

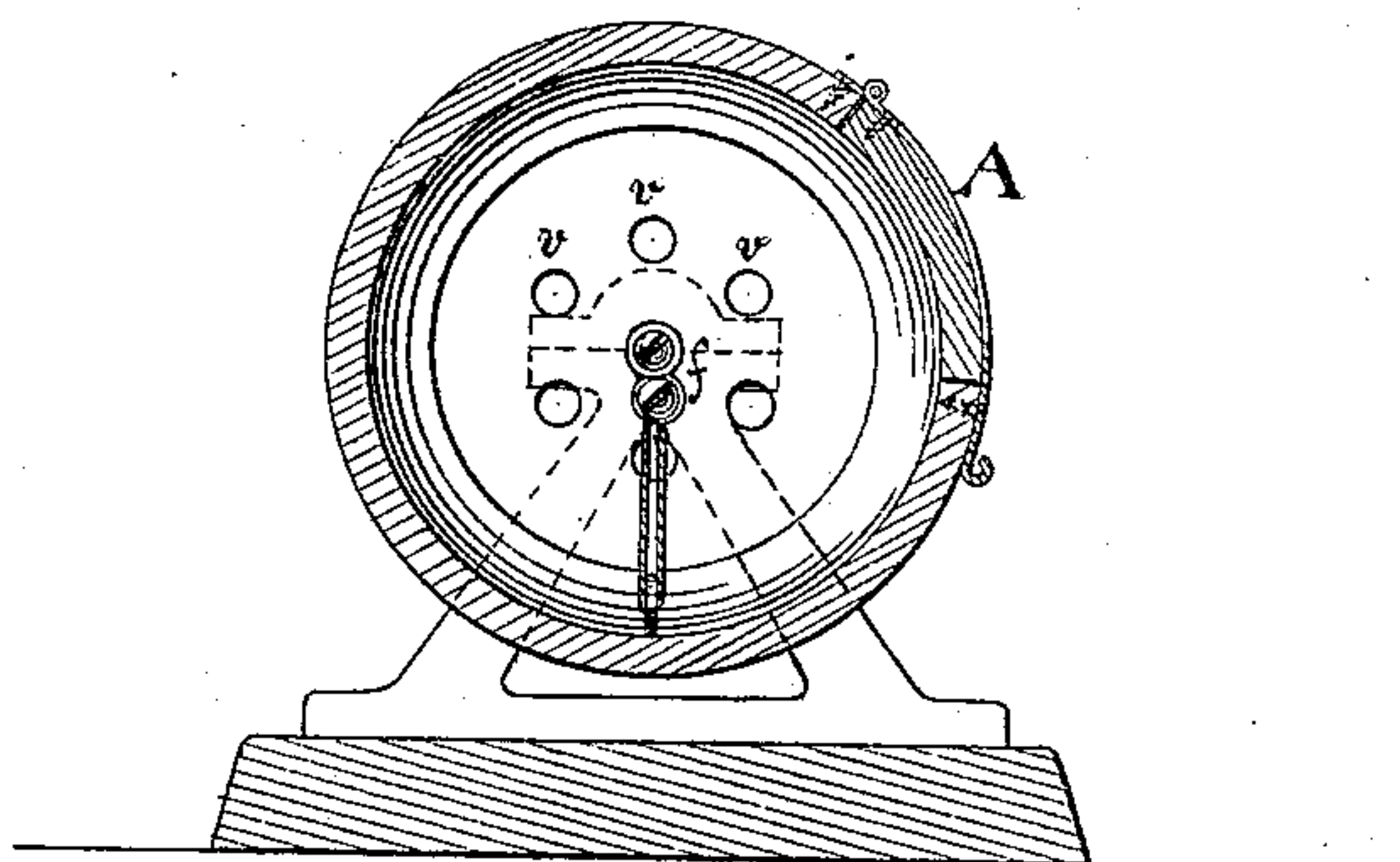
W. SCHNEIDER.

Machines for Drying and Polishing Candies.

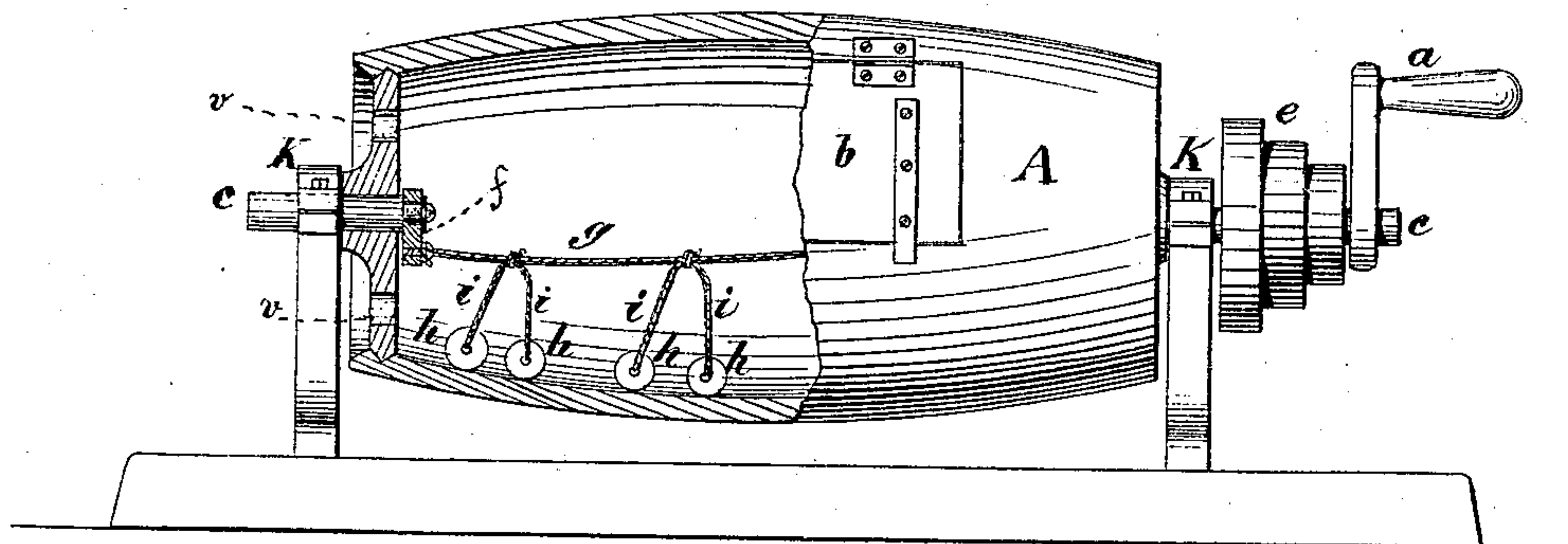
No. 149,253.

Patented March 31, 1874.

*Fig: 1.*



*Fig: 2.*



Witnesses:

Henry Eichling  
Fred Haynes

Wilhelm Schneider  
by his Attorneys  
Brown & Allen

# UNITED STATES PATENT OFFICE.

WILHELM SCHNEIDER, OF WILLIAMSBURG, BROOKLYN, NEW YORK.

## IMPROVEMENT IN MACHINES FOR DRYING AND POLISHING CANDIES.

Specification forming part of Letters Patent No. **149,253**, dated March 31, 1874 ; application filed March 13, 1874.

*To all whom it may concern :*

Be it known that I, WILHELM SCHNEIDER, of Williamsburg, in the city of Brooklyn, in the county of Kings and State of New York, have invented an Improved Machine for Drying, Polishing, and Varnishing Candies, of which the following is a specification:

Candies have been heretofore usually dried and polished in open metallic vessels, agitated, shaken, or revolved in some convenient manner, the candies receiving a gloss, or, as it is called, varnish, from pieces of wax or paraffine, mingled with the candies while agitated. In this process more or less difficulty is experienced in separating the candies, after they have been sufficiently polished and varnished, from the pieces of wax or paraffine with which they are intermingled, and the open metallic vessels used and modes of working the same are otherwise not well adapted for performing the operation efficiently and economically on a large scale.

The object of my invention is to avoid the difficulty of separating the candies from the pieces of varnishing material, and to provide an apparatus by which the operation of polishing and varnishing may be performed on an extensive scale. My invention consists in a revolving cylindrical or barrel-shaped receptacle, preferably of wood, provided at the center of the internal ends thereof with swiveling hooks, to which are suspended, from a wire or cord or other suitable connection attached to and connecting said hooks, pieces of the varnishing material; and my invention further consists in constructing the internal surface of the revolving receptacle of wood, either by lining the same with wood, if constructed of metal, or preferably by constructing the receptacle of wood throughout.

In the drawing, Figure 1 is a transverse section. Fig. 2 is a partial axial section, and partial side elevation, of the same.

A is the shell of the box, preferably of wood, but if made of metal, lined with wood, and having a door, *b*, by which it may be charged and discharged. *c c* are journals, to which the

receptacle is made fast, and by which it is rotated upon the bearings *k k*, either by the crank *d*, or by the different speed-pulleys *e*. *v v* are vents or ventilating-apertures in the ends of the receptacle. *f f* are swiveling hooks suspended in the interior of the receptacle, one from the center of each end, upon the journal or other pivot. *g* is a cord or wire made fast to and connecting the swiveling hooks *f f*. *i i* are cords attached to and depending from *g*. At the lower ends of the cords *h* are attached pieces *i i* of wax, paraffine, or other varnishing material.

When the receptacle is charged with candies and revolved, the swiveling hooks retain about the same position, relative to the vertical, shown in the drawing, the candies come in contact with and are rubbed against the pieces of varnishing material *h h*, and, when sufficiently polished and varnished, are discharged through the door *b*.

The internal surface of the receptacle, being of wood, soon becomes covered and saturated with the polishing material, which does not so readily adhere to a metal surface, and thus the varnishing is facilitated. The varnishing material, being suspended as shown, is not discharged with the candies, as would be the case if it were mingled in fragments with them.

If the apparatus is driven by power, speed-pulleys are preferably used, as different speeds are desirable for different-sized candies.

I claim—

1. The swiveling hooks *f f*, with suspended pieces of varnishing material *h h*, in combination with the revolving receptacle A, having an internal wooden surface, substantially as shown and described, and for the purpose set forth.

2. The revolving receptacle A, constructed of or lined with wood, substantially as described, for the purpose set forth.

WILHELM SCHNEIDER.

Witnesses:

FRED. HAYNES,  
FERD. TUSCH.