(No Model.)

E. A. LINGNER.

COPY PRESS.

No. 430,781. Patented June 24, 1890.

Fig 1.

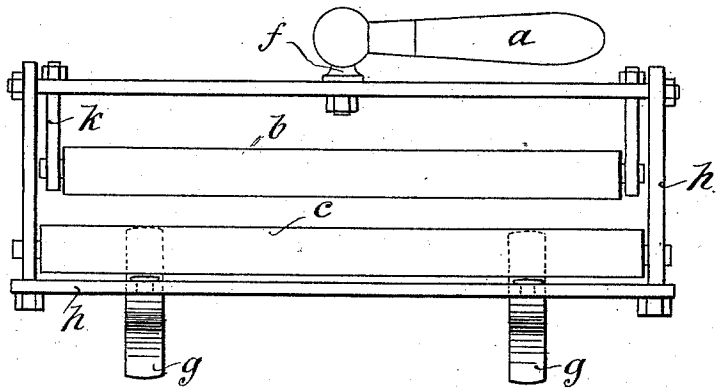
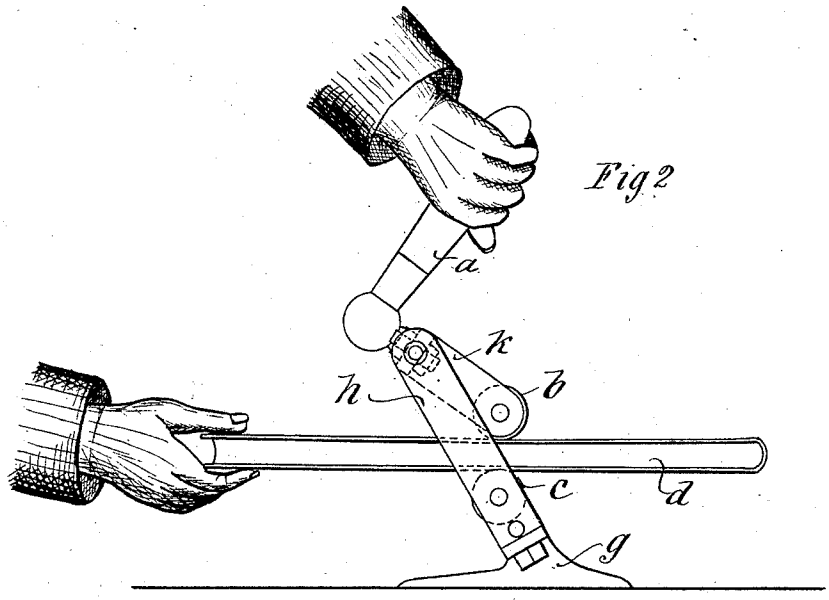


Fig 2



Witnesses
Eustace Hopkins.
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by
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EMIL ANTON LINGNER, OF LEIPSIC, GERMANY.

COPY-PRESS.

SPECIFICATION forming part of Letters Patent No. 430,781, dated June 24, 1890.

Application filed January 16, 1890. Serial No. 337,147. (No model.) Patented in Germany January 10, 1889, No. 47,637; in England April 22, 1889, No. 7,019, and in Austria-Hungary April 26, 1889.

To all whom it may concern:

Be it known that I, EMIL ANTON LINGNER, a subject of the King of Saxony, and a resident of Leipsic, No. 3 Hain Strasse, in the Kingdom of Saxony, German Empire, have invented some new and useful Improvements in Copy-Presses, of which the following is a clear description, and for which I have obtained patents in Germany, No. 47,637, on the 10th of January, 1889; in England, No. 7,019, on the 22d of April, 1889, and in Austria-Hungary on the 26th of April, 1889.

My invention relates to a copy-press by means of which it is possible to produce a good clear copy of letters or any other manuscripts, and at the same time the copy-press is so small that it can be conveniently carried in the breast-pocket of a coat. For this reason my improved copy-press is invaluable for commercial travelers.

In order to make the following description more clear, I refer to the accompanying drawings, in which similar letters denote similar parts throughout the several views.

Figure 1 is an end elevation of the press. Fig. 2 is a side elevation of the same.

The roller *b* runs in the frame *k*, which is pivoted in frame *h*, and to which the handle *a* is pivoted at *f*. Roller *c* runs in frame *h*, which is provided with the supports or feet *g g*.

The apparatus is operated in the following manner: The handle *a* must be held in the left hand and pressed backward, whereby the top roller *b* will be pressed upward. The copy-book *d* is then laid between the two rollers *b* and *c*, the press held in the slanting position on the table, and the handle *a* pressed downward. The copy-book must now be pulled and pushed forward and backward between the two rollers two or three times, when the manuscript will be found to have been copied distinctly. The handle *a* is pivoted at *f*, and so, after the copying is finished, can be turned round in the position shown in Fig. 1, and the copy-press conveniently placed into the breast-pocket.

The frame *h* is provided with feet *g g*, which are provided with a cloth covering to prevent their slipping about on the table. These feet are pivoted to the lower bar of the press, and may be turned round so that the press may be conveniently packed into a flat case.

Instead of the feet *g g*, pivoted to frame *h*, I can make the same of india-rubber, in which case they may be so small that they will pass into the narrow pocket-case, and in consequence it is not necessary that they should be pivoted to the frame, as they may consist of two rivets projecting beneath the frame and provided with india-rubber knobs or coverings.

Having thus fully described and explained the nature of my invention, what I desire to secure by Letters Patent of the United States is—

1. The combination, with the frame *h* and the roller *c* journaled therein, of a roller *b*, having its bearings in frame *k*, pivoted to frame *h*, roller *b* being adapted to be pressed by means of a hand-lever *a* on a book drawn through between the two rollers, for the purpose substantially as described.

2. The combination, with frame *h*, having roller *c*, and frame *k*, having roller *b* and pivoted to frame *h* in the manner specified, of the feet *g g*, pivoted to frame *h*, and of handle *a*, pivoted to frame *k*, for the purpose described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

EMIL ANTON LINGNER.

Witnesses:

CARL BORNGRAEBER,

HERMANN CHRISTEN.