H. M. WILCOX, R. J. PERCY & J. F. DAGGETT.

GROCERS' DISHES.

No. 194,280. Patented Aug. 14, 1877.

Fig. 1.

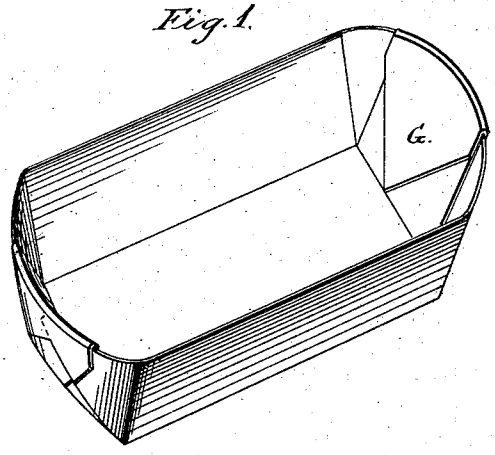


Fig. 2.

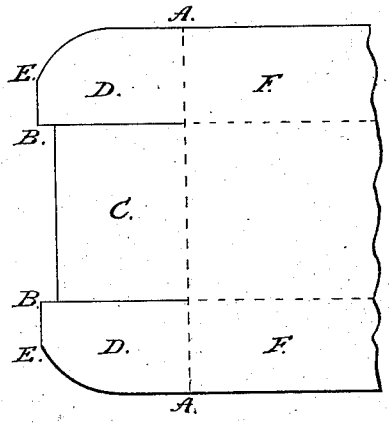
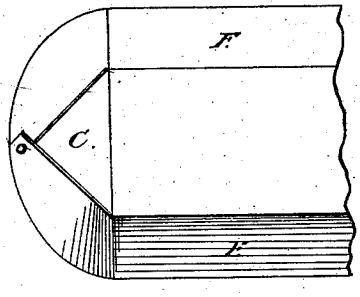


Fig. 3.



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UNITED STATES PATENT OFFICE.

HARLOW M. WILCOX, ROMULUS J. PERCY, AND JOHN F. DAGGETT, OF CHICAGO, ASSIGNORS, BY MESNE ASSIGNMENTS, TO L. KELLOGG WOODBRIDGE, OF SAME PLACE, AND CLARA V. DAGGETT, OF ELGIN, ILL.

IMPROVEMENT IN GROCERS' DISHES.

Specification forming part of Letters Patent No. **194,280**, dated August 14, 1877; application filed February 16, 1877.

To all whom it may concern:

Be it known that we, HARLOW M. WILCOX, ROMULUS J. PERCY, and JOHN F. DAGGETT, all citizens of the United States, and residents of Chicago, Cook county, Illinois, respectively, have invented a new and useful Improvement in Butter-Dishes or Grocers'-Plates, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of our invention is to make a plate or dish for the use of retailers of butter, lard, and similar substances, which will be light, strong, and able to endure ordinary strain without splitting the veneer.

The accompanying drawings show of what the invention consists, Figure 1 being a perspective view of the dish or plate in a completed form. Fig. 2 is a diagram of the piece, showing the manner of cutting preparatory to bending into shape. Fig. 3 is a view of one end bent into shape and secured by rivet before paper is pasted over the end, the paper being used to bind the pieces forming the ends of the dish together, being placed both inside and outside at the ends.

The method of manufacture is as follows: A slight score or groove is cut across the face of the wood at each end, as shown by dotted line A A in Fig. 2. Slits are cut from B B to dotted line A A, forming center end C and side ends D D. The sides D D are cut on a curve from A A to E E, so that when bent into position they, with center ends C, form the ends of the dish, which are fastened with a single tack or rivet at each end, and all strengthened and supported by the paper, as above described. The length of the center flap C being greater than the width of the sides F F, the side ends D D are passed under center flap C, one overlapping the other. The three are thus secured. The side ends D D, bending at A A, form angles, which incline the sides F F, and, when fastened, all are held firmly in place.

The side ends D D, passing across the center ends C C, and overlapping, prevent center ends splitting.

After shaping the dish a piece of paper or equivalent material is pasted or otherwise fastened across the ends of the plate or dish, as shown in Fig. 1, the space G representing the paper, adding greatly to the strength of the same, and effectually preventing splitting or checking.

We are aware that similar dishes are made of wood from a single piece, and held in shape by metal clasp or brace.

The advantage of this paper strip will be readily seen when it is remembered that the grain of the wood in the center flap C runs up and down when the parts are bent into place and fastened, whereas the side flaps D D, being bent on lines at right angles thereto, have their grain running horizontally. Thus any strain upon the ends is very apt to crack or split the center flap C.

By fastening the paper strip G in such manner as to cover the whole of said flap, and gluing or otherwise fastening it down upon surfaces—*i. e.*, inside and outside the dish—we so strengthen it as to wholly prevent splitting, and enable the dish to bear any strain it may, in its proposed use, be subjected to.

We do not claim the dish itself, nor the cutting from a single piece; but

We do claim as our invention—

1. A grocer's dish made from a single piece of wood veneer, its ends scored across and slit down to the score, the side flaps thus formed being laid over the central portion and fastened, the parts being then covered by a strip of paper or equivalent material, G, attached by glue or its equivalent both within and without the dish, and extending beyond the edges of the central flap, as and for the purpose set forth.

2. In a grocer's dish having the end flaps D D C turned up, lapped, and fastened, the paper strip G, secured by glue or its equivalent both within and without the dish, and extending beyond the sides of the center flap C, as and for the purpose set forth.

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