

A. N. KELLOGG.
Stereotype-Plate Holder.

No. 163,872.

Patented June 1, 1875.

FIG. 1.

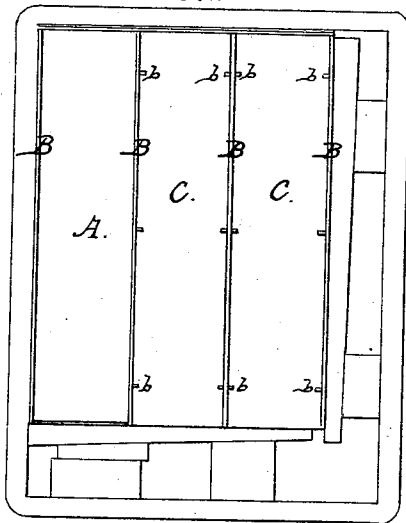


FIG. 3. FIG. 4.

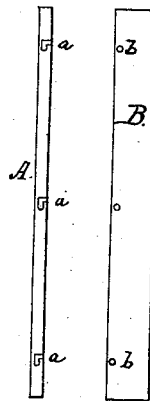


FIG. 2.

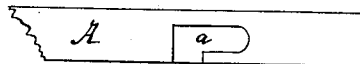
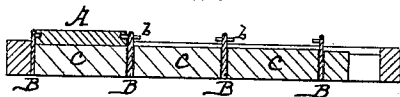


FIG. 5.

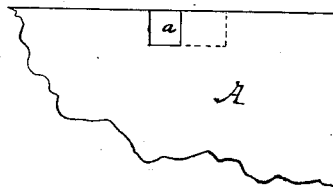


FIG. 6.

Witnesses:
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN STEREOTYPE-PLATE HOLDERS.

Specification forming part of Letters Patent No. **163,872**, dated June 1, 1875; application filed April 26, 1875.

To all whom it may concern:

Be it known that I, ANSEL N. KELLOGG, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Stereotype-Plate Fastenings, of which the following is a specification:

In this invention I have sought to contrive a simple way of producing a stereotype-page form in which any one of the several columns shall be readily removable from the page when in the chase, and upon the press, if necessary, to change the matter without disturbing the other columns. I have determined that the best method of locking the column-plate to the page should comprise a short lengthwise motion of the plate. This motion must be very slight, so as not to require the removal of the form from the chase or press. The present essay consists in providing the column-rules, which extend down the full depth between the wooden base-blocks to the bottom of the form, with short pins at stated intervals, projecting over upon the territory of the stereotype-plate, and cutting into the side edges of said plates at like intervals L-shaped cavities, so that the plate may be fastened by setting it down upon the block over the pins, and moving it slightly to cause the pins to enter the lipped portion of the cavity, all of which will be fully understood by reference to the drawing accompanying and forming a part of this specification, in which illustration—

Figure 1 represents a plan view of a page-form containing my invention, the form being locked in the chase. Fig. 2 is a cross-section of the same. Fig. 3 is an edge view of one of the column-plates; Fig. 4, a side view of one of the column-rules. Fig. 5 is an edge view of a portion of the column-plate upon a somewhat larger scale, and Fig. 6 a similar bottom view.

Like letters of reference made use of in the several figures indicate like parts in all of them where used.

In said drawing, A represents the stereo-

type-page plate. B B are the column-rules, which are locked in the chase between the bed-blocks C C. These column-rules are furnished at stated intervals in their length, and at a height above the bed-block, with short transversely-projecting pins *b*. At similar intervals the side edges of the plates A are cut with L-shaped cavities *a*, the form of which cavities is more distinctly shown at Figs. 5 and 6 of the drawings. Each cavity consists of a slot of a depth equal to the length of the pins *b*, and extended a short distance parallel to the upper surface of the plate, and at one extremity cut down and out through the bottom of the plate. In Figs. 1 and 2 all of the column-plates are removed from the form, except the left-hand one.

The operation of securing the plate in the form consists simply in placing it down between the rules with the mouths of the cavities over the pins upon said rules, and the bottom of the plate resting upon the upper surface of the block beneath. If the plate is now pushed for a little distance, which need not be more than one-eighth of an inch, the lipped portion of the cavities in the plate will pass onto the pins, and the plate is fastened. The reverse of this motion will unfasten it.

The cavities described may be very readily and rapidly cut into the plates by a drill. The furnishing of the column-rules is no great task, as but comparatively few of said rules are required.

Having thus fully described my invention, what I claim as new, and desire to obtain by Letters Patent, is—

The combination of the column-plate, provided with the L-shaped cavities in its side edges, with the column-rules furnished with pins, substantially as specified.

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Witnesses:

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