve the handle upward, as shown in Figs. 1 and 2, to enable the printer to grasp the handle without having his knuckles come into contact with the type.

I claim as my invention—

1. A printer's quoin-driver consisting of a handle having pivoted arms B B′, projecting from opposite sides of the hand-lever, and having pins to engage with the quoins, substantially as set forth.

2. A printer's quoin-driver consisting of a hand-lever provided with two arms, B B′, having pins, and pivoted to the under side of the lever, whereby their relative positions are reversible, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM COX.

Witnesses:
RICHARD L. SCHRYER,
EDMUND F. COX.