(No Model.)

N. G. DUFFY.

PRINTER'S GALLEY.

No. 483,481. Patented Sept. 27, 1892.

Fig. 1.

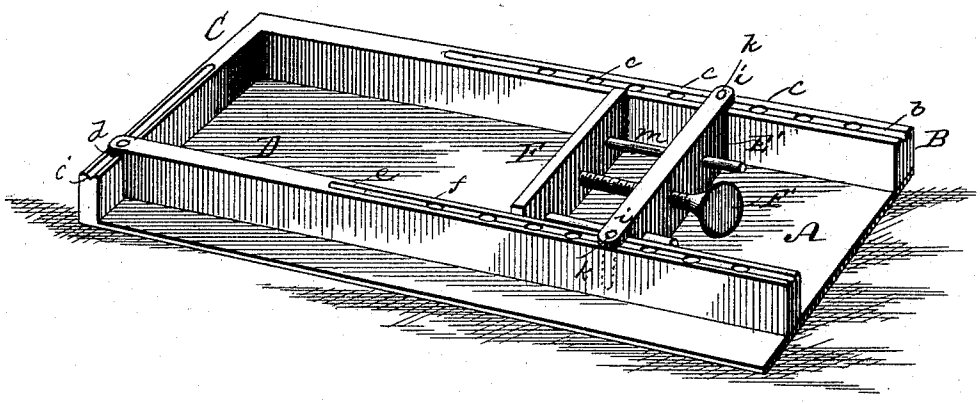
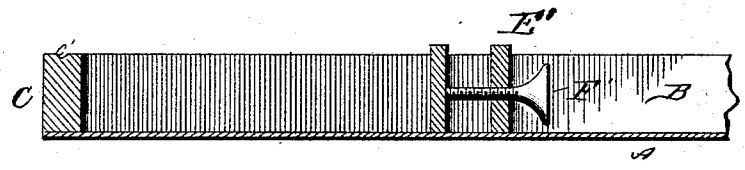


Fig. 2.



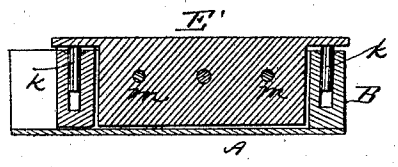


Fig. 3.

Witnesses
A. L. Harman
W. E. McLeod

Inventor,
Nicholas G. Duffy
By Attorney Connolly & Bon

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

NICHOLAS G. DUFFY, OF CHARLESTON, SOUTH CAROLINA.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 483,481, dated September 27, 1892.

Application filed May 12, 1892. Serial No. 432,779. (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 Printers' 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 printers' galleys, and especially to galleys for book and newspaper work, in which the matter is set up in columns.

The galley embodying my invention is intended for the use of printers in emptying matter on and off, locking up same, correcting on, proving, and for the use of mail-lists.

The object of my improvements is to provide a galley which may be readily and conveniently adjusted to column matter and the latter speedily and securely locked without the necessity of using quoins or side-sticks.

My invention has for its further object the provision of a novel form of galley, in which columns of varied lengths may be securely locked in position without the employment of the usual expedients, and which will permit of the matter in the galley being corrected with ease and dispatch, and which will facilitate the speedy emptying of matter in form in making up.

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

In the accompanying drawings, Figure 1 is a perspective view of a galley embodying my improvements. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is a vertical transverse sectional view on the line $x\,x$ of Fig. 2.

The galley embodying my invention consists of and comprises the bed-plate A, the side ledge B, grooved on its upper surface, as shown at b, and provided with vertical holes $c\,c$, arranged, preferably, a distance apart corresponding to the size of a double-pica em of the point system, the head-ledge C, also grooved on its upper surface, as shown at c', and provided with a vertical hole d, situated at a distance from the side ledge equal to the width of the columns of type that are to be set in the galley, the removable side ledge D, having groove e and vertical holes f, corresponding to the vertical holes $c\,c$ in the ledge B, and the adjustable foot-piece. The removable side ledge D is provided with a projecting toe g at its forward end, which rests upon the head-ledge C and which carries a depending pin h, which enters the hole d in the head-ledge and secures the removable side ledge thereto. The foot-piece consists of the flat bar E′, having a toe i at each end, which rests on the upper surface of the ledges B and D and which carry pins $k\,k$ to enter the holes in the two ledges and secure the bar E′ in any position to which it is adjusted, such adjustment being effected by lifting the bar and moving it forward or backward until the pins enter the proper holes. The bar E′ is pierced horizontally for the reception of two pins m m, projecting rearwardly from a supplementary bar F, which is carried and supported by the bar E′ and which constitutes a part of the foot-piece. A screw F′ passes through a threaded hole in the middle of the bar E′ and at its forward end impinges upon the rear face of the supplementary bar F, which is adjusted or forced forwardly by turning the screw. The upper edges of the ledges B, C, and D are grooved, as described, to facilitate the entrance of the fastening-pins to their respective holes.

In using this galley the column of matter is set on the bed-plate. The movable side ledge is then fixed in position, the pin on its forward end being inserted in the hole in the stationary head-ledge. The foot-piece E is then inserted between the sides of the galley and as close up to the foot of the column as convenience will permit. The screw F′ is then turned until the supplementary bar F is brought up tight against the foot of the column and the column thus locked firmly in position. The side ledge D, being removable, may be taken out at any time to allow of the correction of matter that has to be overrun. By removing the side ledge D and the foot-piece the galley is opened, thus facilitating the speedy emptying of matter in form in making up.

Having described my invention, I claim—

1. The improved galley consisting of the

bed-plate A, the stationary side ledge B, having holes *c c*, the stationary head-ledge C, having the hole *d*, the removable side ledge D, having vertical holes *f*, corresponding to the vertical holes *c c* in the stationary ledge B, and the adjustable foot-piece consisting of the flat bar E′ and the supplementary adjustable bar F, the side ledge D being provided with a pin *h* to enter the hole *d* and the plate E′ being provided with pins *k k* to enter the holes in the side ledges, substantially as described.

2. A printer's galley having a stationary side ledge B, a stationary head-ledge C, a detachable side ledge D, and an adjustable foot-ledge, said foot-ledge comprising the flat bar E′, supplementary adjustable bar F, and adjusting-screw F′, substantially as described.

3. The combination, with the side ledges B and D, having vertical holes for the reception of pins on a foot-piece, of an adjustable foot-piece consisting of a flat bar E′, having toes *i i* and pins *k k*, a supplementary bar F, and an adjusting-screw F′, substantially as described.

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

NICHOLAS G. DUFFY.

Witnesses:
LOUIS S. DURBEC,
EDW. N. WOOD.