

(No Model.)

W. B. SMITH.

FEED GUIDE FOR PRINTING PRESSES.

No. 297,464.

Patented Apr. 22, 1884.

Fig. 1.

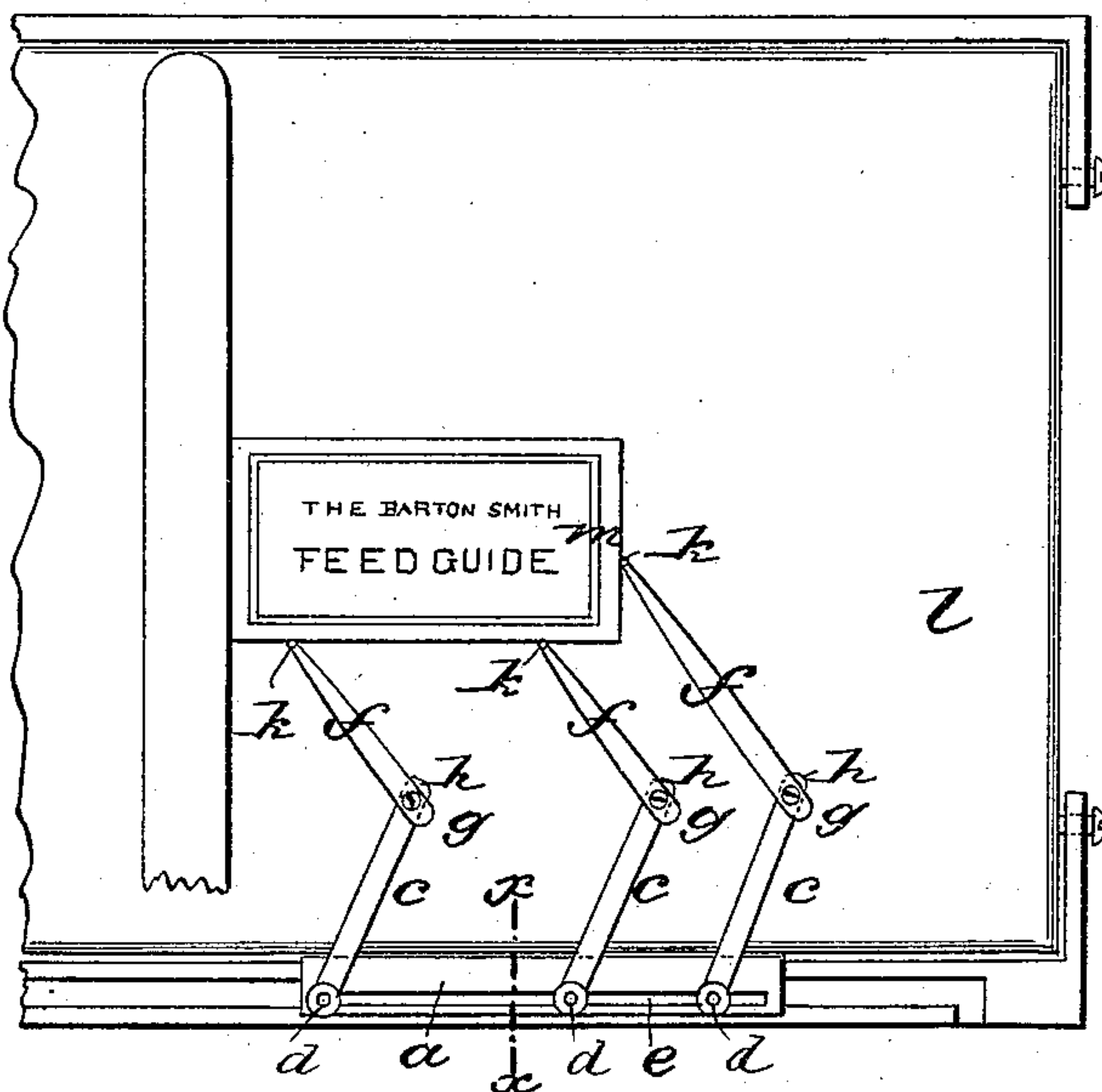
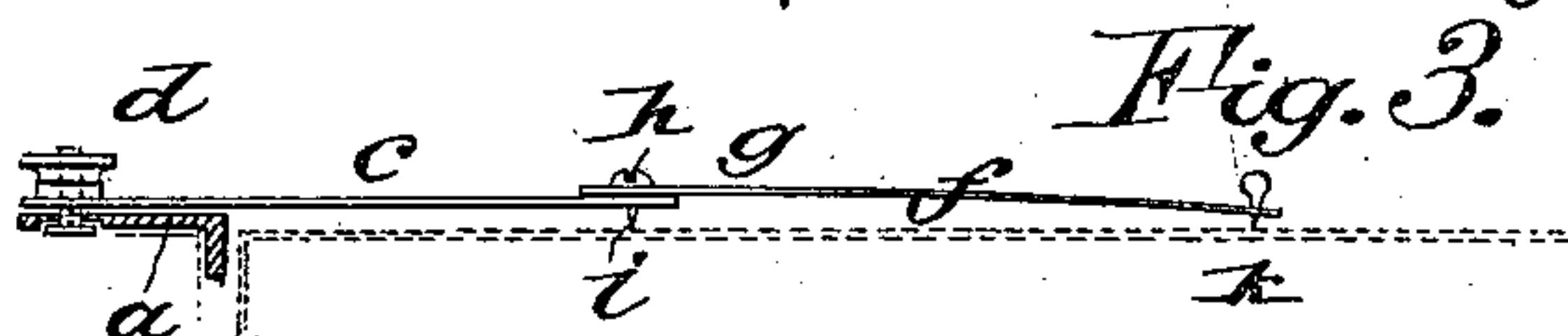
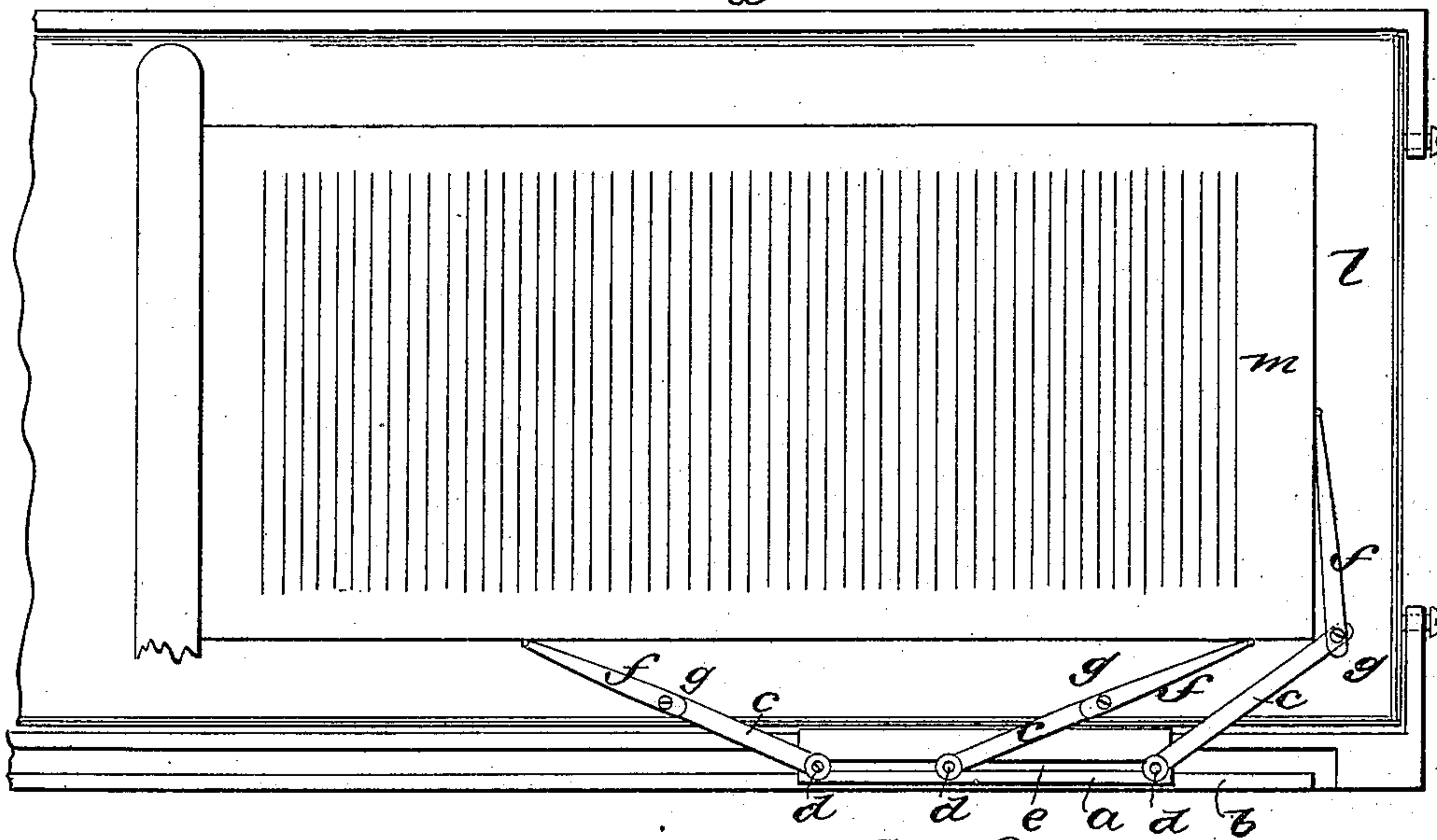


Fig. 2.



WITNESSES:

*Hutcher*  
*C. Sedgwick*

INVENTOR:

*W. B. Smith*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM B. SMITH, OF ORLANDO, FLORIDA.

## FEED-GUIDE FOR PRINTING-PRESSES.

SPECIFICATION forming part of Letters Patent No. 297,464, dated April 22, 1884.

Application filed July 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM B. SMITH, of Orlando, in the county of Orange and State of Florida, have invented a new and Improved  
5 Feed-Guide for Printing-Presses, of which the following is a full, clear, and exact description.

This invention pertains to an improvement in feed-guides for printing-presses; and it consists of the detailed construction and combination of parts, substantially as hereinafter  
10 fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate  
15 corresponding parts in all the figures.

Figure 1 is a plan view of part of the platen of a printing-press with my improved guide attachment. Fig. 2 is a plan view of the same on a larger scale, showing the guide adjusted  
20 for a full-chase job. Fig. 3 is a section on line *x x*, Fig. 1.

To the base *a*, consisting of a suitable bar of metal adapted to be clamped between the tympan-bar *b* and the platen, I connect three fingers, *c*, of thin, flat spring metal, by thumb-  
25 screws *d*, adapted to shift along the slot *e*, as may be required. To each finger there is attached an extension, *f*, by a joint, *g*, connected by a small thumb-screw, *h*, having a small  
30 point, *i*. At the outer end of each extension *f* there is a point, *k*. The points *k* are to be set in the tympan-sheet *l* at the edges of the paper *m*, as shown, and the points *i* are to set  
35 touch, to stay the points *k*. From joints *g* the

parts *f* of the fingers spring downward a little to press the points *k* down in the sheet *l*. The attachment needs no screw-driver or wrench for adjusting it, as the joints are secured by small substantial thumb-screws, and the fingers  
40 spring sufficiently to allow the points to be raised and carried around and to keep them pressed into the tympan. The finger at the right hand for gaging the end of the sheet may be longer than others, if preferred.

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

1. In a feed-guide for printing-presses, the combination, with the base-bar, of the series of fingers, each composed of articulated sections and pivoted to said bar, one of said series of fingers being longer than the others, to enable it to rest against a side edge of the sheet of paper, while the other fingers rest against or support the bottom edge thereof,  
50 substantially as and for the purpose set forth.

2. In a feed-guide for printing-presses, the combination, with the base-bar having a longitudinal slot, of the series of fingers, each composed of articulated sections and adjust-  
60 ably pivoted to said bar, one of the series of said fingers being longer than the others and resting against a side edge of the paper, while the shorter fingers rest against or support the bottom edge thereof, substantially as and for  
65 the purpose set forth.

WM. B. SMITH.

Witnesses:

J. L. BRYAN,  
R. T. WAY.