(No Model.)

A. B. FISHER.

BASKET.

No. 451,321. Patented Apr. 28, 1891.

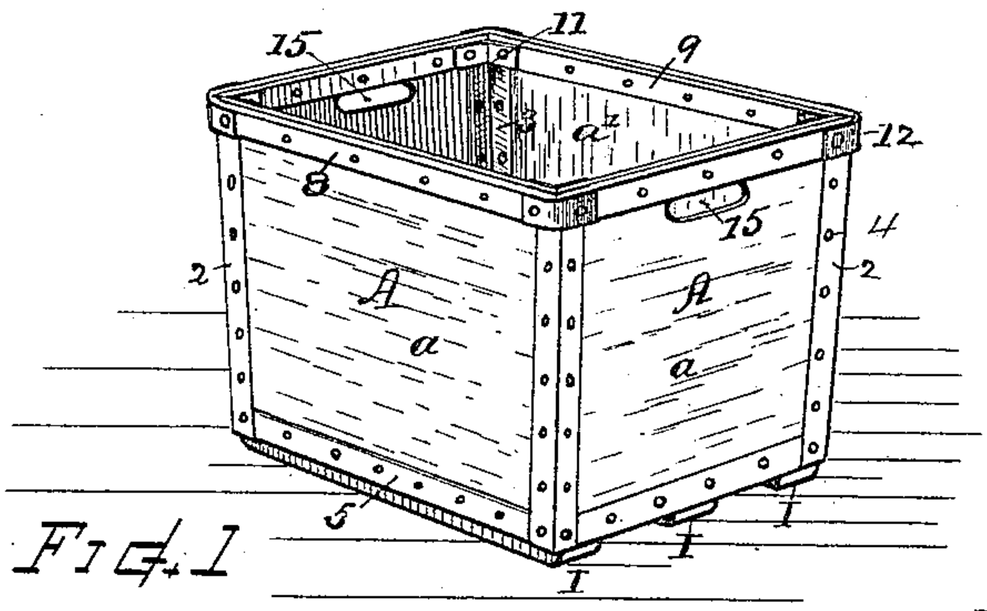

FIG. 1

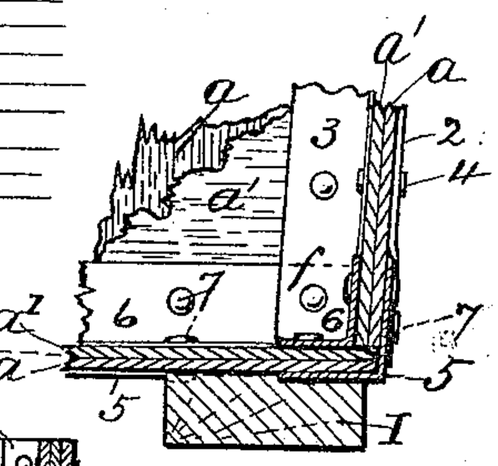

FIG. 5

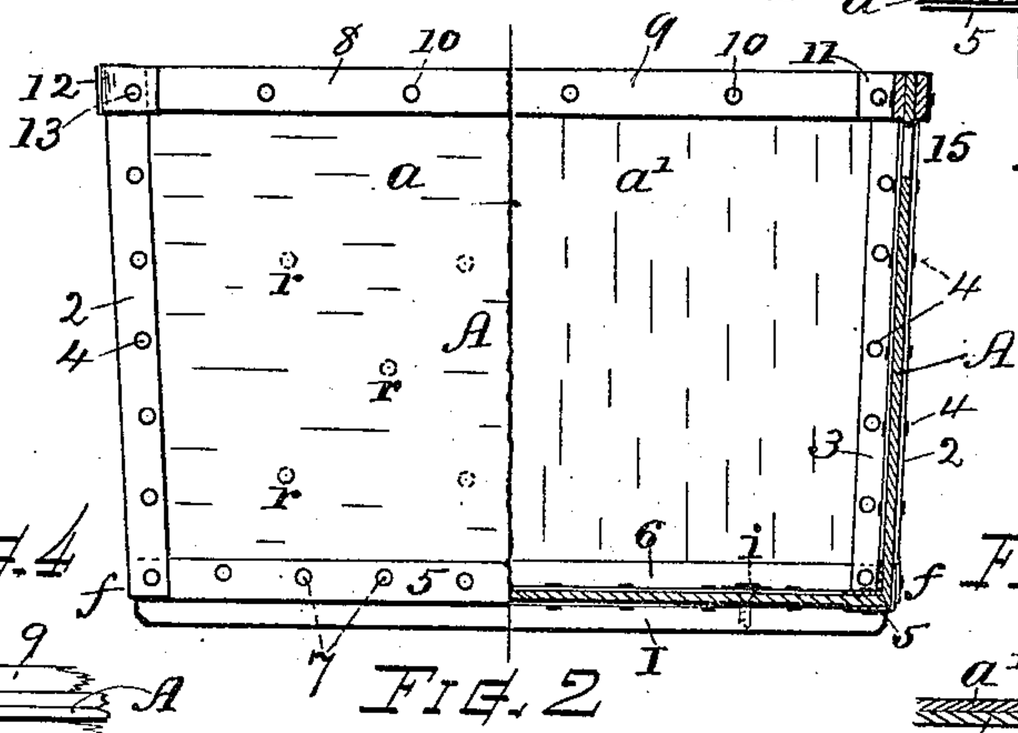

FIG. 2

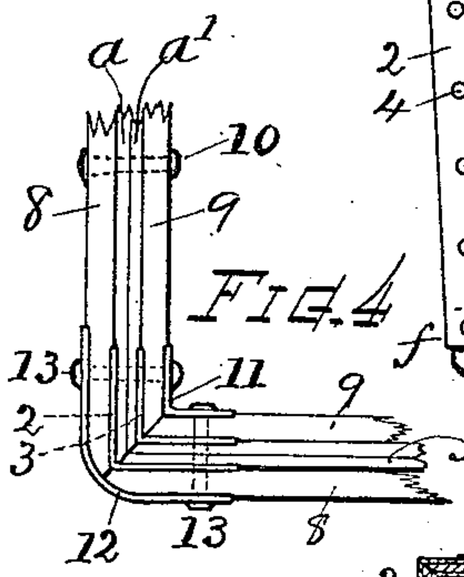

FIG. 4

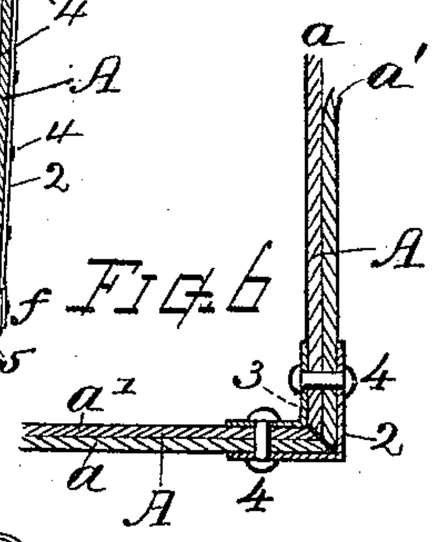

FIG. 6

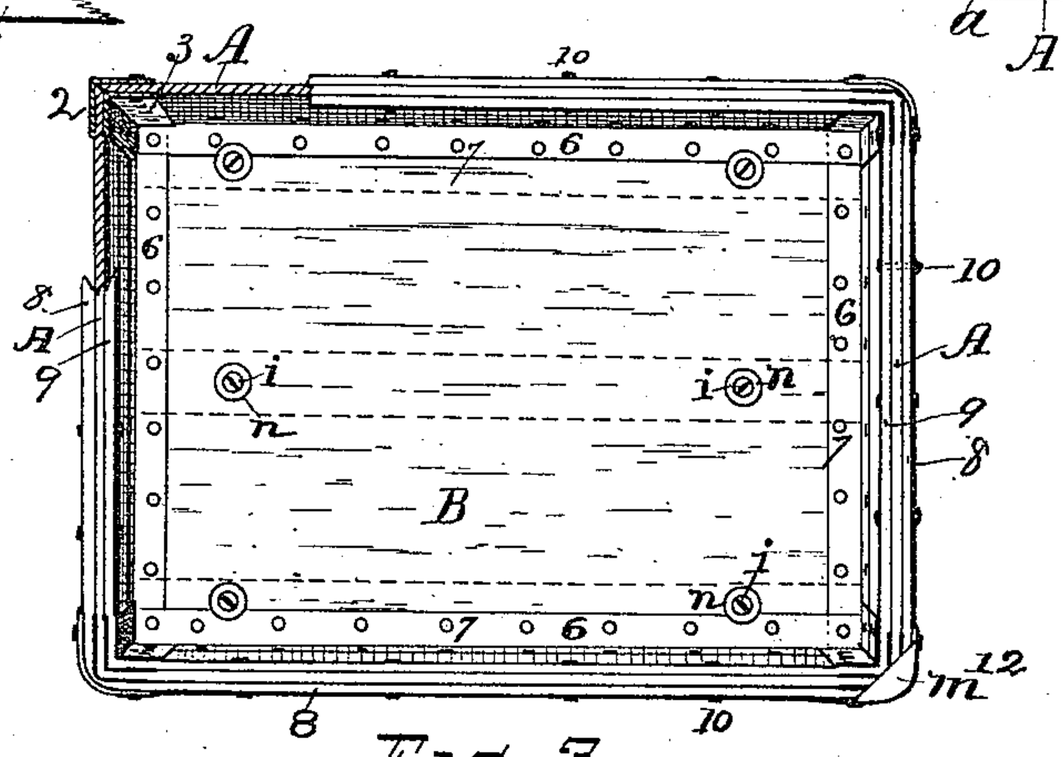

FIG. 3

Witnesses.

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UNITED STATES PATENT OFFICE.

ALVAN B. FISHER, OF RUTLAND, MASSACHUSETTS.

BASKET.

SPECIFICATION forming part of Letters Patent No. 451,321, dated April 28, 1891.

Application filed February 21, 1891. Serial No. 382,283. (No model.)

To all whom it may concern:

Be it known that I, ALVAN B. FISHER, a citizen of the United States, residing at Rutland, in the county of Worcester and State of Massachusetts, have invented a new and useful Basket for Factory Purposes, of which the following, together with the accompanying drawings, is a specification sufficiently full, clear, and exact to enable persons skilled in the art to which this invention appertains to make and use the same.

The object of my present invention is to provide a basket for factory purposes which shall be light, strong, and durable, and which can be manufactured with facility and economy and furnished at moderate cost, one that will give the greatest holding capacity in comparatively small and most convenient space, with uniformity of size in series as manufactured.

To this end my invention consists in a basket constructed as shown and described as an improved article of manufacture.

In the drawings, Figure 1 is a perspective view of my improved factory-basket. Fig. 2 is a half-side half-sectional elevation of the same. Fig. 3 is a plan view, one corner being shown in section. Fig. 4 is a top view of one corner on a somewhat larger scale. Fig. 5 is a vertical section through the bottom angle, and Fig. 6 is a horizontal section through the sides and connecting-plates at one upright corner or angle.

My improved basket is more especially designed to meet the requirements of factory service as a receptacle for holding bobbins or spools of yarn, weavers' filling and waste, or any manufactured or partially manufactured articles in general, and for other similar uses wherein strong, light, durable, and readily portable baskets or receptacles of uniform capacity and economy in space are required and some of which are necessarily of very large size.

In the construction of my improved basket the upright sides A and the bottom B are made of wood veneers laid in two or more plies or thicknesses *a a'*, the veneers being placed together with the grain of the wood crossed or extending in different directions in the several plies, which are thoroughly glued or otherwise fastened together, so as to form a fabric about three-sixteenths of an inch (more or less) in thickness. These double veneer sheets are cut to the desired dimension and form, and are secured together at their upright edges by an outer sheet-metal connecting-plate 2 and an inner sheet-metal connecting-plate 3, between which the edge of the veneer fabric is placed and securely clamped by a row of rivets 4, that pass through the edges of the wood and metal parts and are clinched on the exterior of the metal connecting-plates. In similar manner the edges of the bottom B are joined to the lower edges of the sides A by an outer sheet-metal connecting-plate 5 and an inner sheet-metal connecting-plate 6, embracing between them the veneer fabric and riveted through by rows of rivets 7. The sides A are best made slightly tapering toward the bottom, as shown. The several metal plates lap over each other at the bottom corners *f*, and the rivets pass through said lapped corners and bind the whole firmly together, making a very strong and rigid construction, not liable to be broken or quickly worn through by rough usage. At their top edges the sides are re-enforced by a border strip of wood 8, arranged on the exterior, and a border or strip 9, arranged on the interior, embracing the top edge of the veneer fabric between them, and the two border strips are secured thereto by rivets 10, suitably inserted through the parts and firmly clinched, so as to bind the edge of the double-ply veneers securely between the two strips, as indicated.

The strips 8 and 9 are fitted together at the corner angles of the basket, as indicated in Fig. 4, and are re-enforced by an inside metal corner-stay 11 and an outside metal corner-stay 12, the two corner-stays being secured by rivets 13, that pass through the border strips, the double veneer fabric, and the upper ends of the upright corner connecting-plates 2 and 3, thus binding all of the parts together in the most substantial manner. If desired, the outer corner-stay 12 can be formed with a horizontal lip, as at m^{12}, Fig. 3, for covering and protecting the top of the joint and obviating any liability of "slivering up" at the ends of the border strips; also, if in any instance desired, the inner border strip 9 can be formed of a strip of hoop-iron and in a single place extending completely around the inner surface

and riveted in the manner substantially as shown.

Runner strips or shoes I are secured to the bottom of the basket, as indicated, formed, preferably, of wood, and attached by means of screws *i*, inserted therein through the bottom B from the interior, large washers *n* being preferably used for protecting the veneer fabric beneath the screw-heads.

Openings 15 are formed through the sides beneath the border, as shown, so that the portions above will serve as handles for the convenient handling of the basket.

In some instances, as for large-sized baskets, or when desired the several plies of veneer of which the sides and bottom are formed can be riveted together at occasional intervals, as indicated at *r*, Fig. 2. This is desirable to be done when the baskets are to be used in damp places or situations where glue might give way.

For use in situations where the bottoms of the baskets are subject to much wear, as by throwing hard articles therein, a supplemental bottom can be arranged over the basket-bottom B, the said supplemental bottom to be removed and renewed, as desired.

I claim as my invention herein to be secured by Letters Patent—

1. As an improved article of manufacture, the within-described basket, composed of the sides and bottom pieces of double-ply crossed veneers having their upright and bottom edges joined together by the inside and outside sheet-metal connecting-plates, between which the edges of said veneer fabric are clamped and confined by a row of rivets, the inner and outer border strips embracing the top edges of said sides and riveted thereto, with hand-openings beneath the same, and the supporting-strips attached to the bottom, all substantially as shown and described.

2. The combination, with the side pieces, the outer and inner angular sheet-metal connecting-plates that join said side pieces at their meeting-angles, and border strips that re-enforce the top edges of said side pieces, said connecting-plates extending up between the border strips and sides, of the corner-stays 11 and 12, fitting the contour of the top corner angles and embracing the ends of said border strips and plates and secured to each other by rivets 13, that pass through said side pieces, connecting-plates, border strips, and corner-stays at the respective sides thereof, in the manner shown and described, for the purpose set forth.

Witness my hand this 19th day of February, A. D. 1891.

ALVAN B. FISHER.

Witnesses:
CHAS. H. BURLEIGH,
ELLA P. BLENUS.