(No Model.)

D. GUPTILL.

DISH DRAINER.

No. 415,634. Patented Nov. 19, 1889.

Fig. 1.

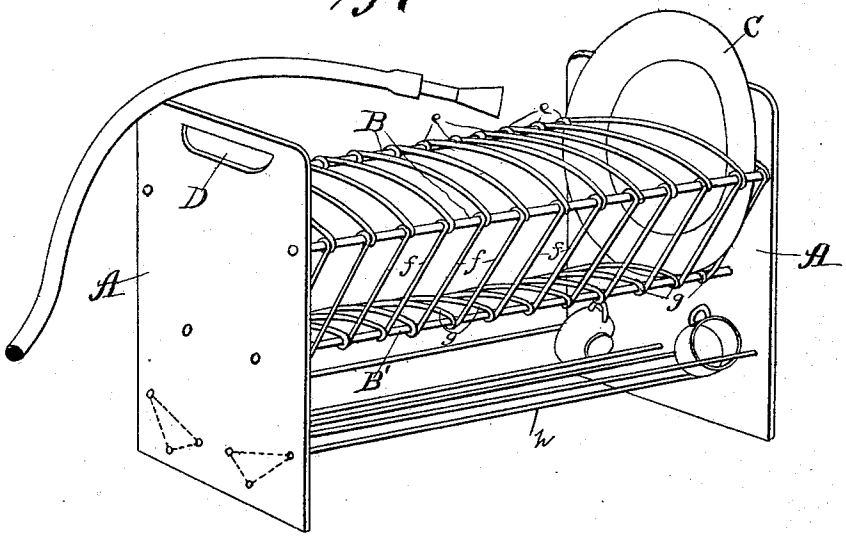
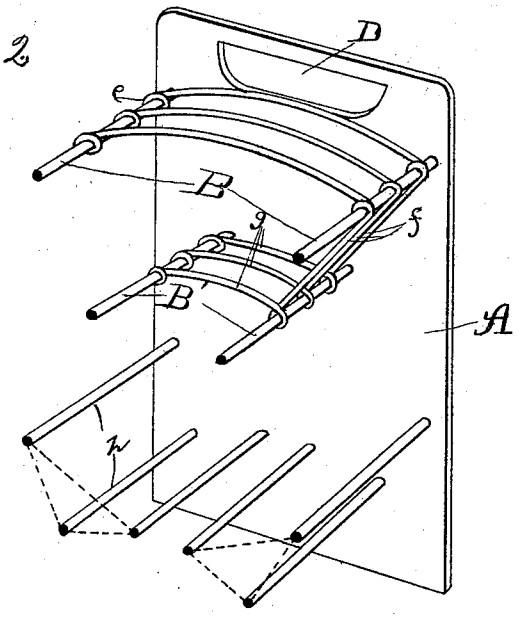


Fig. 2.



Witnesses:
Clifford Q. White.
Walter Artis

Inventor:
Dan Guptill
By Smith & Shinn
Atty's.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DAN GUPTILL, OF ELGIN, ILLINOIS.

DISH-DRAINER.

SPECIFICATION forming part of Letters Patent No. 415,634, dated November 19, 1889.

Application filed January 14, 1889. Serial No. 296,307. (No model.)

To all whom it may concern:

Be it known that I, DAN GUPTILL, a citizen of the United States, residing at Elgin, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Racks for Holding Dishes, of which the following is a specification.

My invention relates to improvements in racks for holding dishes; and the objects of my invention are to provide a rack of improved construction for holding dishes at a sufficient distance from each other to allow water to pass freely between them; which shall afford facilities for a proper adjustment of dishes independent of each other, so that water may be directed to every point of each from a hose or other conduit for the purpose of cleansing them, and which shall also afford a portable rack for carrying dishes from place to place without contact with each other. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the entire rack, and Fig. 2 is a sectional view showing in detail the means provided for holding the dishes independent of each other.

Like letters refer to like parts in each of the views.

The upright metallic ends A and the horizontal rods B, B′, and *h* constitute the framework of the device.

C represents the dishes in position.

e e, *f f*, and *g g* are small rods or wires which hold the dishes in position and away from and independent of each other.

It will be seen that the horizontal rods B and B′ are arranged in a set of four, the upper pair of which are wider apart than the lower pair, which lower pair are marked B′, and that the six horizontal rods *h* are arranged in two sets of three each, the points of insertion into the metallic ends A being in the form of two triangles, thus making two receptacles or racks for holding cups and bowls. Along the upper pair of horizontal rods B are fixed a series of transverse rods or wires *e*, bent in a manner to conform to the shape of the dishes and placed at a sufficient distance from each other to prevent the contact of dishes placed between them. Along the lower pair of horizontal rods B′ is fixed a series of transverse rods or wires *g*, the same distance from each other as the series *e* above. The wires *g* are not placed immediately under the wires *e*, but sufficiently to one side to hold the dishes in an inclined position. Descending from the series of transverse rods or wires *e* arranged along the pair of horizontal rods B to the series of transverse rods or wires *g* arranged along the pair of horizontal rods B′ is fixed a series of inclined guide rods or wires *f*, equal in number to the series *e* and the series *g*.

D are hand-holds in the upright metallic ends A of the rack, by which to carry it from place to place.

It will be readily seen that when a dish is dropped edgewise in one of the spaces between the transverse rods or wires *e* it will be guided in its downward course by the inclined guide rods or wires *f* and lodged and supported between a respective pair of transverse rods or wires *g*, where it will be held independent of and free from the dishes placed in the next adjoining spaces, so that water may be freely directed to every point of each by a jet from a hose or other conduit, and that the water will freely drain from the dishes and be carried away by a sink or other channel, over which the rack is set. It will also be seen that nicking and breaking will be avoided by the dishes not striking against each other, and that much handling will be avoided by the dishes remaining in the rack until dry and needed again.

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

A portable rack for holding dishes while being washed and dried, comprising, in combination, perpendicular metallic ends A, horizontal rods or wires B, B′, and *h*, transverse rods or wires *e* and *g*, and inclined rods or wires *f*, for the purpose and in the manner substantially as set forth.

DAN GUPTILL.

Witnesses:
ROSS SHINN,
JOSEPH P. THRESHER.