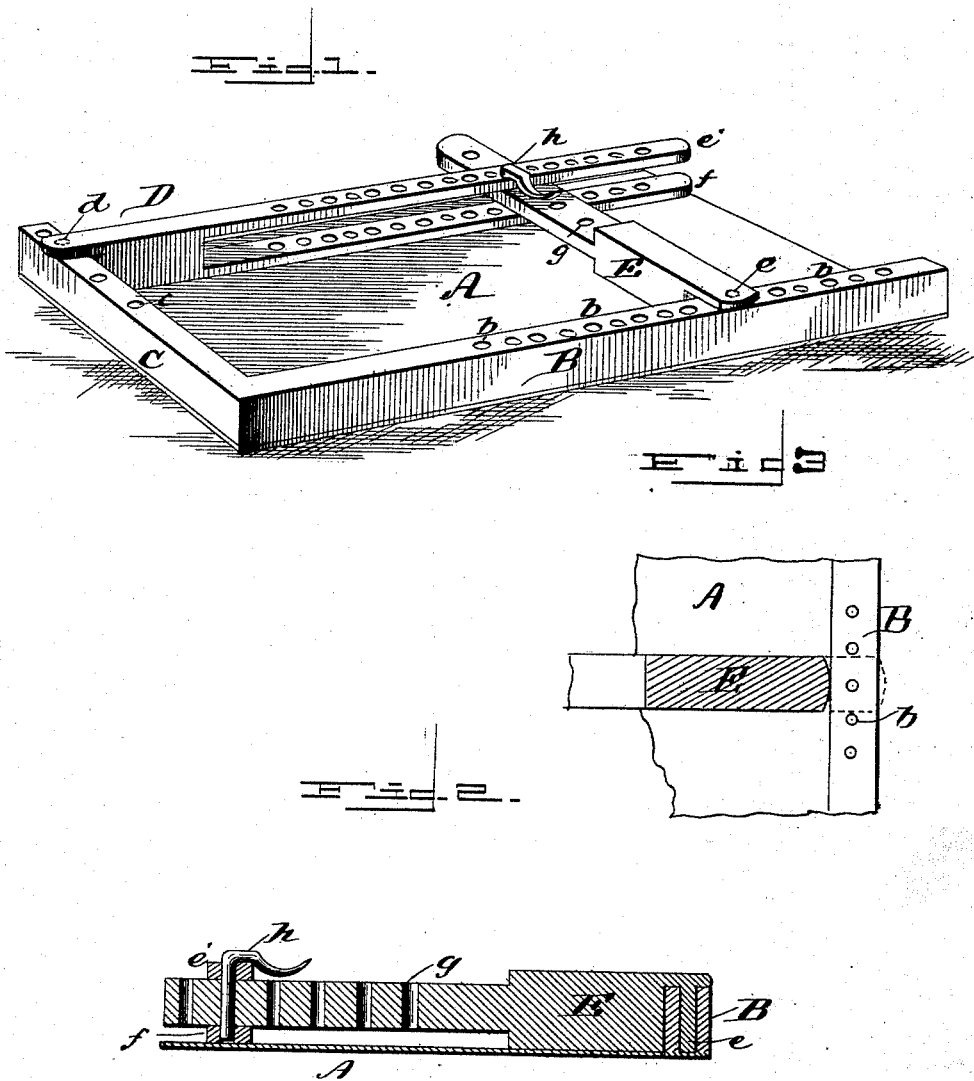


(No Model.)

N. G. DUFFY.
SELF LOCKING JOB GALLEY.

No. 483,434.

Patented Sept. 27, 1892.



Witnesses,
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UNITED STATES PATENT OFFICE.

NICHOLAS G. DUFFY, OF CHARLESTON, SOUTH CAROLINA.

SELF-LOCKING JOB-GALLEY.

SPECIFICATION forming part of Letters Patent No. 483,434, dated September 27, 1892.

Application filed May 12, 1892. Serial No. 432,780. (No model.)

To all whom it may concern:

Be it known that I, NICHOLAS G. DUFFY, a citizen of the United States, residing at Charleston, in the county of Charleston and State of South Carolina, have invented certain new and useful Improvements in Self-Locking Job-Galleys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to self-locking job-galleys for the use of job-printers, and has for its object the provision of a galley of novel construction in which the foot and side sticks are adjustable to measure distances and which may be adjusted and securely locked at any desired position.

My invention consists in the novel constructions, combinations, and arrangements of parts hereinafter described.

In the accompanying drawings, Figure 1 is a perspective view of the self-locking job-galley embodying my improvements. Fig. 2 is a vertical transverse sectional view taken at the intersection of the foot-stick with the stationary side of the galley, and Fig. 3 is a detail in section.

The galley may be made of any desired size and consists of the base-plate or bed A, the stationary side and head ledges B and C, and the adjustable side and foot ledges or sticks D and E. The stationary side ledge B and the stationary head-ledge C are pierced with vertical holes *b* and *c*, respectively located at intervals corresponding to the measurement of a double-pica em. These holes are intended to receive pins *d* and *e* on the adjustable side and foot ledges or sticks D and E and to permit of said adjustable sticks or ledges being adjusted to and fixed at any desired point, corresponding to the dimensions of the job which the galley is intended to receive. The adjustable side-stick D consists of a flat bar of metal having a longitudinal slot or kerf extending from its rear end to near its forward end and dividing the stick into the upper and lower limbs *e'* and *f*, which are also pierced or perforated, as shown, to coincide with the piercings or perforations in the stationary side ledge B. The foot-stick E consists of a flat bar of metal, tenoned on its upper and

lower sides and formed with holes or piercings *g*, which coincide with the holes *c* in the stationary head-ledge C. The tenoned portion of the foot-stick E, when the parts of the galley are fitted together, intersects the side-stick D and passes between its limbs *e'* and *f*, in which position it is secured by the pin-key *h*, inserted in the corresponding holes in the two adjustable sticks. The adjustable sticks D and E are formed each with a flat toe, which projects beyond the end of the stick and rests upon the upper edge of the stationary ledge against which the end of the adjustable stick abuts, and from this toe depends the pin *d* or *e*, which secures the adjustable stick to the stationary ledge.

When the parts described are fitted together, they form a galley having two adjustable and two stationary sides and capable of having its interior dimensions or capacity adjusted to any required dimensions corresponding to the adjusting holes and pins. Each alternate hole in the marginal sticks or ledges will be numbered to correspond to the measure desired, and the galleys will be made to all sizes required in a printing-office.

The galley will closely embrace any job made up in keeping with the double-pica-em measurement to which the adjusting-holes are bored. If any differences occur, they can be made up by filling in space with slugs or leads.

The necessary adjustment of the size of the galley required for different jobs is effected by removing the pin-key at the intersection of the adjustable sticks and lifting the sticks from their seats, after which they are moved inward or outward the required distance and the securing or adjusting pins placed in new holes.

By the use of the galley above described the annoyance of setting jobs with curved or irregular lines in chase on stone is obviated. A job may be proved on this galley without the delay or trouble of getting quoins or side-sticks or risking the bad results of swelling or pressing sides out of proportion. In setting posters or large jobs with larger type than stick will take, this galley will meet the requirements of both stick and galley. Any measure smaller than the size of the galley may be made and the type justified as in a stick. When ordinary straight matter is used,

if the compositor wishes the adjustable side and foot sticks may be laid aside until desired. The holes in the ledges and adjustable sticks are arranged according to the "point system."

5 Having described my invention, what I claim, and desire to secure by Letters Patent, is—

10 1. A self-locking job-galley consisting of the base-plate A, the stationary side ledge B, the stationary head-ledge C, the slotted adjustable side-stick D, the tenoned adjustable foot-stick E, and means, substantially as described, for adjusting and locking up the galley, as set forth.

15 2. In a printer's galley, the combination,

with the base-plate A and the stationary ledges B and C, having the vertical holes *b* and *c* arranged at intervals corresponding to a standard measurement of type, of the adjustable sticks D and E, adapted to intersect 20 each other and provided with holes for the reception of a pin-key and with toe-pieces carrying pins adapted to enter the holes in the stationary ledges, substantially as described.

In testimony whereof I affix my signature in 25 presence of two witnesses.

NICHOLAS G. DUFFY.

Witnesses:

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