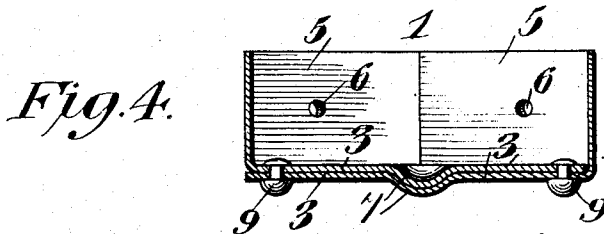
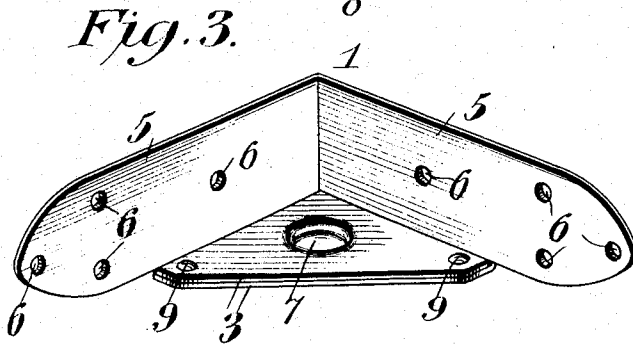
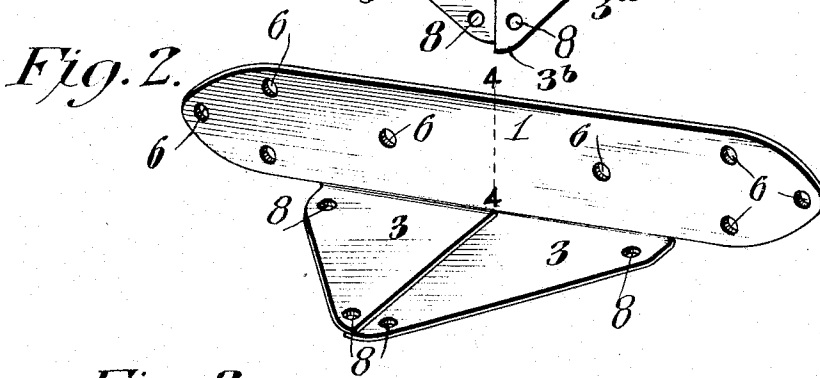
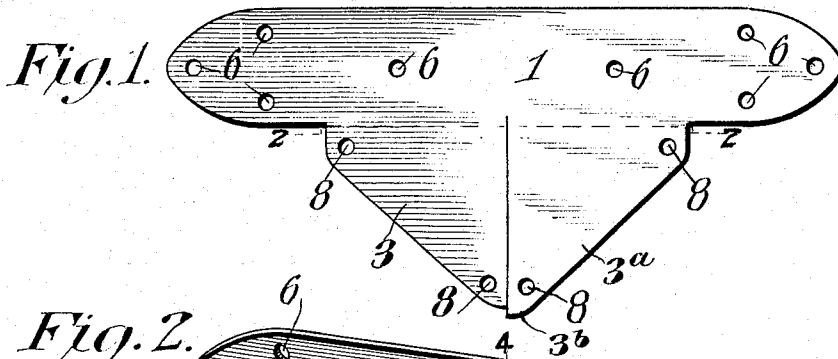


F. W. GOEDEKE.
 CORNER IRON FOR BASKETS, BOXES, &c.
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939,005.

Patented Nov. 2, 1909.



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FREDERICK W. GOEDEKE, OF EVANSVILLE, INDIANA.

CORNER-IRON FOR BASKETS, BOXES, &c.

939,005.

Specification of Letters Patent.

Patented Nov. 2, 1909.

Application filed January 19, 1909. Serial No. 473,037.

To all whom it may concern:

Be it known that I, FREDERICK W. GOEDEKE, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented a new and useful Corner-Iron for Baskets, Boxes, &c., of which the following is a specification.

The invention relates to improvements in corner irons for bread and laundry baskets, boxes, etc.

The object of the present invention is to improve the construction of corner irons for bread and laundry baskets, boxes, etc., and to provide a simple, inexpensive and efficient corner iron of great strength and durability, adapted to be readily stamped from a single piece of sheet metal and folded to form angularly related sides and a double reinforced bottom.

With these and other objects in view, the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawing and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—Figure 1 is a plan view of the sheet metal blank before the same is folded. Fig. 2 is a perspective view, showing the blank after it has received the first or longitudinal bend. Fig. 3 is a perspective view of a completed corner iron, constructed in accordance with this invention. Fig. 4 is a vertical sectional view of the same.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

1 designates a blank stamped from a single piece of sheet metal, and consisting of a substantially oblong body portion and approximately triangular extensions 3 and 3^a of unequal length, located centrally of one side of the body portion, as clearly illustrated in Fig. 1 of the drawing. The long triangular extension 3^a projects beyond the other triangular extension 3, as clearly illustrated at 3^b in Fig. 1 of the drawing before the blank is folded, but the extensions are brought into flush relation by the folding, as hereinafter explained. The blank is

adapted to be bent longitudinally on the line 2—2 to arrange the oblong body portion in a vertical position and the extensions 3 and 3^a in a horizontal plane to form bottom plies or webs. The longer extension is depressed or bent downward below the plane of the shorter extension to permit of the bending of the body portion to arrange it in angular shape. The depression or bending of the longer extension shortens the same so that the ends of the extensions are flush in the completed article. The body portion is then bent transversely along the line 4—4 to form side walls or wings 5 and to overlap and arrange the bottom portions or plies one above the other. The wings 5 are arranged at right angles to each other to fit the corner of a bread or laundry basket, box, or the like, and the two plies or webs constitute a reinforced bottom, and the upper one is adapted to fit against the bottom of the basket or box, or other receptacle, to which the corner iron is applied.

The angularly related sides or wings are extended beyond the bottom plies or portions 3 and 3^a and are preferably tapered, as shown, to form substantially semi-elliptical terminal portions. The blank is pierced at suitable points to provide perforations 6 for the reception of suitable fastening devices for securing the corner iron to a basket or box.

The plies or portions 3 and 3^a of the bottom of the corner iron are provided with centrally arranged, depressed bosses 7 of substantially concavo-convex form, adapted to interfit and, thereby, interlock the bottom portions or plies together, as illustrated in Fig. 4 of the drawing. The interfitting depressed bosses are adapted to present a smooth, rounded, lower face to the supporting surface, and elevate the horizontal bottom of the corner iron above the supporting surface, and, thereby, enable a basket or box to be moved or drawn over rough surfaces without catching thereon. The triangular bottom webs or portions are provided with perforations 8, which are adapted to register after the parts are folded and the registering perforations receive rivets 9, or other suitable fastening devices, which secure the plies or portions of the bottom together, and, thereby, retain the sheet metal in its folded condition. The rivets 9 are also provided, at their lower ends, with enlarged, rounded heads adapted to rest upon the supporting

surface at opposite sides of the depressed bosses 7 to assist in supporting the corner iron.

The blank is cut by stamping, or otherwise, in the form illustrated in Fig. 1 of the drawing, and it is split to separate the bottom portions, and is also punched before the sheet metal is given its first fold. Prior to imparting to the sheet metal its second or transverse bend or fold, the bottom portions or plies 3 and 3^a are bent slightly to arrange them in different vertical planes, so that they will clear and slide over each other in making the final bend or fold along the line 4—4. The depressions or bosses 7 are formed in the double or reinforced bottom of the corner iron after the same is folded to form the angularly related sides and to arrange the said bottom portions or plies in their overlapped relations.

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

1. A corner iron for baskets, boxes, etc., stamped from a single piece of sheet metal and consisting of a substantially oblong body portion, and approximately triangular extensions projecting at right angles from one side of the body portion between the ends thereof, said body portion being extended beyond the triangular extensions and having perforations for the attachment of the corner iron, and folded longitudinally along the inner margins of the triangular extensions to arrange the latter horizontally and the body portion vertically, and also folded centrally at right angles to the longitudinal fold to form two sides or wings and to over-

lap the triangular extensions forming a reinforced bottom of two plies or thicknesses, the said triangular extensions being provided with depressed interfitting bosses and having registering perforations, and fastening devices arranged in the said perforations and securing the plies or thicknesses of the bottom together.

2. A corner iron for baskets, boxes, etc., stamped from a single piece of sheet metal and consisting of a substantially oblong body portion, and approximately triangular extensions of unequal length projecting centrally from one side of the body portion, said body portion being extended beyond the triangular extensions to provide attaching portions, and folded longitudinally along the inner margins of the triangular extensions to arrange the latter horizontally and the body portion vertically, and also folded centrally at right angles to the longitudinal fold to form two sides or wings and to overlap the triangular extensions forming there- with a reinforced bottom of two plies or thicknesses, the longer triangular extension being depressed and arranged beneath the shorter extension, and the said extensions being provided with registering perforations, and fastening devices passing through the said perforations and securing the plies or thickness of the bottom together.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FREDERICK W. GOEDEKE.

Witnesses:

MARGARET HOCH,
MARY BRUCKEN.