

990,677.

[illegible]

Witnesses
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Fig.2.

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att'y.

UNITED STATES PATENT OFFICE.

ALFRED HENRY STOCKALL, OF BATH, ENGLAND.

PRINTER'S GALLEY.

990,677.

Specification of Letters Patent.

Patented Apr. 25, 1911.

Application filed June 23, 1910. Serial No. 568,456.

To all whom it may concern:

Be it known that I, ALFRED HENRY STOCKALL, a subject of the King of Great Britain, and resident of Bath, in the county of Somerset, in England, have invented certain new and useful Improvements in Printers' Galleys, of which the following is a specification.

The invention relates to improvements in printers' galleys, as described in the following specification and illustrated in the accompanying drawings that form part of the same.

The invention consists essentially in the novel construction and arrangement of parts whereby the type is clamped securely by quoins slidably secured at the side of the galley by rigid pins extending into angularly arranged slots in said quoins.

The objects of the invention are, to facilitate the work of clamping the type in the galleys, to obviate the difficulties incident to the use of loose and separable quoins, to insure the quoins being always ready for use, and to devise a simple, strong and inexpensive form of galley with which the type can be handled with ease and celerity.

In the drawings, Figure 1 is a perspective view of the improved galley showing one quoin tightened up and the other ready to be tightened. Fig. 2 is an enlarged perspective detail of a portion of the galley and one of the quoins shown partly broken away. Fig. 3 is an enlarged cross sectional detail through one side of the galley and one of the quoins.

Like numerals of reference indicate corresponding parts in each figure.

Referring to the drawings, 1 is the base of the galley preferably formed of a thin metal plate.

2 are L-shaped flanges extending along the sides and across one end of the base 1 and rigidly secured thereto by suitable rivets 3, said flanges having their horizontal webs arranged to the outside.

4 are longitudinal slots cut in the vertical webs 5 of the flanges 2 at the base thereof and arranged at various points in the length thereof.

6 are notches in the webs 5 extending upwardly from the slots 4 and arranged a short distance from the ends of said slots.

7 are the quoins preferably formed of cast or forged metal and each having the flat base portions 8 formed with the upwardly

projecting lugs 9 at each end thereof and an angularly arranged slot 10 therethrough. The lugs 9 are slightly smaller than the notches 6 and are arranged the same distance apart so that they will pass freely through the said notches and the bases of the quoins move freely in the slots 4.

10^a are vertical flanges formed at the inner sides of the quoins 7 extending upwardly from the bases sliding on the plate 1 and having their top edges level with the top edges of the vertical webs of the flanges 2.

11 are lugs securely riveted to the outer side of the webs 5 mid-way between the notches 6 and having the rigid pins 12 extending downwardly through the slots 10 in the quoins and into the holes 13 in the horizontal webs of the flanges 5. The pins 12 are thus very rigidly secured. The quoins are inserted through the slots 4, prior to the placing of the lugs 11, the lugs 9 on said quoins passing through the notches 6 and when said lugs 11 are secured in place the quoins are securely held and cannot be displaced or removed.

In the use of this device, the type is set up in the galley and when completed a bar 14 is placed in position as shown. The quoins are then driven up tight. The quoins slide freely on the pins 12 and the angularly arranged slots guide them inwardly wedging up tightly against the bar 14.

The quoins when wedged into position hold quite firmly as the angle of the slots 10 is very flat.

The construction of galley herein shown and described is very compact and is considerably narrower and lighter than the ordinary form.

The construction of the quoins and the flanges of the galley may be varied considerably, so long as the quoins are slidably secured at the side of the galley.

What I claim as my invention is:—

1. In a printer's galley, a base plate, side flanges extending upwardly from said plate and having longitudinal slots therethrough adjacent to said base, pins rigidly secured to said flanges mid-way of the length of each of said slots and extending downwardly, and quoins extending through and sliding freely in said slots and each having an angularly arranged slot into which said pins extend.

2. In a printer's galley, a base plate, side flanges extending upwardly from said plate

and having longitudinal slots therethrough
adjacent to said base and a pair of notches
extending upwardly from said slots, pins
rigidly secured to said flanges mid-way of
the length of each of said slots and extend-
5 ing downwardly, and quoins each having
an angularly arranged slot therein into
which said pins extend and upwardly ex-

tending lugs at the ends and a vertical flange
at the inner side.

Signed at Bristol, England, this 25th day
of May A. D. 1910.

ALFRED HENRY STOCKALL.

Witnesses:

E. J. FUSSELL,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
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