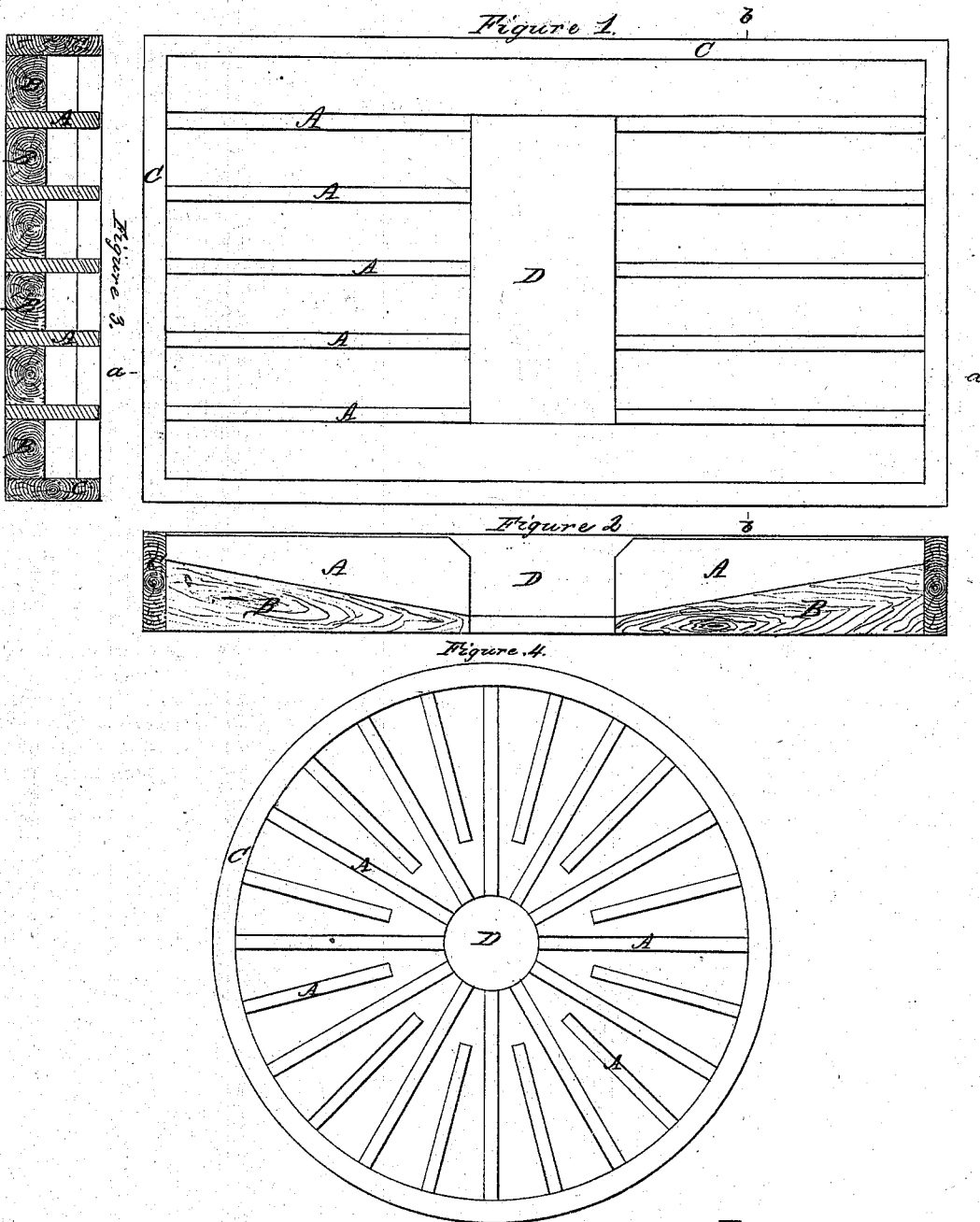


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Improvement in Drainers for Tumblers and Dishes.

No. 115,344.

Patented May 30, 1871.



Witnesses,
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IMPROVEMENT IN DRAINERS FOR TUMBLERS AND DISHES.

Specification forming part of Letters Patent No. 115,344, dated May 30, 1871.

Be it known that I, PETER W. NEEFUS, of the city, county, and State of New York, have invented a new and Improved Tumbler and Dish-Drainer; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing making part of this specification.

My invention consists of a drainer provided with a number of vertical ribs of elastic material, the edges of which form a surface upon which to place the wet dishes, the channels between said ribs inclining toward a waste-water outlet or a rinsing-basin.

The invention is applicable as a tumbler-rack, for use in saloons or on family side-boards, or simply as a drainer to hold dishes and permit the surplus water to run off between the processes of rinsing and wiping, the elastic surface formed by the ribs effectually preventing the glass or crockery ware from being chipped or fractured.

In the drawing, Figure 1 represents a plan view of my improved drainer in one of its forms. Fig. 2 represents a vertical longitudinal section of the same on the line *a a*. Fig. 3 is a vertical cross-section of the same on the line *b b*. Fig. 4 is a plan view of a circular drainer embodying my improvement.

A A, &c., represent vertical ribs of vulcanized India rubber or other elastic material, arranged one-half inch, more or less, apart, and with their upper edges on the same level or nearly so, and thus forming a surface upon which the tumblers or dishes may be placed to drain. These ribs are secured to the main body of the drainer in any desired manner,

such, for instance, as that shown in the drawing, in which the strips are cemented to separating pieces B B, and a number of ribs, A, and pieces B, sufficient to form a drainer of proper size, are surrounded and secured together by strips or moldings C. The ribs may, however, be secured by cementing their lower edges into grooves in a base-piece, substantially of the shape shown. So, also, the ribs and base may be made of one piece of vulcanized India rubber. At or near the center of the drainer is formed an opening, D, which may be used simply as a drain, or may be of sufficient size to contain a rinsing-vat or give access to the same. The channels between the ribs A A all incline toward the opening D, so as to carry the water in that direction. In case there is no opening made in the drainer, the channels may be arranged to carry the water to one end or to any desired point.

Fig. 4 represents a circular drainer in which the ribs are radial—short ones alternating with longer ones, so that there is a continuous channel from all directions to the opening D in the center.

What I claim as new, and desire to secure by Letters Patent, is—

A drainer provided with a number of vertical ribs of elastic material, with inclined channels between the same to lead away the water, substantially in the manner and for the purposes specified.

PETER W. NEEFUS.

Witnesses:

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