

No. 676,022.

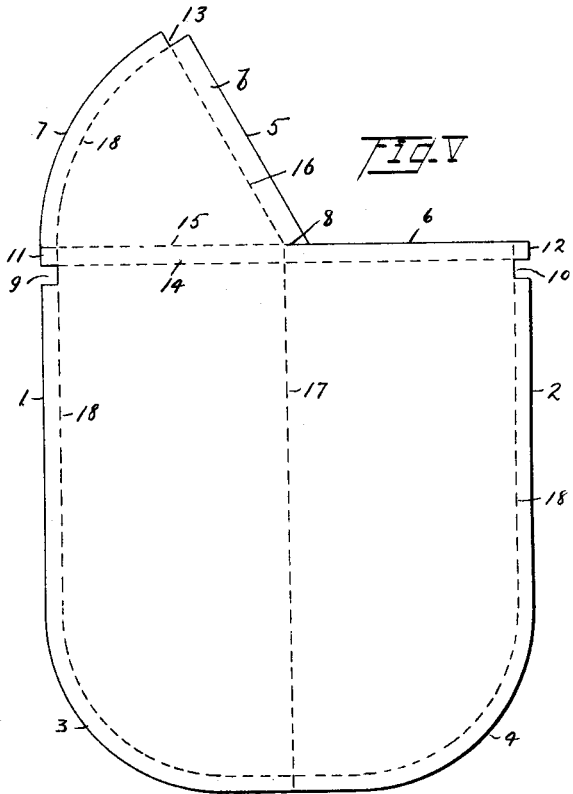
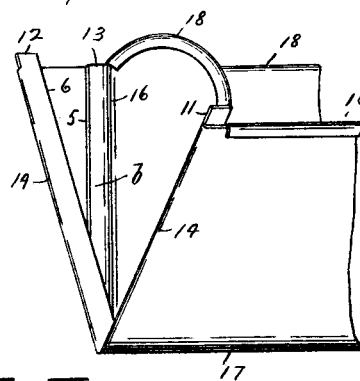
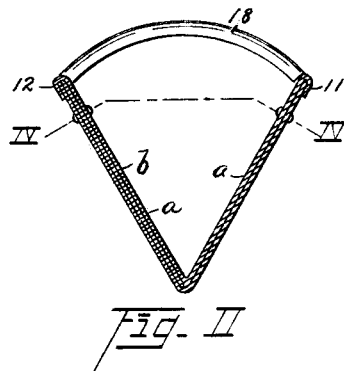
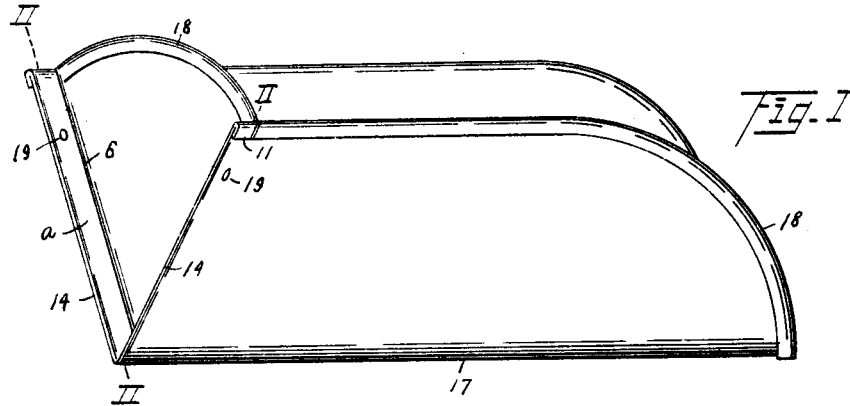
Patented June 11, 1901.

W. G. AVERY.

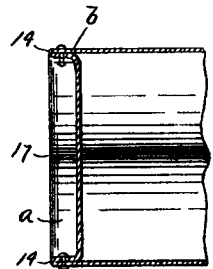
HOD.

(Application filed Oct. 15, 1900.)

(No Model.)



Witnesses:
Geo. A. Metzger.
George C. Wing,



Inventor.
William G. Avery.
by Louis F. Griswold,
his Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM G. AVERY, OF PAINESVILLE, OHIO.

HOD.

SPECIFICATION forming part of Letters Patent No. 676,022, dated June 11, 1901.

Application filed October 15, 1900. Serial No. 33,131. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. AVERY, a citizen of the United States, residing at Painesville, in the county of Lake, State of Ohio, have invented certain new and useful Improvements in Hods, of which the following is a full, clear, and exact specification, such as will enable those skilled in the art to make and use the same.

My invention relates to hods used for brick, mortar, &c.

The object of the invention is to provide a sheet-metal hod made from a single piece of metal so constructed that it is comparatively cheap, strong, and durable.

The invention consists of the details of construction herein described, and pointed out definitely in the claim, reference being made to the accompanying drawings, forming a part of this specification.

Figure I is a perspective view of the improved hod. Fig. II is a vertical section on line II II of Fig. I. Fig. III is a perspective view of one end of the hod at one stage of the formation. Fig. IV is a horizontal section on line IV IV of Fig. II. Fig. V is the blank from which the hod is formed.

Similar characters of reference designate similar parts throughout the drawings and specification.

The blank from which the hod is formed has parallel sides 1 and 2, connected at what forms the open end of the hod by the curves 3 and 4. A portion of the opposite end of the blank from which the closed end of the hod is formed is cut away, as shown. In the hod illustrated in the accompanying drawings the ends 5 and 6 of the portion cut out form a sixty-degree angle. The remaining portion, which for convenience of description hereinafter will be called a "flap," has a curved edge 7. In cutting the blank the edge cut 6 is continued past the edge 5 to a point 8. Notches 9 and 10 are cut in the parallel sides 1 and 2 substantially the same depth of the hem to

be formed on the edges of the hod, and the tongues 11 and 12 are cut a trifle narrower than the notches 9 and 10, the purpose of which will hereinafter appear. The right-angled notch 13 is also cut in the blank as shown.

I will now proceed to explain the formation of the hod from the blank just described. The blank is first folded over upon itself along the line 14. It is then bent on the line 15. These two folds form the flange *a*. The flap is next bent outward on the line 16. The sides are then bent upward along the line 17, and the outward-turned portion *b* of the flap enters the fold formed by the bending on line 14. The metal is next bent outwardly and downwardly along the line 18 and the tongues 11 and 12 folded over in the notches 9 and 10, forming a hem on all the exposed edges of the hod. The hod having been formed as described is riveted firmly together by the rivets 19 in the flange *a* or otherwise firmly fastened together.

Having described my invention, what I claim is—

As an improved article of manufacture, a hod formed of a single piece of metal, the end of which that forms the closed end of the hod being cut away on an angle from a line at right angles to the longitudinal center line of the hod, the metal bent upwardly longitudinally to form the sides of the hod and folded over upon itself at right angles to said bend to form a flange at the closed end of the hod, the free edge of the upturned portion bent outward and entering the open part of the flange, said flange being fastened, substantially as described.

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

WILLIAM G. AVERY.

Witnesses:

L. A. STRATTON,
L. F. GRISWOLD.