S. P. HALLECK.

Feed-Gage.

No. 204,967. Patented June 18, 1878.

Fig: 1.

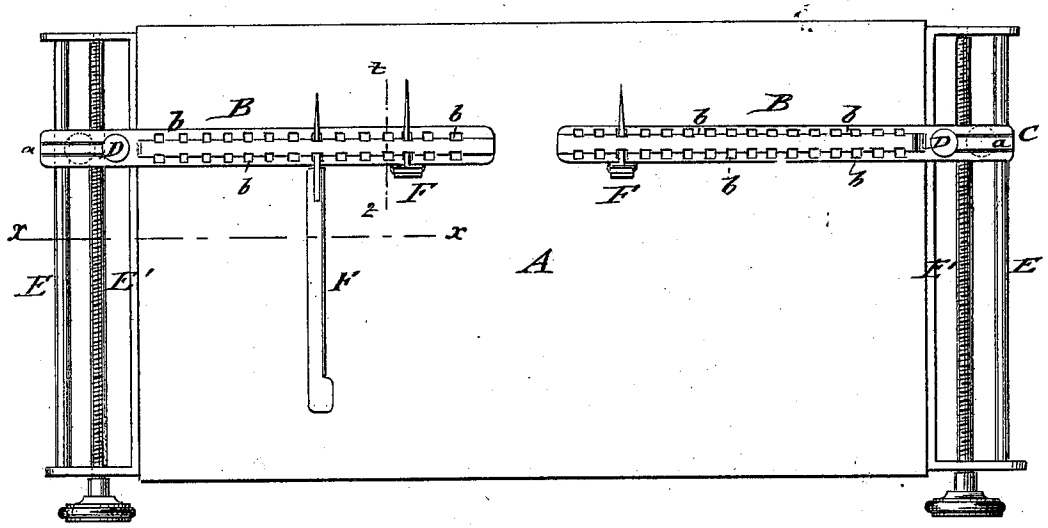
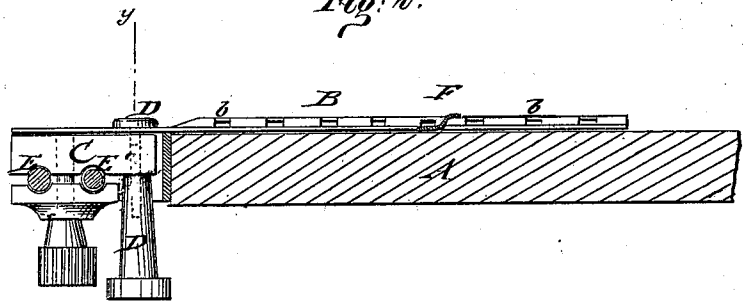


Fig: 2.



y

Fig: 3.

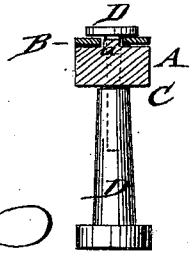
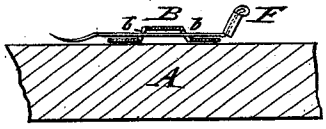


Fig: 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SAMUEL P. HALLECK, OF ORISKANY, NEW YORK.

IMPROVEMENT IN FEED-GAGES.

Specification forming part of Letters Patent No. **204,967**, dated June 18, 1878; application filed April 5, 1878.

To all whom it may concern:

Be it known that I, SAMUEL P. HALLECK, of Oriskany, in the county of Oneida and State of New York, have invented a new and Improved Platen-Gage, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view of a platen with my improved gage. Fig. 2 is a vertical longitudinal section of the same on line *x x*, Fig. 1. Fig. 3 is a detail vertical central section on line *y y*, Fig. 2, of the clamp for securing the finger-bar of the gage; and Fig. 4 is a detail vertical transverse section of the finger-bar and end gage on line *z z*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish for the platen of printing-presses an improved gage by which the pin-holes in the blanket are done away with, and the end and side gages readily adjusted to the paper to be printed on the press.

Referring to the drawing, A represents a platen of the usual construction as used on printing-presses, and B the adjustable finger-bars, that are secured by their slotted ends to raised central shoulders or ribs *a* of split nuts C, the finger-bars being rigidly clamped to the split nuts by a clamp-disk and screw-socket, D, as shown clearly in Fig. 3. When the finger-bars are attached to the adjusting-nuts C, the same are secured at right angles to the sides of the platen, and parallel to the longer sides of the same.

The split adjusting-nuts are guided along fixed smooth rods E at the sides of the platen, and readily adjusted to a nicety by screw-rods E′, that turn in end bearings of projecting side lugs of the platen. The split nuts are tightly clamped to the guide and screw-rods by thumb-nuts, the split nuts admitting the quick adjustment of the finger-bars and the clamping of the same into position, while the screw-rods admit the adjustment of the finger-bars on the platen into the exact position required, with the least possible delay, after the clamping-screws have been tightened.

The finger-bars are provided with a middle raised portion, having a series of side perforations, *b*, through which the pin-shaped shanks of the side and end gages F are placed, they being readily adjusted to the size of the paper to be printed.

In place of the perforated finger-bars, a small longitudinal screw-rod may be used at the inside of the finger-bars for adjusting the gages. The finger-bars can be quickly removed by loosening the clamping device by which they are secured to the split nut, so that a new blanket may be put on the platen.

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

1. The combination, with a platen, of finger-bars, split clamp-nuts, and plain and threaded guide-rods at the sides of the platen, substantially as and for the purpose specified.

2. The clamp-disk and screw-socket D, rod E, and screw E′, combined with the finger-bar B and split nut C, as and for the purpose specified.

SAMUEL P. HALLECK.

Witnesses:

GEORGE H. GRAHAM,

DATUS WOODWARD.