

E. L. Megill,
Registering App^{ts}.

No. 112,827.

Patented Mar. 21. 1871.

Fig. 1.

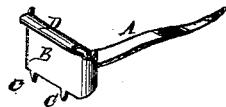


Fig. 4.
Modification.

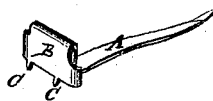


Fig. 2.

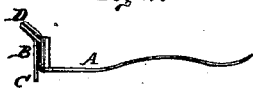


Fig. 5.



Fig. 3.

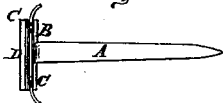
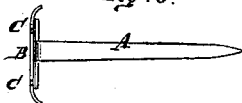


Fig. 6.



Witnesses:

Chas. Nida
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per M. W. L.

Attorneys.

United States Patent Office.

EDWARD L. MEGILL, OF BROOKLYN, NEW YORK.

Letters Patent No. 112,827, dated March 21, 1871.

IMPROVEMENT IN PLATEN FEED-GUIDES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, EDWARD L. MEGILL, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Platen Feed-Guides; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a perspective view of my improved feed-guide.

Figure 2 is a sectional view of the same.

Figure 3 is a bottom view of the same.

Figure 4 is a perspective view of a modified form of the same.

Figure 5 is a sectional view of the same.

Figure 6 is a bottom view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved feed-guide; and

It consists in the feed-guide constructed as hereinafter more fully described.

A are the blades of the guides, which are made crooked and with their points turned upward, as shown in figs. 1, 2, 4, and 5, in the usual manner.

The plate B of the guide is made with two points or prods, C, in its lower edge, which, when the blade A has been inserted in the tympan-sheet and the guide adjusted in place, are forced downward their full length by pressing upon the upper edge of said plate.

The holes made by the points C are so small and clear that they do not in the least injure the packing, as is the case when common pins are used.

The points C also prevent the sheets from sliding under the guides, as they are liable to do with quads, &c.

The upper edge of the plate B is inclined forward

to form a cap, D, to prevent the sheets from springing over the guides.

The face of the plate B is made flat, broad, and smooth, and its ends are rounded off or turned to the rearward, as shown in the drawing, so that anything from the thickest card-board to the thinnest and roughest-edged paper can be fed to the guides with the greatest ease and without checking.

The faces of the guides are slightly inclined toward the sheets, so that the register is perfect and does not require, as with the old mode of registering, that the edge of the sheets should be pressed down to the bottom of the face of the guides by the feeder.

The size of the caps and faces of the guides will be varied to suit the different forms of types and woodcuts, and will be made without the caps D when required for registering sheets without any margin.

Guides thus formed can be readily shifted or adjusted by simply raising the points C and moving the said guides forward or backward, as may be required. Or the guides can be removed and replaced exactly in the required position.

The tympan-sheet can also be raised for any alteration in the "making ready" without removing or displacing the guides, as they are held by the tympan-sheet alone.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

As an improvement upon feed-guides, consisting of the parts B, D, and A, providing the part B with teeth C C to penetrate the tympan, substantially as described.

The above specification of my invention signed by me this 15th day of August, 1870.

EDWARD L. MEGILL.

Witnesses:

JAMES T. GRAHAM,
T. B. MOSHER.