(No Model.)

L. STEVENS.

APPARATUS FOR MANUFACTURING BASKETS, &c.

No. 382,278. Patented May 1, 1888.

Fig. 1

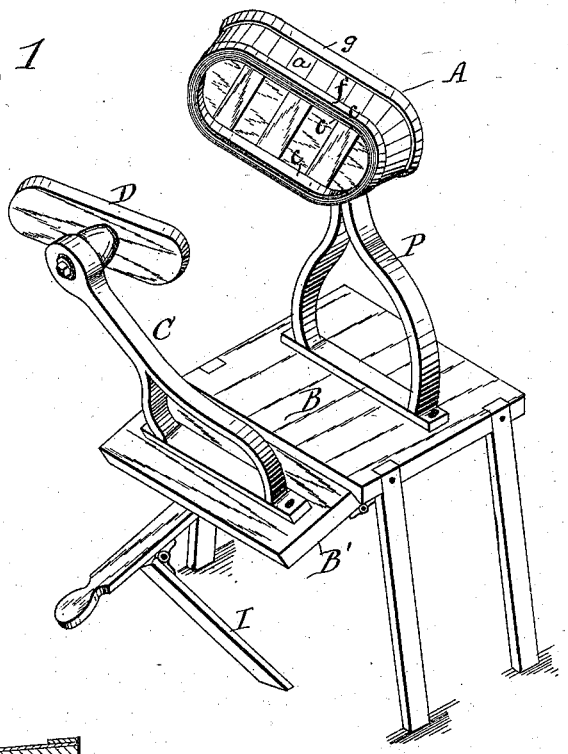
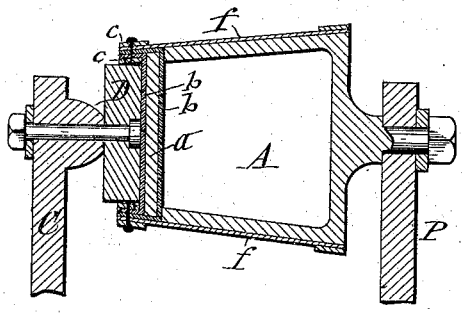


Fig. 2



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UNITED STATES PATENT OFFICE.

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APPARATUS FOR MANUFACTURING BASKETS, &c.

SPECIFICATION forming part of Letters Patent No. 382,278, dated May 1, 1888.

Application filed June 13, 1887. Serial No. 241,123. (No model.)

To all whom it may concern:

Be it known that I, LEWIS STEVENS, of Binghamton, in the county of Broome, in the State of New York, have invented new and useful Improvements in Apparatus for Manufacturing Baskets and Analogous Articles, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the manufacture of baskets, butter-package jackets, oil-can jackets, boxes, and analogous articles composed of splints, veneers, or kindred materials, and having a solid bottom nailed to a chine or downward projection of the base of the body; and the invention consists in an improved means for manufacturing said articles in an expeditious and good workmanlike manner, all as hereinafter fully described, and specifically set forth in the claims.

In the annexed drawings, Figure 1 is a perspective view of an apparatus embodying my invention, and Fig. 2 is an enlarged transverse section of the form and follower employed in the manufacture of the aforesaid articles.

P represents an upright post firmly secured to a bench, B, or other suitable support. To the upper end of this post I pivot axially at right angles a form, A, of the shape of the body of the basket or the article to be constructed. On a leaf, B′, hinged to the bench B, is rigidly secured a post, C, to the upper end of which I pivot, also axially at right angles, the follower D, of about the same size and shape as the interior of the base of the article to be formed, said follower being composed either entirely of metal or of wood faced with a metal band around its edges, for the purpose hereinafter explained.

The hinged support of the post C allows the latter to be swung, so as to carry the follower D toward and from the form A on the stationary post, and the pivots of the said follower and form allow the same to be turned in around the edges. A prop, I, connected with the hinged leaf, affords the proper means of supporting the post C in its upright position to hold the follower in proximity to the form A.

In constructing a basket or other analogous article by the described apparatus the body *f* of the article is formed in any usual and well-known manner on the form A. If to be constructed of splints, a series of splints, *a*, of greater length than the width of the form A, are laid transversely on said form, with one of the ends of each splint projecting beyond the face of the form. The opposite ends of the splints are bound or fastened between hoops *g* and constitute the top of the basket. Other splints encompassing the form A are intertwined with the aforesaid transverse splints to complete the body of the basket. The bottom of the basket is composed of a solid board, *a*, and across one or both sides thereof are laid splints *b b*, or metallic binders or wires, as may be desired, which extend beyond the edges of the board and are bent downward from said edges. This bottom, with its splints or metallic binders, is introduced into the portion of the body *f* which projects from the form A, and then hoops *c c* are applied to the exterior and interior of the remainder of the aforesaid projection of the body. Then the hinged post C is swung toward the stationary post P, to carry the follower D into the projection of the base of the body *f* on the form A, and nails or staples or other suitable clinching-fastenings are driven through the aforesaid projection of the body from the exterior thereof, and in doing this the ends of the said fastenings become upset or clinched against the metal face of the follower, and thus the bottom hoops, *c c*, are firmly fastened to the intervening ends of the splints and binders and the bottom *a* is rigidly secured to the body of the basket. The follower D is then withdrawn from the bottom of the basket and the completed article removed from the form A.

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

1. An apparatus for securing the bottom to splint baskets or analogous articles, comprising a holder adapted to support the body of the article with the base of the latter projecting from the holder, in combination with a follower adapted to enter the said projecting portion of the body and provided with a hard-metal face around its edges, substantially as and for the purpose set forth.

2. An apparatus for manufacturing splint baskets or analogous articles, consisting of a

pivoted form, over which to build the body of the said article, with the base of said body projecting from the form, in combination with a follower adapted to enter the projecting portion of said body and provided with a metal face around its edge, substantially as set forth and shown.

3. The apparatus for manufacturing splint baskets or analogous articles, consisting of the fixed post P, the form A, pivoted on said post axially at right angles thereto, the post C, arranged movably toward and from the fixed post, the follower D, pivoted on the movable post, and a prop adapted to support the latter post to hold the follower in proximity to the form on the stationary post, substantially as described and shown.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Binghamton, in the county of Broome, in the State of New York, this 9th day of June, 1887.

LEWIS STEVENS. [L. S.]

Witnesses:

NERI PINE,

JAMES A. WHEELER.