G. WILCOX.

Feed-Gages for Printing-Presses.

No. 143,652. Patented Oct. 14, 1873.

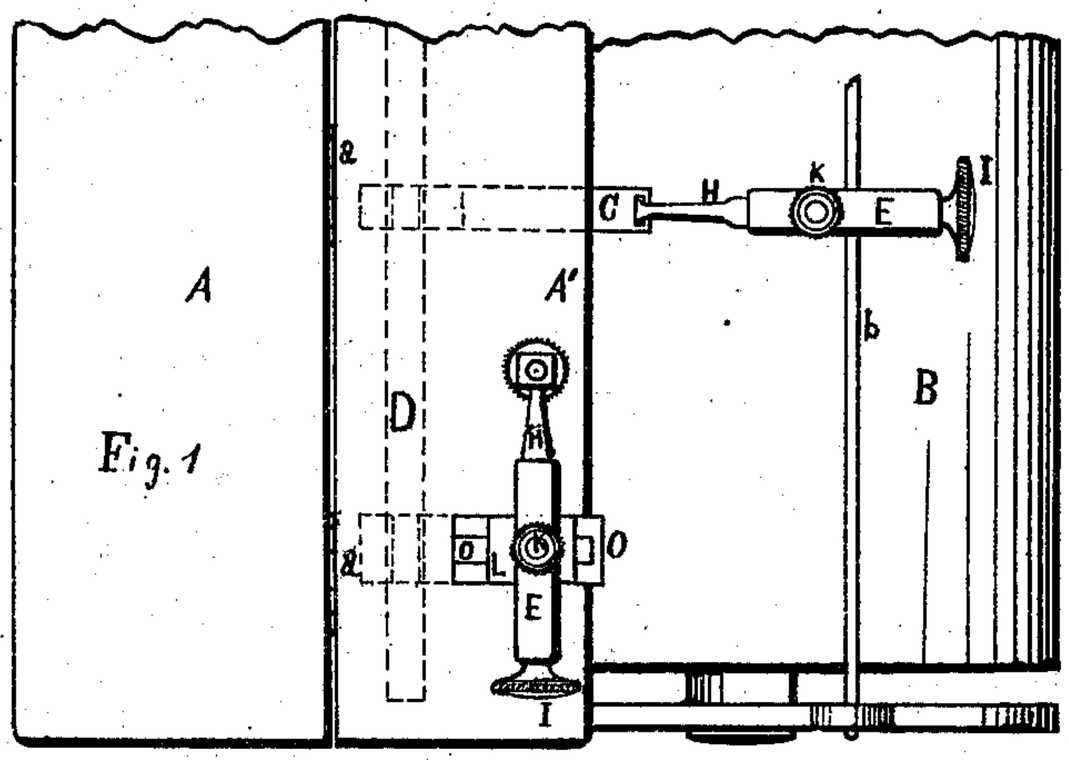

Fig. 1

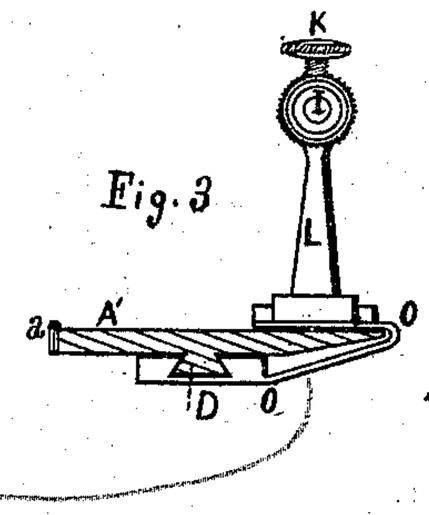

Fig. 3

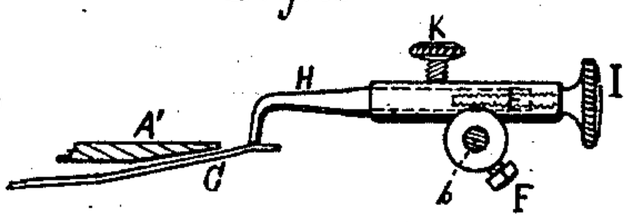

Fig. 2

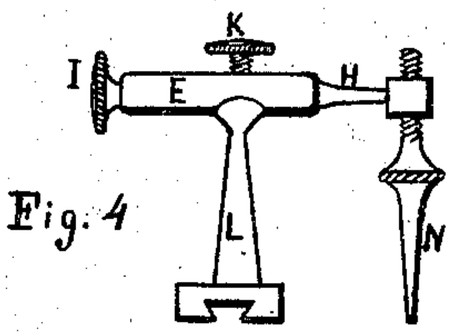

Fig. 4

WITNESSES.
Webster Park
A. F. Park

INVENTOR.
Gordon Wilcox

AM. PHOTO-LITHOGRAPHIC Co. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

GORDON WILCOX, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN FEED-GAGES FOR PRINTING-PRESSES.

Specification forming part of Letters Patent No. **143,652**, dated October 14, 1873; application filed July 17, 1873.

To all whom it may concern:

Be it known that I, GORDON WILCOX, of Norwich, in New London county and State of Connecticut, have invented certain Improvements in Feed-Gages for Printing-Presses, of which the following is a specification:

My invention consists in the construction of two front guides and one side guide, in such a manner that they can be readily attached upon the feed-board without requiring any alteration to be made therein, and that they may be adjusted with the greatest accuracy, either while the press is at rest or in motion.

Figure 1 is a top view of a part of the feed-board and cylinder of a press, showing one of my front guides and the side guide arranged in position for use. Fig. 2 is a side view of the front guide. Fig. 3 shows an end view, and Fig. 4 a side view, of the side guide, and the manner of attaching it upon the feed-board.

A is the feed-board, A′ being the flap, having the hinges *a a*. B is the cylinder, and *b* is the rod extending across the press above the cylinder. C is one of the pair of guide-tongues which are secured to the under side of the flap A′ of the feed-board by means of the dovetailed grooves sliding upon the bar D, which is secured to the under side of the flap, as shown by the dotted lines in Fig. 1, all these parts being of the ordinary construction now used in cylinder-presses.

My improved two front guides each consist of the stationary hollow cylinders E, which are secured at any required distance from each other to the rod *b* by the set-screws F, as shown in Fig. 2, having the slides H of the guides loosely inserted within the cylinders E, so as to be moved freely forward and back by the adjusting-screws I, which pass through the outer end of the cylinders E, and work into the slides H, thus effecting a very nice adjustment of either or both front guides to the work, while the press is at rest or in motion, the set-screws K securing the slides H firmly in their adjusted positions.

My improved side guide has its cylinder E, slide H, and screws I K made and operating the same as in the front guides, except that it has its cylinder supported upon the post L, and the adjustable screw-point N inserted through the end of the slide H, as shown in Fig. 4. O is a strip of metal, which is fitted to and slides upon the bar D precisely the same as the ordinary guide-tongues C, having its front end turned back over the feed-board, as shown in Fig. 3, and forming with the base of the post L a dovetailed sliding joint, as shown in Figs. 3 and 4, thus holding the side guide securely without any cutting or alteration of the feed-board, while the guide can be set upon any place on the board, as required, after which it can be nicely adjusted, the same as the front guides above described.

I claim as my invention—

1. The combination of the cylinder E, slide H, adjusting-screw I, and set-screw K, as a front guide for a cylinder-press, substantially as described.

2. The combination of the cylinder E, slide H, adjusting-screw I, set-screw K, adjustable screw-point N, and post L, dovetailed upon the bar O, as a side guide, substantially as herein set forth.

GORDON WILCOX.

Witnesses:
A. F. PARK,
WEBSTER PARK.