

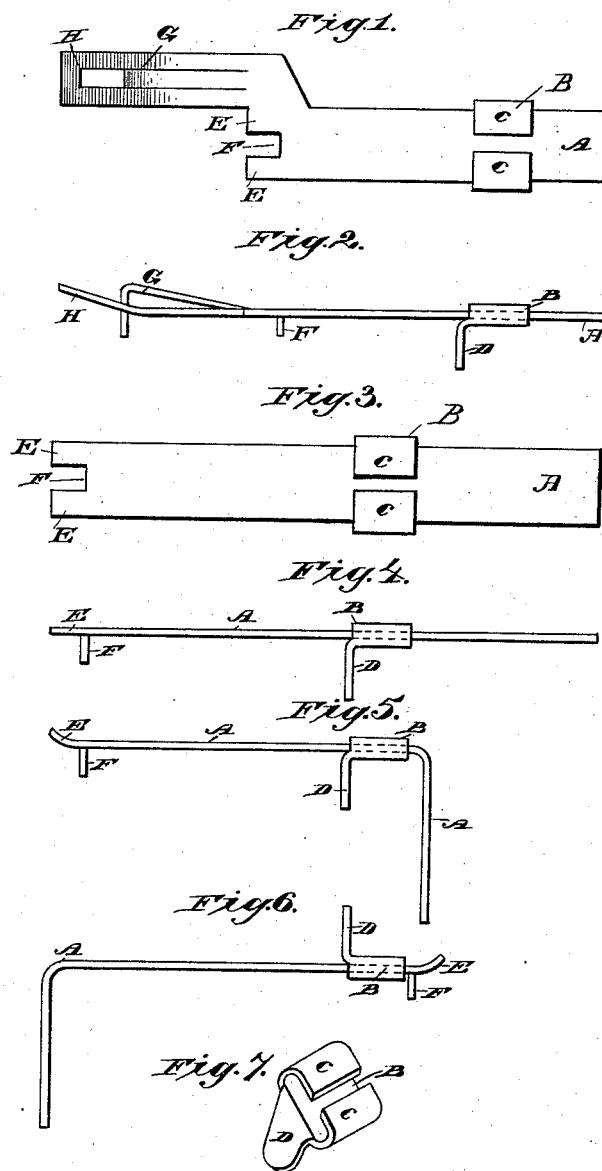
(No Model.)

E. B. WALKUP.

FEED GUIDE FOR PRINTING PRESSES.

No. 305,122.

Patented Sept. 16, 1884.



Attest
Wm. J. Danner
C. H. Campbell

Inventor
Edmund B. Walkup
By *C. D. Campbell*
His Attorney

UNITED STATES PATENT OFFICE.

EDMUND B. WALKUP, OF DELPHOS, OHIO.

FEED-GUIDE FOR PRINTING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 305,122, dated September 16, 1884.

Application filed March 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDMUND B. WALKUP, a citizen of the United States, and a resident of Delphos, in the county of Van Wert and State of Ohio, have invented a new and useful Improvement in Feed-Guides for Printing-Presses, of which the following is a specification.

My invention consists in an improved guide and guide-holder for printing-presses, and is described and set forth below.

Figure 1 is a top view of my flexible double guide and flexible friction-loop. Fig. 2 is a side view showing the end guide, G, bottom guide, F, spring pull-off H, and flexible loop or clamp B, with insertion-piece D, which is held between the platen and clamp. Fig. 3 is a top view of my single flexible split-head strip A and clamp B. Fig. 4 is a side view of the same. Fig. 5 is also a side view of Fig. 3, with the lower end of the flexible stem bent down out of the way of the rollers. Fig. 6 is another side view of same with stem reversed and the end bent to insert between the platen and the clamp, while the arm D of the loop is turned up and used as a feed-guide; Fig. 7, a perspective view of clamp B, showing flexible jaws C and insertion-piece D.

A is a flexible metallic strip or guide-carrier, which plays in friction-loop or clamp B, which has the two adjustable friction-jaws C, to hold the strip A in proper position in the loop, and the projecting lip D, which is inserted between the edge of the platen and the clamp to hold the loop B firmly in position. The jaws C are adjustable by pressure of the fingers to properly clamp guide-carriers of different thicknesses.

E is the projecting split end of my blank, which overhangs the paper, card, or other material to be fed, to keep it from slipping over the guides in feeding, and to pull it off the form when printed.

F is the downwardly-projecting guide against which the paper or card is fed.

G is a curved tongue or side guide on blank

A, arranged in such manner that the pressman can feed accurately endwise and side-wise, while the spring-strip H serves as an additional factor in pulling the sheet off the form, its normal position being elevated to allow the sheet to be fed beneath it, but being in such position that the nippers shall press it down upon the sheet until the sheet is pulled from the form.

I make my guide-carrier or stem A of thin flexible metal or other suitable material, splitting the head E, and bending a piece, F, down to form the guide. This carrier is passed through the loop B, having flexible jaws C, and insertion or holding piece D, which is inserted between the platen and clamp, and held there simply by friction.

By making my stem flexible I can bend the lower end down out of way of the rollers on presses, where straight ones would interfere. I can also reverse my stem, bend the end and insert it between the platen and clamp, and by turning my loop over feed against arm D.

What I claim is—

1. The combination, with the flexible open friction-loop B, having adjustable jaws C and insertion-piece D, of the pliable guide-carrier A, as and for the purpose set forth.

2. The combination, with a guide-carrier for printing-presses, of the open adjustable friction-loop B, having insertion-piece D, as and for the purpose set forth.

3. As an article of manufacture, a guide for printing-presses, consisting of the pliable guide-carrier A, friction-loop B, guides F and G, and the pull-off H, as and for the purpose set forth.

4. The combination, with the open adjustable friction-loop B, having insertion-piece D, of the pliable reversible guide-carrier A, substantially as set forth.

EDMUND B. WALKUP.

Witnesses:

JOHN KING,

G. ED. NAFTZGER.