

V. CHANDLER.
DISH DRAINERS.

No. 177,207.

Patented May 9, 1876.

Fig. 1.

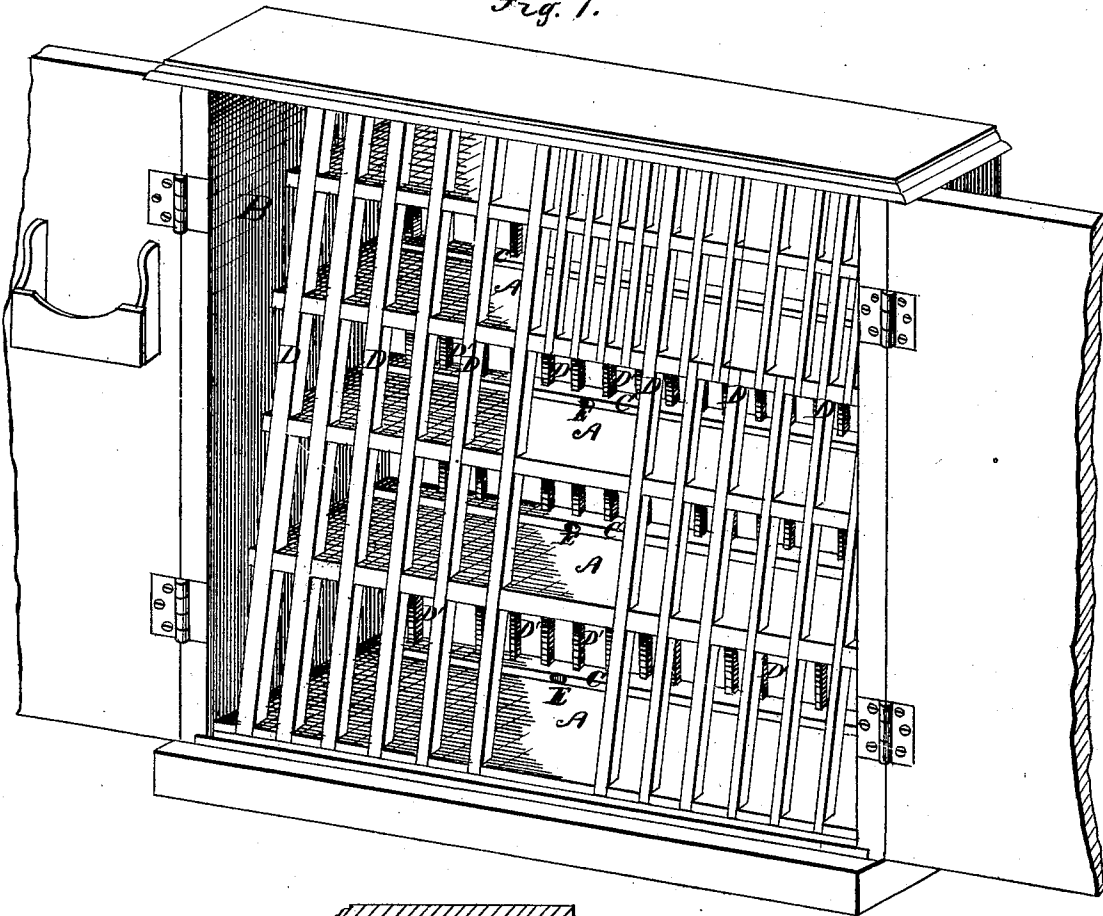
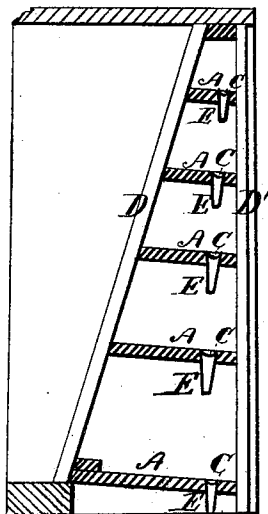


Fig 2.



Witnesses;
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UNITED STATES PATENT OFFICE

VASHTI CHANDLER, OF PONTIAC, MICHIGAN.

IMPROVEMENT IN DISH-DRAINERS.

Specification forming part of Letters Patent No. **177,207**, dated May 9, 1876; application filed August 6, 1874.

To all whom it may concern:

Be it known that I, VASHTI CHANDLER, of the city of Pontiac, in the county of Oakland and State of Michigan, have invented a new and Improved Dish-Rack; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view, and Fig. 2 a transverse section.

Similar letters of reference on the accompanying drawings indicate the same parts.

This invention has for its object to provide for public use a rack for drying crockery and household utensils, that shall combine cheapness with simplicity, and shall save the time and labor of wiping said articles, and the expense of cloths or wiping-towels.

To these ends the invention consists in the employment of a frame provided with inclined shelves, of suitable material, arranged one above the other, and decreasing in width from the bottom to the top shelf, in combination with uprights or slats set in or fastened to said shelves at suitable distances apart to allow the insertion of the plates, crockery, or utensils to be dried, each shelf being provided near its lower edge with a longitudinal groove or channel, adapted to collect the drip from the articles and convey it away through suitable pipes opening into said channels, as hereinafter more fully set forth.

In the drawings, A A represent the shelves, constructed of wood, porcelain, or metal, as preferred, and supported by a suitable frame, B. Said shelves are slightly inclined, and are provided near their lower edge with a longitudinal groove or channel, C. D D' are slats constructed of wood, metal, or wire, and set in or fastened to the shelves A, parallel to each other, and at sufficient distances apart to allow the insertion of plates or other arti-

cles to be dried. The slats D' are vertical, and form the back of the rack. The slats D are at an angle to the slats D', owing to the varying width of the shelves; hence it will be seen that the rack is adapted for drying articles of different sizes, the lower shelves accommodating the larger articles and the upper ones those of smaller size, such as saucers, &c. E E are pipes inserted in the shelves A in line with each other, their upper ends opening into the channels C, and their lower ends terminating near the upper surface of the next shelf below. By this means the drip from the dishes or utensils is first collected by the channels C and conveyed thence through the pipes E to a suitable receptacle at the bottom of the rack, and the drip from the articles on the upper shelves is prevented from falling upon those on the shelves below.

The rack is to be constructed with or without doors, as preferred. If the latter are employed I secure suitable boxes to their inner sides for the reception of cutlery, &c. The whole rack may be constructed very cheaply, and its use will save much time, labor, and expense.

I am aware that shelves graduated with regard to their widths have heretofore been employed in racks for drying dishes of different sizes, and I therefore lay no claim, broadly, to such graduated shelves in dish-racks.

I claim as my invention—

The inclined shelves A A, decreasing uniformly in width from bottom to top, and having the longitudinal grooves C C, and drip-tubes E E, in combination with the inclined slats D and vertical slats D', the whole being constructed and arranged in the manner and for the purpose set forth.

VASHTI CHANDLER.

Witnesses:

EVA CHANDLER,
JOSEPH E. SAWYER.