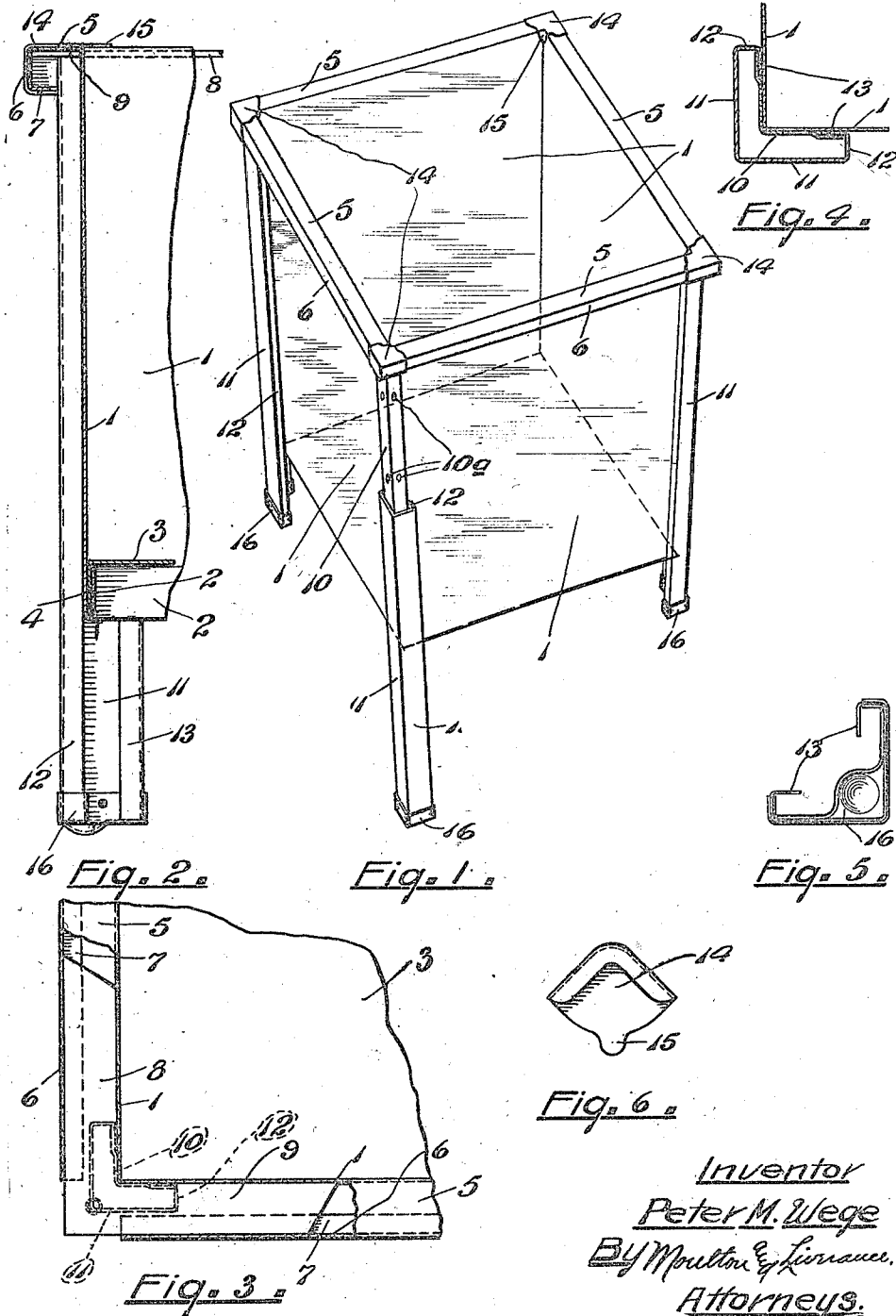


P. M. WEGE.
WASTE BASKET.
APPLICATION FILED NOV. 9, 1915.

1,234,516.

Patented July 24, 1917.



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UNITED STATES PATENT OFFICE.

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WASTE-BASKET.

1,234,516.

Specification of Letters Patent.

Patented July 24, 1917.

Application filed November 9, 1915. Serial No. 60,510.

To all whom it may concern:

Be it known that I, PETER M. WEGE, a citizen of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Waste-Baskets; 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 relates to a waste basket made of sheet metal. It is the object and purpose of my invention to make a structure of this character which shall be very strong and durable and can be produced at an extremely low cost. A further object of the invention resides in various novel and useful constructions and arrangements of parts for producing the device, understanding of which may be had from the embodiment shown in the accompanying drawings, in which;

Figure 1 is a perspective view of a waste basket made in accordance with my invention showing one leg thereof in the process of attachment to the receptacle portion of the basket.

Fig. 2 is a vertical section taken through one side of the basket and looking toward one of the corner posts, a fragment only of the basket being shown.

Fig. 3 is a plan view of one corner of the waste basket, parts being broken away to disclose the angle iron reinforce at the corner.

Fig. 4 is a horizontal section taken through a corner post and adjacent parts of the receptacle.

Fig. 5 is a view of the foot which is applied to the lower end of each post; and

Fig. 6 is a view of the corner attachment which is applied at each corner of the basket to give a more finished appearance thereto.

Like reference characters refer to like parts throughout the several views of the drawing.

The receptacle portion of the waste basket is formed of four sides 1, making substantially right angular corners with each other. Each of the sides at its lower edge is turned back upon itself as shown at 2, and a bottom 3 having turned down lips 4 is connected adjacent the lower edges of the

sides 1, said lips 4 passing between the return portion 2 and the side 1 as shown in Fig. 2. Each side at its upper edge is also turned outwardly in a horizontal direction making a horizontal ledge 5, the metal being then turned downwardly to form a short vertical section 6 and then turned again inwardly for a short distance as indicated at 7 to form a head in this manner making a smooth finish at the upper edges of the sides of the receptacle.

The sides are brought together so that their vertical edges contact with each other, an angle brace having legs 8 and 9 in the meantime being inserted between the upper and lower parts 5 and 7 of the head at each end of a side 1 as shown in Fig. 3. To secure the adjacent edges of sides 1 together a strip 10 having legs bent at right angles to each other is brought against the sides 1 and is spot welded or otherwise suitably secured thereto to permanently fasten the sides together at their corners and making a rigid receptacle which may be used to receive waste paper and the like.

At each corner of the receptacle thus formed a leg is secured. Each leg is made of sheet metal having two sides 11 located at right angles to each other, the free ends of each leg being turned inwardly at right angles as shown at 12 for a short distance and then turned again at right angles to form strips 13 which lie substantially parallel to the sides 11. The parts 13 are entered under the edges of the legs of the angle connection 10 and making a very firm and rigid connection of the leg to the receptacle. The leg is forced on to the receptacle until its upper end bears against the angle brace heretofore described, and said angle brace in this manner is pushed upwardly against the upper side of the ledges 5 and firmly retained against movement. To complete the receptacle finishing corner tips 14 are applied and attached by bending down the lip 15 as shown in Fig. 1. Each supporting leg at its lower end is also provided with a tip 16 of any suitable construction to protect the floor or other surface on which the basket rests.

This waste basket may be made of sheet metal, all parts being stamped and formed by simple operations. The assembly of the parts is very easily accomplished and the product produced is very strong and durable.

ble and obtained at a very low cost of manufacture. Furthermore it may be finished to correspond with the other furniture in a room or office. The construction outlined
 5 of course may be used with other devices than waste baskets and I do not desire to be limited in any manner otherwise than is required by the terms of the claims which define the invention.

10 I claim:—

1. In combination a receptacle having sheet metal sides, a bottom for the receptacle interposed between and connecting the sides adjacent their lower edges, an outwardly
 15 turned bead formed at the upper edge of each side, a leg of sheet metal at each corner of the receptacle, each leg comprising two sides lying at an angle to each other, at the edges of which sections are bent inwardly
 20 and then back substantially parallel to the sides, and means on said sides of the receptacle adjacent the corners of the receptacle between which and said sides of the receptacle said latter sections of the legs are re-
 25 ceived and frictionally retained with the upper ends of the legs stopped by said beads, substantially as described.

2. In combination, a receptacle having sheet metal sides, an angle member at each
 30 corner of the receptacle having legs contacting with and permanently secured adjacent the corner of said angle member to the adjacent sides of the receptacle, an outwardly turned bead at the upper edge of each side,
 35 a bottom for the receptacle and open-ended sheet metal supporting legs having parts received under the legs of the angle members at each corner of the receptacle, said
 40 supporting legs being forced into position from the lower ends of and over the angle members and frictionally retained thereon, substantially as described.

3. In combination, a receptacle having sheet metal sides, means for securing the
 45 sides together at the corners of the receptacle, an outwardly turned open-ended bead at the upper edge of each side, an angle reinforce having legs extending into the ends of
 50 adjacent beads at each corner of the receptacle, and a leg secured at each corner of the receptacle with the upper ends thereof engaging against said reinforces, substantially as described.

4. In combination, a receptacle having
 55 sheet metal sides, an angle member having legs contacting with and secured to adjacent sides of the receptacle at each corner thereof, an outwardly turned open-ended bead at the upper edge of each side, an angle rein-
 60 force having legs extending into the ends of

adjacent beads at each corner of the receptacle, a bottom detachably secured between and adjacent the lower ends of the sides, legs formed of sheet metal having sections
 65 received between the legs of the corner angle connecting members and the sides of the receptacle, the upper ends of the legs engaging against the corner angle reinforces, and a finishing member secured at each upper corner
 70 of the receptacle.

5. In combination, a receptacle having sheet metal sides, an angle member having legs contacting with and secured to adjacent
 75 sides of the receptacle at each corner thereof, a ledge turned outwardly from the upper edge of each side, then downwardly for a short distance and then inwardly toward the
 80 said side to form an open-ended bead, an angle reinforce having legs extending into the ends of adjacent beads at each corner of the receptacle, a section turned inwardly
 85 and back upon itself at the lower end of each side, a bottom having lips turned downwardly from each edge, said lips seating between the return sections and the sides, and
 90 legs of sheet metal located at each corner of the receptacle, having two sides lying at right angles to each other at the edges of which sections are bent inwardly and then
 95 back substantially parallel to the sides, said latter sections being received under the legs of the corner angle connecting member between said legs and the sides of the receptacle and the upper ends of the legs engaging
 100 against the angle braces, substantially as described.

6. In combination, a receptacle having sheet metal sides, members at each side
 105 edge of each side of the receptacle paralleling and lying closely adjacent said sides and having an edge thereof free, an outwardly turned bead at the upper edge of said side, and a leg of sheet metal located at each corner
 110 of the receptacle having two sides lying at an angle to each other at the edges of which sections are turned back substantially parallel to the sides of the leg, said sections being located between the adjacent sides of the receptacle and said members adjacent
 115 the corners of the receptacle and covering said members, and said legs extending from said beads at the upper edges of the receptacle to points below the bottom of the receptacle.

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

PETER M. WEGE.

Witnesses:

C. S. HESTER,
 L. F. ECKARDT.