(No Model.)

C. E. JONES.

GAGE FOR JOB PRINTING PRESSES.

No. 442,255. Patented Dec. 9, 1890.

Fig. 1.

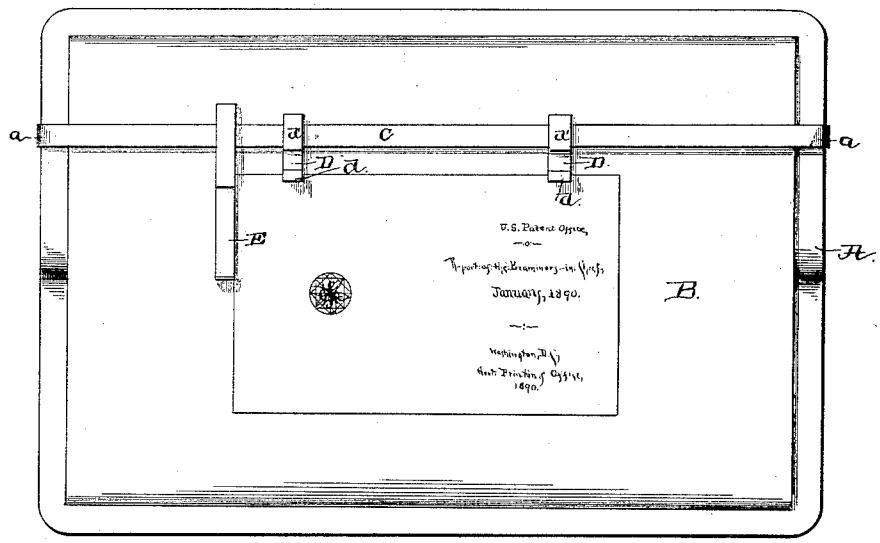


Fig. 2.

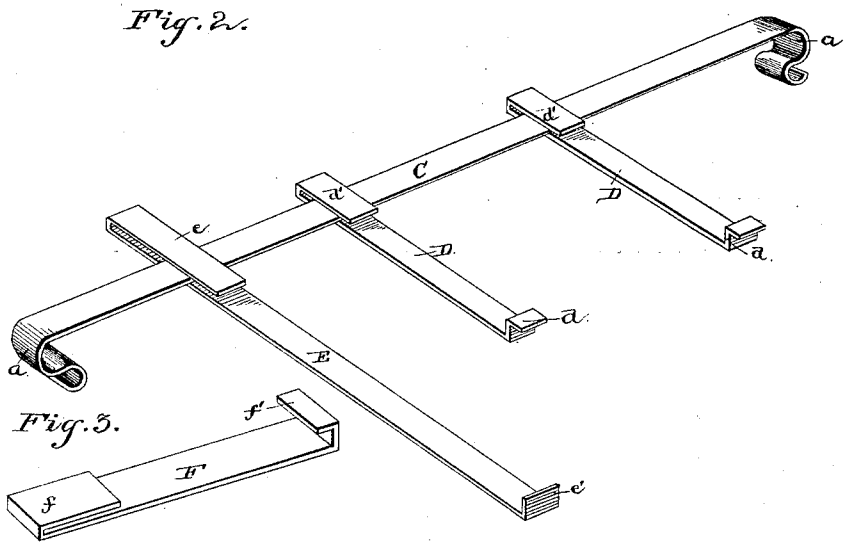


Fig. 3.

Witnesses

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CHARLES E. JONES, OF DALLAS, TEXAS.

GAGE FOR JOB-PRINTING PRESSES.

SPECIFICATION forming part of Letters Patent No. 442,255, dated December 9, 1890.

Application filed May 3, 1890. Serial No. 350,455. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. JONES, a citizen of the United States, residing at Dallas, in the county of Dallas and State of Texas, have invented a new and useful Gage for Job-Printing Presses, of which the following is a specification.

My invention is an improvement in gages for job-printing presses, and has for its objects to provide a gage which will be simple and cheap of construction, which may easily be set, and which will remain in the desired position when once adjusted.

With these objects in view the invention resides in the various novel details of construction hereinafter described, and pointed out in the claim.

In the accompanying drawings, forming part of this specification, like letters and figures of reference indicate corresponding parts.

In the drawings, Figure 1 is a plan view of the platen of a printing-press, showing my improved gage in position; and Fig. 2 is a perspective view of the same. Fig. 3 is a view in detail of a modification of my device.

In the drawings, A represents the platen of a printing-press; B, the tympan-sheet, retained upon the platen by the usual means.

C is a gage-bar, made of flat spring-steel or other suitable material and bent downwardly at both ends to form spring-clamps *a* with which to clasp the edges of the platen, upon which it is adjustable.

D D are gage-pins. Each gage-pin D is formed of a single piece of spring-steel doubled upon itself and bent in two opposite right angles to form the ear *d*. The two arms *d' d'* of the pins clasp tightly the gage-bar C, and are adjustable thereon. E is a side gage to regulate the margin on the left side of the work.

F F are larger gage-pins to feed to when there is more margin required than can be given by pins D D.

When the tympan-sheet B has been fastened on the platen, I place the gage-bar thereupon, retaining it in the desired position by the end springs *a a*, which embrace the edges of the platen firmly, yet permit of ready adjustment. The gage-pins D D are now moved along the bar C to any desired place, where they remain, their arms or ends *d' d'* firmly closed upon the bar C. The side gage E is now adjusted, and the gage-pins D are ready to have paper fed to them in the usual manner well known in the art. If, however, more margin is required than can be given by the use of the gage-pins D D, the larger pins F F, Fig. 3, are employed. These are formed of flat spring metal and differ somewhat from the pins D D. Instead of the construction employed for the latter, pins F F are each formed of a single piece of spring-steel having one end bent upon itself only enough to clasp the gage-bar C, as shown at *f*, the other end *f'* being bent in two right angles in the same direction. Side gage E need not differ from F; but in the drawings it is shown with only one bend at *e'*.

I have described my gage as constructed of thin flat spring-steel, and this shape and this material I prefer at present; but I may use other shape or any other materials that will effectually accomplish the same purpose.

It will readily be seen that my gage has many advantages, the chief of which are its simplicity, its cheapness, its readiness of adjustment, and the accuracy with which it holds any position once given it.

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

In a gage for printing-presses, the gage-bar C, provided at both ends with spring-clasps *a* for engaging the platen, combined with gage-pins doubled upon themselves at their inner ends and engaging the gage-bar and adjustable laterally, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHAS. E. JONES.

Witnesses:
FRANK WHEAT,
N. S. BORICK.