W. T. Stoutenborough,

Plate Holder.

No. 111,399. Patented Jan. 31. 1871.

Fig. 1.

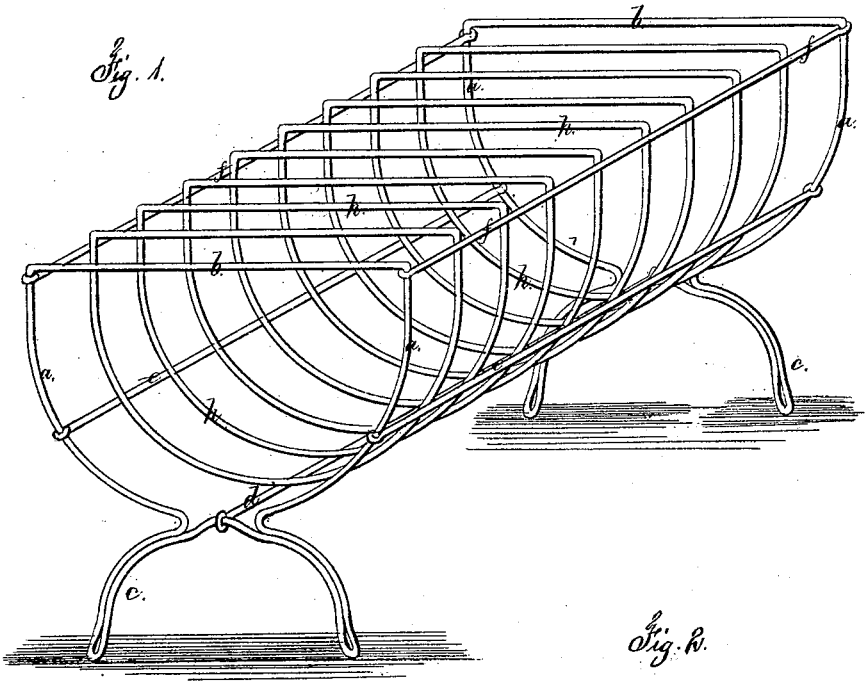
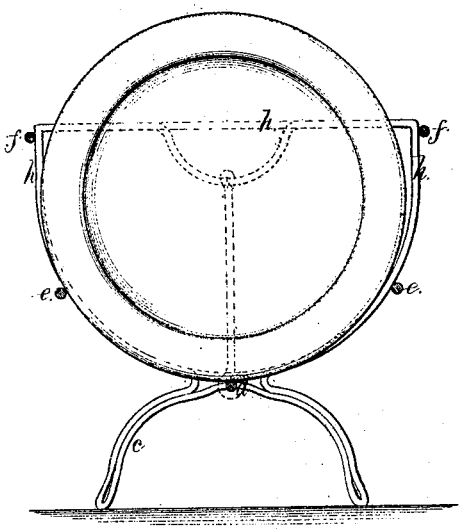


Fig. 2.



Witnesses.

Chas. H. Smith

Geo. H. Walker

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WILLIAM T. STOUTENBOROUGH, OF BROOKLYN, NEW YORK.

Letters Patent No. 111,399, dated January 31, 1871.

IMPROVEMENT IN HOLDERS FOR PLATES WHILE BEING WARMED.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM T. STOUTENBOROUGH, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Holders for Plates while being Warmed; and the following is declared to be a full and correct description of the said invention.

In households, when it becomes necessary to warm plates for use at the table, said plates are generally placed one upon another in the oven or upon the top of a stove. When warmed in this manner they do not receive the same degree of warmth, and the lower plate, which is in contact with the heated plate of the stove, very frequently cracks and breaks from the heat.

The object of my invention is to provide a holder for plates that can be set upon the top of a stove, and in which the plates will receive an equal degree of warmth, and in which there will be no danger of the plates striking against each other, or falling out, or cracking with too great heat, or by the weight of the plates piled one upon another.

I make the holder of an open frame-work of wire. The ends of the holder are kept apart and in their proper position by longitudinal wires or bars, and to these longitudinal wires are attached divisions, at suitable distances apart, to form receptacles for the plates, the holder being supported on legs.

In the drawing—

Figure 1 is a perspective view of my improved holder; and

Figure 2 is a cross-section of the same, illustrating the manner in which a plate is held in the holder.

a a are the ends of the holder, formed of wire or other material, and of the desired shape.

I have shown the two ends of a semicircular form, supported by legs *c c*, and connected at the upper portion by the cross-bars *b b*.

The ends *a a* are kept in their proper position by the wires or bars *d e e f f*, and these are to be connected to said ends *a a*, in any suitable manner, either by soldering or by being bent or twisted at the proper points around the wire of said ends *a a*, or both soldering and bending may be employed.

Between the ends *a a*, and at suitable distances apart, I place the wire divisions *h h*, each bent into the same general shape as the upper portions of the ends *a a*, and these wire divisions *h h* are connected to the wires *d*, *e*, and *f*, by soldering or otherwise.

The divisions *h h*, together with the bars *d*, *e*, and *f*, form receptacles into which the plates are to be placed, the divisions *h h* preventing the plates resting or striking against each other and the wires or bars *d e f* supporting the plates, and preventing from falling out of the holder.

My plate-holder is very light and strong, and the plates held therein will each receive a nearly uniform degree of warmth, as the heat from the stove can circulate on both sides of the plates.

If desired, the holder might be inclosed at the sides and top with a sheet-metal casing, the top to be provided with a swinging cover to allow access to the holder.

The bars *h* might be bent down in the middle to facilitate the grasping of small plates or saucers, and vertical rods be used to connect the same with the bar *d*, (see dotted lines fig. 2.)

The bars *e* may be increased in number to strengthen the plate-holder, ane the legs *c* may be braced to the bar *d*.

I claim as my invention—

The plate-holder, formed of the metallic ends *a a*, wire divisions *h h*, legs *c*, and connecting-bars *d e f*, as and for the purposes specified.

Signed this 16th day of December, A. D. 1870.

W. T. STOUTENBOROUGH.

Witnesses:

CHAS. H. SMITH,

GEO. T. PINCKNEY.