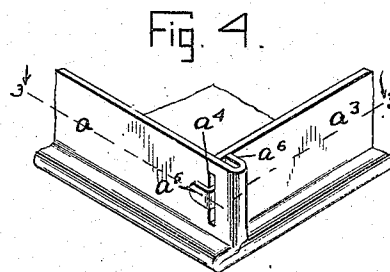
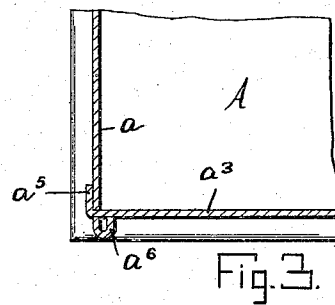
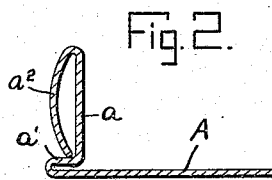
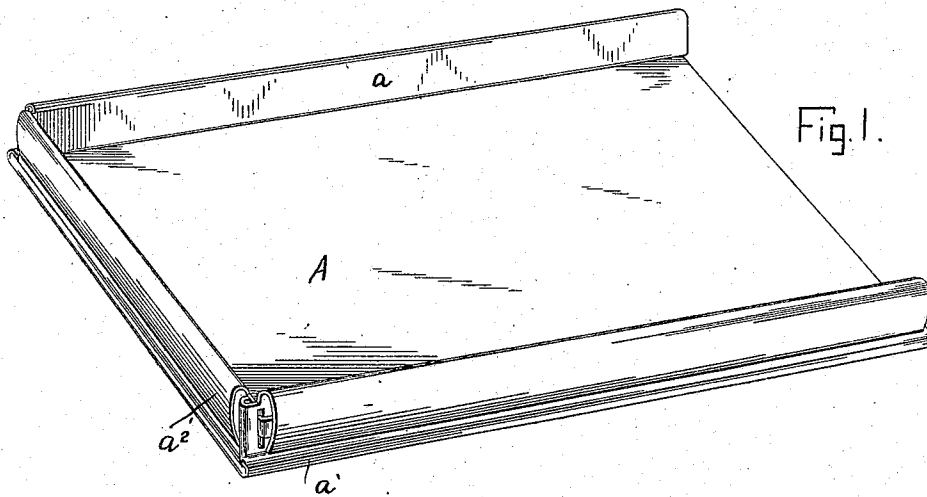


A. S. ORCHARD.
 PRINTER'S GALLEY.
 APPLICATION FILED FEB. 29, 1908.

939,620.

Patented Nov. 9, 1909.



Witnesses

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PRINTER'S GALLEY.

939,620.

Specification of Letters Patent.

Patented Nov. 9, 1909.

Application filed February 29, 1908. Serial No. 418,427.

To all whom it may concern:

Be it known that I, ALFRED S. ORCHARD, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Printers' Galleys, of which the following is a specification.

My said invention consists in certain improvements in the details of construction of printers' galleys, whereby a stiff, durable and perfectly formed device, with true angles, is provided at comparatively small expense, all as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts, Figure 1 is a perspective view of a galley embodying my invention, Fig. 2 a detail cross section through one side of the galley, Fig. 3 a detail horizontal section through one of the corners of said device, as seen when looking in the direction indicated by the arrows from the dotted line 3—3 in Fig. 4, and Fig. 4 is a detail perspective view of one of the corners showing a modified construction.

Said galley is formed of a sheet of metal stamped of the proper shape and bent to the form shown in Fig. 1, having a bottom A, sides a , and an end a^3 , said sides and end being turned at right-angles to said bottom and at the angle bent in to overhang the edges of the main plate and form a loop a' along each edge of the galley. Said sides a are also doubled, or bent over, at a point the desired height for such sides, the outside portion a^2 of each extending in the arc of a circle from the upper edge of the side a proper to the corner or angle between said side and the horizontal portion a' of the loop. By this means a square corner may be formed between the parts A and a without difficulty or trouble in fitting, while the sides may be made of light material and still be of sufficient stiffness by reason of the portion a^2 which serves not only as a brace but also affords to the sides of the galley a form convenient for handling and free from rough or sharp edges.

In the form shown in Fig. 4 the device is intended to be of heavier material and the

sides of a single thickness, instead of doubled, but otherwise the two constructions are identical.

The end piece a^3 is formed in a similar manner and the corners between the sides a and the end a^3 are locked by means of a slot a^4 formed in the one piece and a tongue a^5 , formed on the end of the other, which passes through said slot and is bent at right-angles against the outer face of the part with the slot. The end of the part having the slot extends beyond said slot a distance and is double-backed parallel with its side so that its end a^6 will rest against the outer surface and support the side of the galley at right-angles therewith rigidly in position. By this means a very stiff and secure corner is formed between the parts and one which adds but little to the cost of construction, requiring practically no labor for fitting, and obviating the necessity of using solder or other like securing devices. The sharp and rough corners, which are often objectionable in handling galleys of ordinary construction when not properly finished, are avoided. By forming the loop or crimp at the angle between the bottom, sides and end, a true right-angle is readily secured, with no extra trouble or cost of fitting.

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

1. A printer's galley comprising a single sheet of metal cut and bent to form a bottom, two sides and an end, the end and sides being at right angles with the bottom and at right angles with each other and also looped over the outer edges of said bottom to form the loop a' along the edges of said bottom, the outer portions of said sides and end being extended and bent back and down to rest in the corners between said loop a' and the sides and end, and the corners between the end and sides being secured by extending a lip on one through a perforation in the other and clenching, and extending the end of one part and doubling it back to serve as a support for the end of the other part, substantially as set forth.

2. A printer's galley comprising a single sheet of metal cut and bent to form the galley with sides and end at right angles with the bottom, the corners being secured by

extending a lip on one through a perforation in the other part and clenching, and extending the end of one part and doubling it back to afford a support for the other
5 part, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Philadelphia, Penn-

sylvania this 26th day of February, A. D. nineteen hundred and eight.

ALFRED S. ORCHARD. [L. S.]

Witnesses:

JOHN T. BORDEN,
W. H. MEACHAM.