# W. F. BOWDEN & J. W. STEWART.

## DISH-RACK.

No. 192,560. Patented July 3, 1877

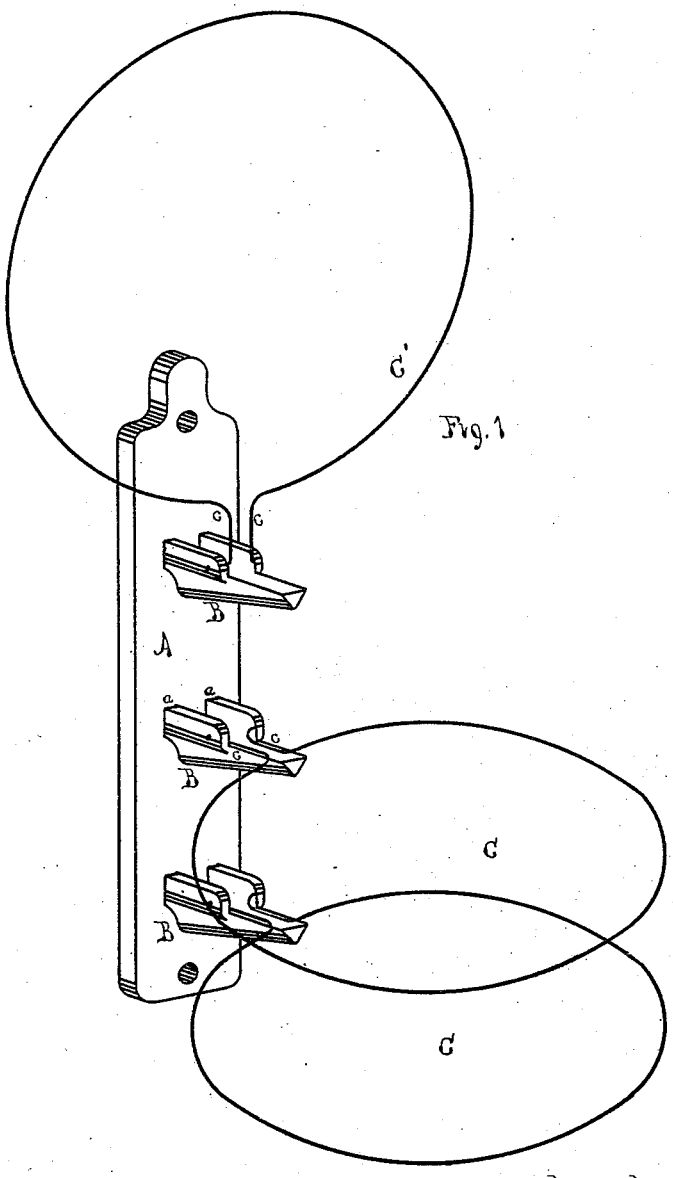


Fig. 1

Witnesses.
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# UNITED STATES PATENT OFFICE.

WILLIARD F. BOWDEN AND JOHN W. STEWART, OF LOWELL, MASS.

## IMPROVEMENT IN DISH-RACKS.

Specification forming part of Letters Patent No. **192,560**, dated July 3, 1877; application filed March 29, 1877.

*To all whom it may concern:*

Be it known that we, WILLIARD FRANK BOWDEN and JOHN W. STEWART, of Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and useful Dish-Rack, of which the following is a specification:

Our invention consists in the construction of a rack or holder of which the wire ring, in which the dish or other article is placed, is provided with an arm or arms which project in the plane of the ring, and are pivoted to their support, and are supported horizontally by a bracket in the same plane, the object being to provide a cheaply-constructed and convenient dish stand or rack, capable of sustaining dishes and other articles of considerable weight without any bending or sagging of the ring on its outer periphery, and which may be folded up when not in use.

Figure 1 is a perspective view of the rack.

A is the plate, to which I attach the holder or ring, and which may be screwed to the wall of the room or closet, or otherwise conveniently placed. This plate has one or more brackets, B B B, having a flat upper surface and shoulder *a a* projecting upward. C is the ring, in which the dish or other article is placed. This ring we make of wire, bent in any suitable shape, the ends of the wire being so bent as to form the arms *c c* in the plane of the ring. The extreme ends of the wire are passed and fastened through holes in the shoulders *a a*, so as to pivot the ring and enable it to be folded upward.

The arms *c c* of the ring rest upon, and are supported by, the brackets B. This method of construction is of great advantage over that heretofore employed, in which the ring and articles therein are supported by a shoulder at right angles to the plane of the ring, resting directly against the plate A, inasmuch as a portion of the weight of the article placed in the ring is directly borne by the rigid bracket B, and as the arms *c c* project and are supported in the plane of the ring, the latter is capable of holding a much greater weight, without any sagging of that part of the ring farthest from the support, than when the arms of the ring are bent at right angles to the plane thereof, and the weight sustained solely by the strength of the wire ring.

The plate A may be provided with one or more brackets, as desired, and the ring made of any convenient shape, and when not in use may be folded up out of the way, as shown at C′.

Another great advantage of this mode of construction is its cheapness, as the expense of bending and fitting the wire rings of the plate-racks heretofore known is much greater than by our construction.

We claim as new and of our invention—

1. A dish-rack consisting of holders provided with projecting pivoted arms supported by the pivots and projecting brackets, substantially as described.

2. In combination with the plate A, provided with brackets B, the pivoted rings or holders C, substantially as described.

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