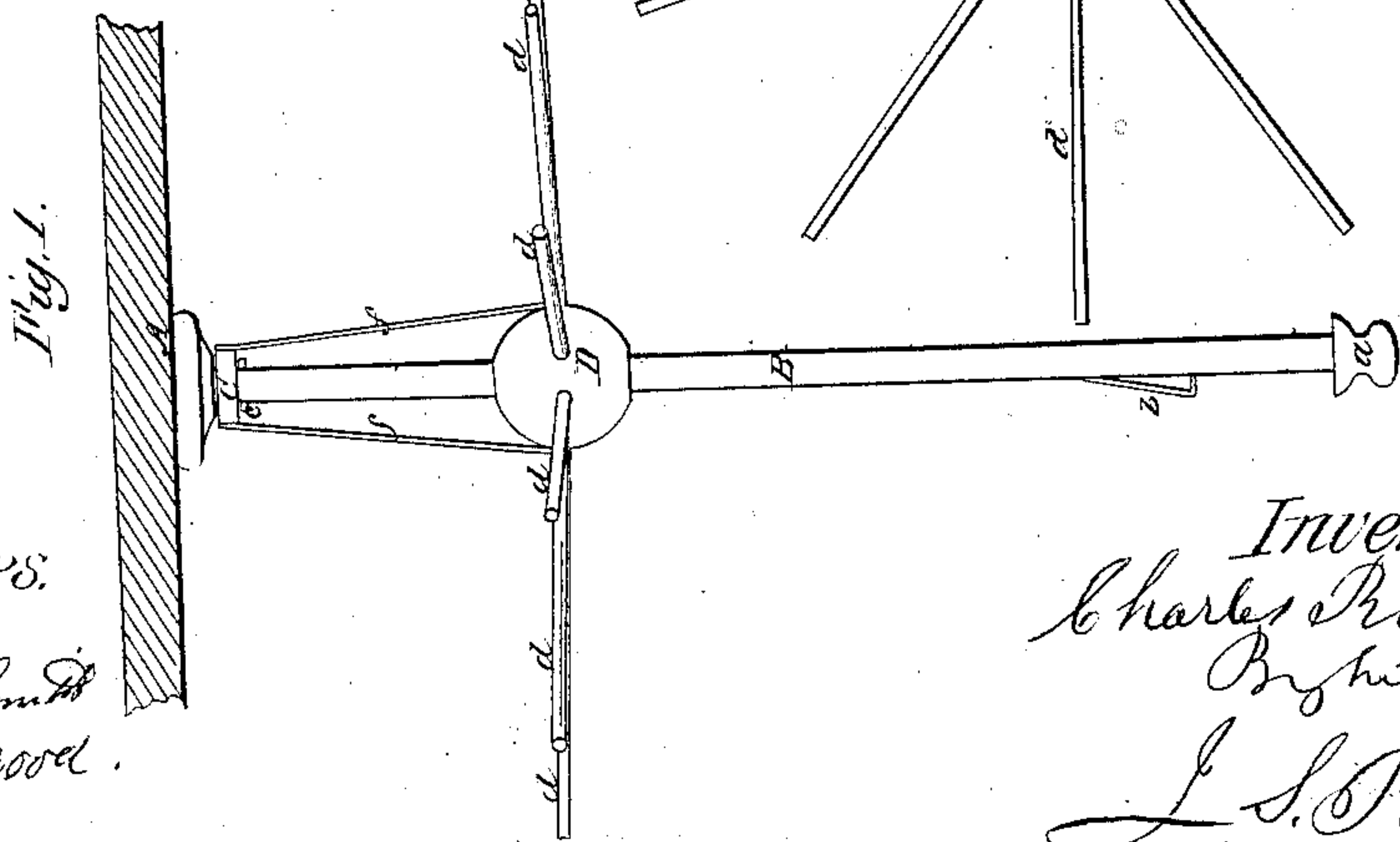
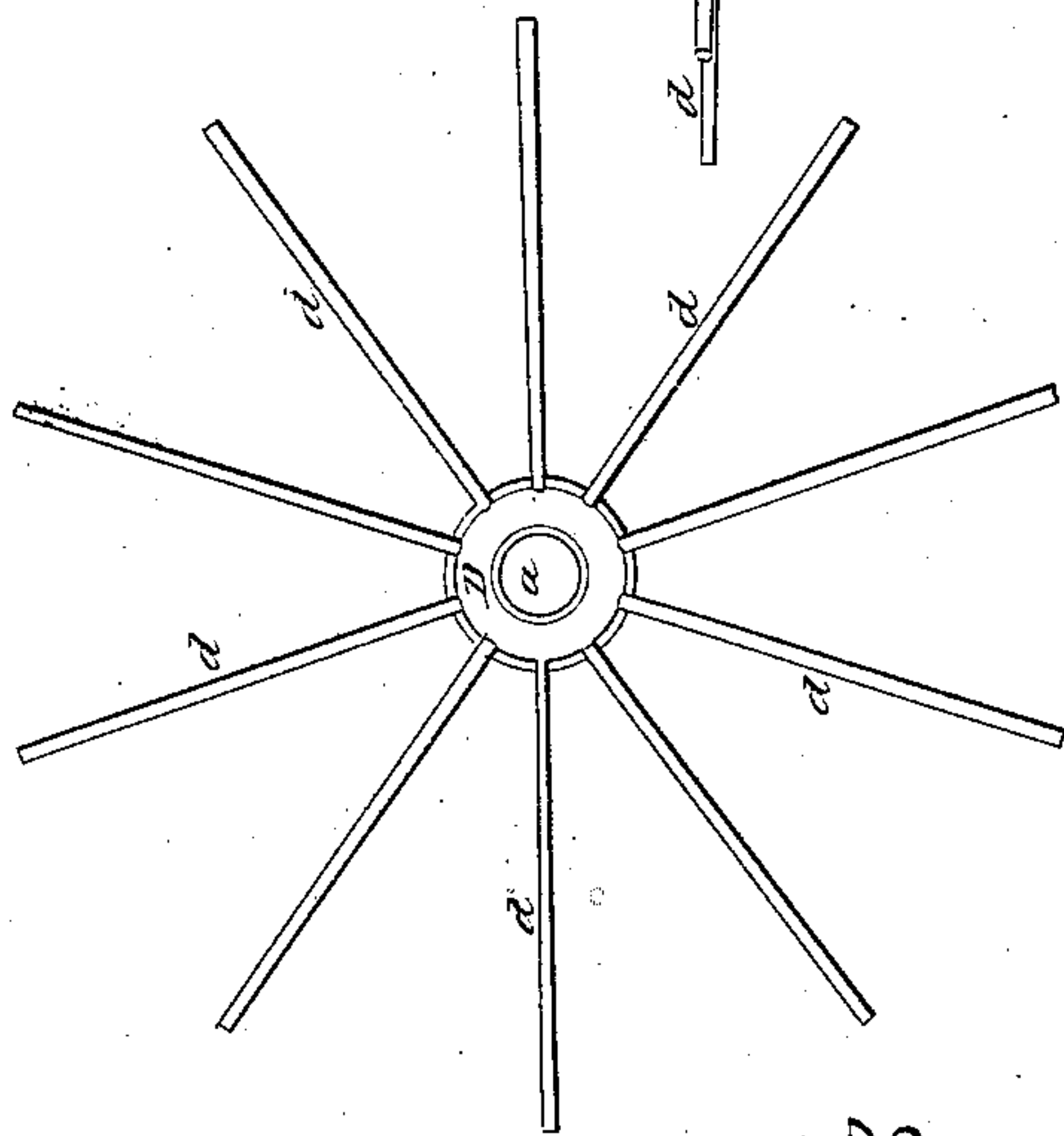
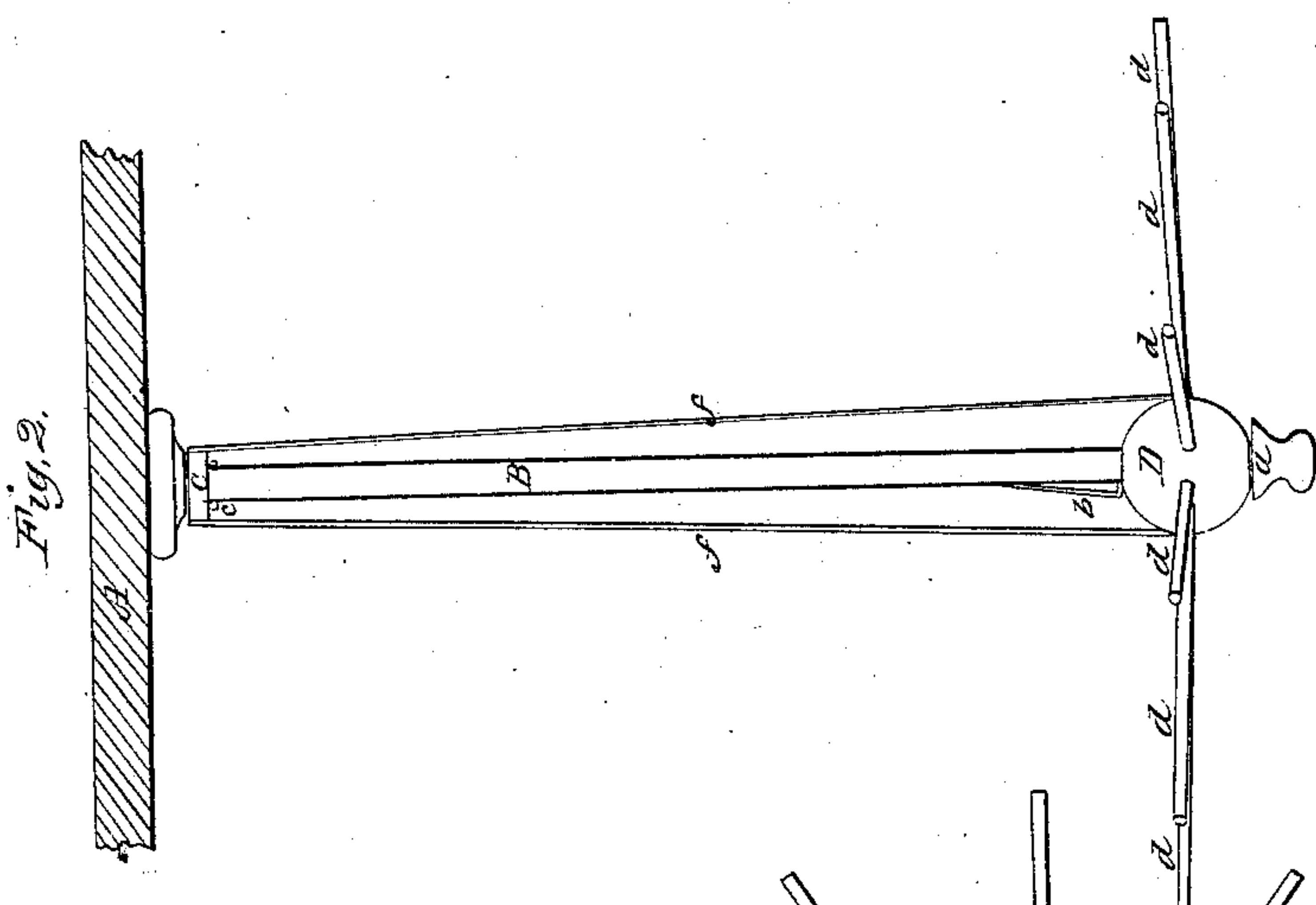


C. Robinson,

Clothes Frame,

N^o 30,249-

Patented Oct. 2, 1860.



Witnesses:

*Frank Smith
R. L. Osgood.*

*Inventor.
Charles Robinson
By his atty
L. S. Brown*

UNITED STATES PATENT OFFICE.

CHARLES ROBINSON, OF CAMBRIDGEPORT, MASSACHUSETTS.

CLOTHES-DRIER.

Specification of Letters Patent No. 30,249, dated October 2, 1860.

To all whom it may concern:

Be it known that I, CHARLES ROBINSON, of Cambridgeport, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Clothes-Drier; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1, is a side view of the clothes drier, in the position when raised out of the way; Fig. 2, a similar view, showing the position of the parts when brought down for use; Fig. 3, an underside view thereof.

Like letters designate corresponding parts in all the figures.

To the ceiling A, of a room, or to any other suitable thing overhead, is secured a vertical rod or staff B, in the manner represented in the drawings, the lower end reaching down so as to be readily reached. From a loose collar C, turning freely on the upper end of the rod B, is suspended, by a suitable number of elastic cords *f, f*, a hub or ball D, which has an aperture through its center sufficiently large to allow it to freely turn and slide on the rod. A convenient number of radial arms *d, d*, project horizontally outward any desirable distance, as shown. The collar C, is supported by a pin *e*, or otherwise; and a knob *a*, or its equivalent, is attached to the lower end of the rod B, to prevent the hub D, from sliding off from the rod, and to support the same when its arms are loaded.

Upon the radial arms *d, d*, the clothes or

other articles are hung, their weight bringing and holding the hub D, down to the supporting stop *a*, (as shown in Fig. 2,) in which position they are ready for drying. Then, as soon as the clothes are removed, the elasticity of the cords *f, f*, raises the hub D, with its arms up to or near the upper end of the rod B, (as shown in Fig. 1,) entirely out of the way.

A catch *b*, may be employed to hold the hub D, down temporarily, before the clothes are hung on, and a similar catch might be used at the upper end of the rod B, if desired; but that is not necessary. The catch may be so rounded as to hold the hub, but not to resist an additional force applied by the hand, in raising or lowering. The loose collar C, and hub D, together with the free, flexible cords *f, f*, also allow the arms *d, d*, to turn around freely on the rod B.

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

The combination and arrangement of the rod B, with its catch *b*, hub D, with its radial arms *d, d*, and the elastic cords *f, f*, the whole forming an improved article of manufacture, substantially as and for the purposes herein specified.

In witness that the above is a true specification of my improved clothes drier, I hereunto set my hand this first day of June 1860.

CHARLES ROBINSON.

Witnesses:

WILLIAM GATES,
HENRY THAGER.