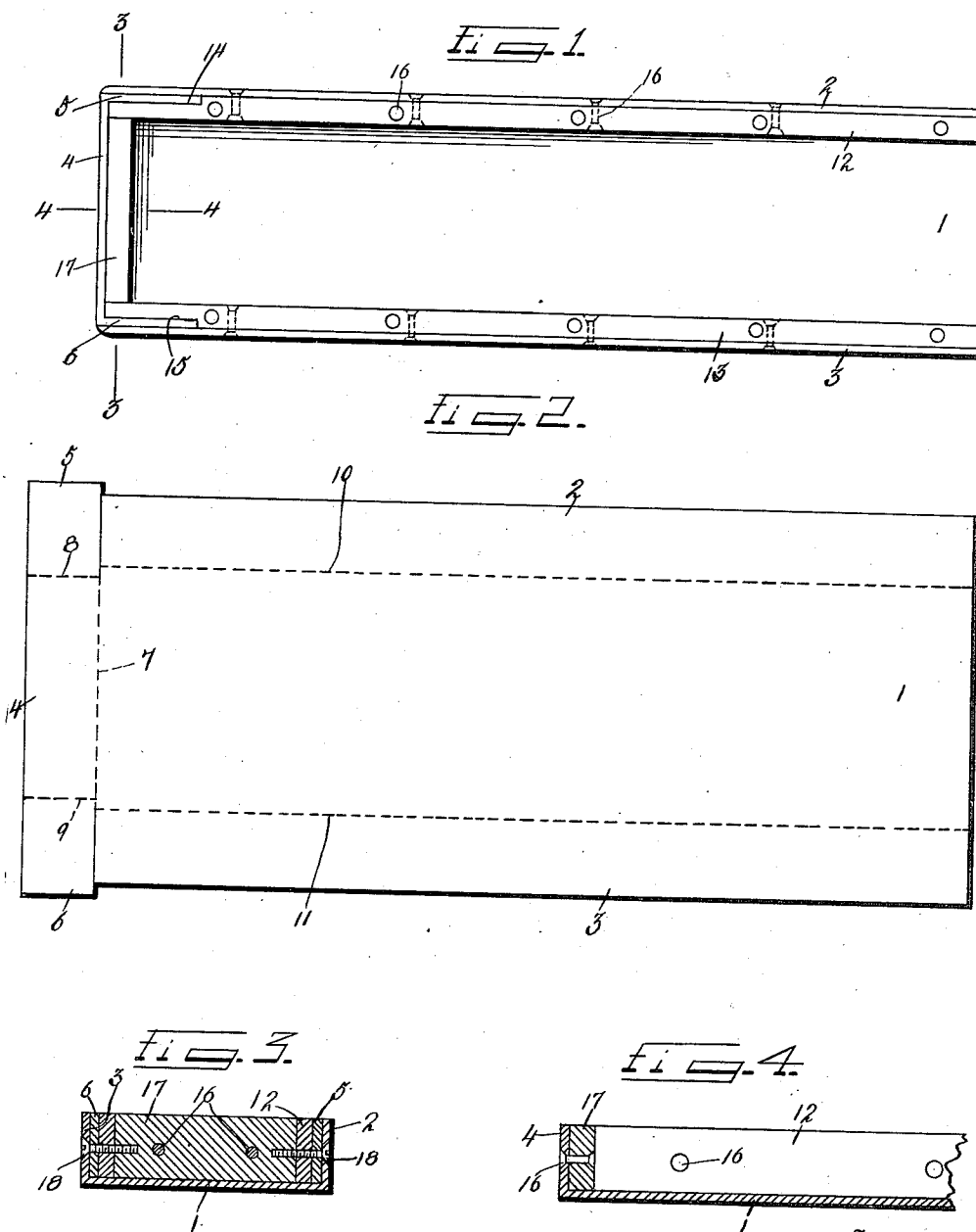


W. A. BURNETTE.
INDESTRUCTIBLE GALLEY.
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1,009,045.

Patented Nov. 21, 1911.



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UNITED STATES PATENT OFFICE.

WILLIAM A. BURNETTE, OF GLEN RIDGE, NEW JERSEY.

INDESTRUCTIBLE GALLEY.

1,009,045.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM A. BURNETTE, a citizen of the United States, residing at Glen Ridge, in the county of Essex, State of New Jersey, have invented certain new and useful Improvements in Indestructible 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.

My invention relates to printers' galleys and more particularly to that class of galleys which are formed of one piece of metal by folding the edges to form the end and side walls thereof, and the object of my invention is to provide strips for reinforcing said end and sides.

A further object is to construct a reinforced galley in which the corner joints will present smooth faces both within and without.

Heretofore galleys of light sheet metal have been of little practical use because of the breaking away of the corners under the rough usage to which they are subjected, and another object of my invention is to construct galleys of light sheet metal in which all parts will be strong and rigid.

With these and other objects in view, the invention consists in certain novel features of construction, as hereinafter shown and described, and then specifically pointed out in the claims and in the drawings illustrative of the preferred embodiment of my invention.

In the accompanying drawings which are attached to and form a part of this application, Figure 1 is a plan of the galley. Fig. 2 is a plan of the blank from which the galley is formed. Fig. 3 is a transverse section through the line 3—3 of Fig. 1. Fig. 4 is a longitudinal section through the line 4—4 of Fig. 1.

Referring more specifically to the views in which like reference numerals designate corresponding parts throughout it will be seen that the galley forming blank, best shown in Fig. 2, consists of the rectangular body portion 1, side members 2 and 3 and an end member 4, said latter member hav-

ing its ends extended to form the wings 5 and 6, all struck out in one piece from a sheet of metal of the required kind and thickness.

In constructing the galley the end member 4 is turned up along the fold line 7 and the wings 5 and 6 turned in along the fold lines 8 and 9 respectively until their lower edges rest upon the base 1. The side members 2 and 3 are then turned up along the fold lines 10 and 11 respectively when they bear against the wings 5 and 6 and their outer ends are flush with the outer face of the end 4.

Two side brace strips 12 and 13 of any desired material but preferably of the same kind of metal as the galley, and with their ends mortised as at 14 and 15 respectively to receive the wings 5 and 6 are then secured to the base 1 and sides 2 and 3, by rivets or any preferred means 16. A third strip 17 is then secured to the end 14 in like manner with its ends resting against the end portions of the side strips, and the whole is further secured by screws 18 passing through the sides, wings, side strips and into the ends of the end strip. If so desired additional screws not shown may be passed through the end member and extended into the ends of the side strips. The overlapped portions may be also brazed or soldered if desired, and the corners may be rounded off without in any way weakening the construction.

It will be seen from the above that a galley may be formed of relatively thin sheet metal and so reinforced as to make it rigid and strong and at the same time relatively light in weight and inexpensive in construction. And it will be further seen that the corners in a galley so constructed will be smooth both inside and out.

What I claim is:

1. A galley comprising, a bottom, side walls, and an end wall, said end wall being formed with wings adapted to extend along the inner faces of the side walls, a reinforcing strip secured to the bottom and end wall, additional reinforcing strips secured to the bottom and side walls, said strips being mortised to receive the wings

of the end wall, and screws passing through the side walls, wings and side strips, and into the end strips.

2. A galley comprising, a bottom, side
5 and end walls, formed from one piece of sheet metal, wings carried by said end wall and adapted to rest against said side walls, reinforcing strips for said side walls, said strips being mortised to engage said wings,
10 a reinforcing strip for the end wall and

means for securing said strips to the bottom and walls, said means including means for securing the side strips to the end strip.

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

WILLIAM A. BURNETTE.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
