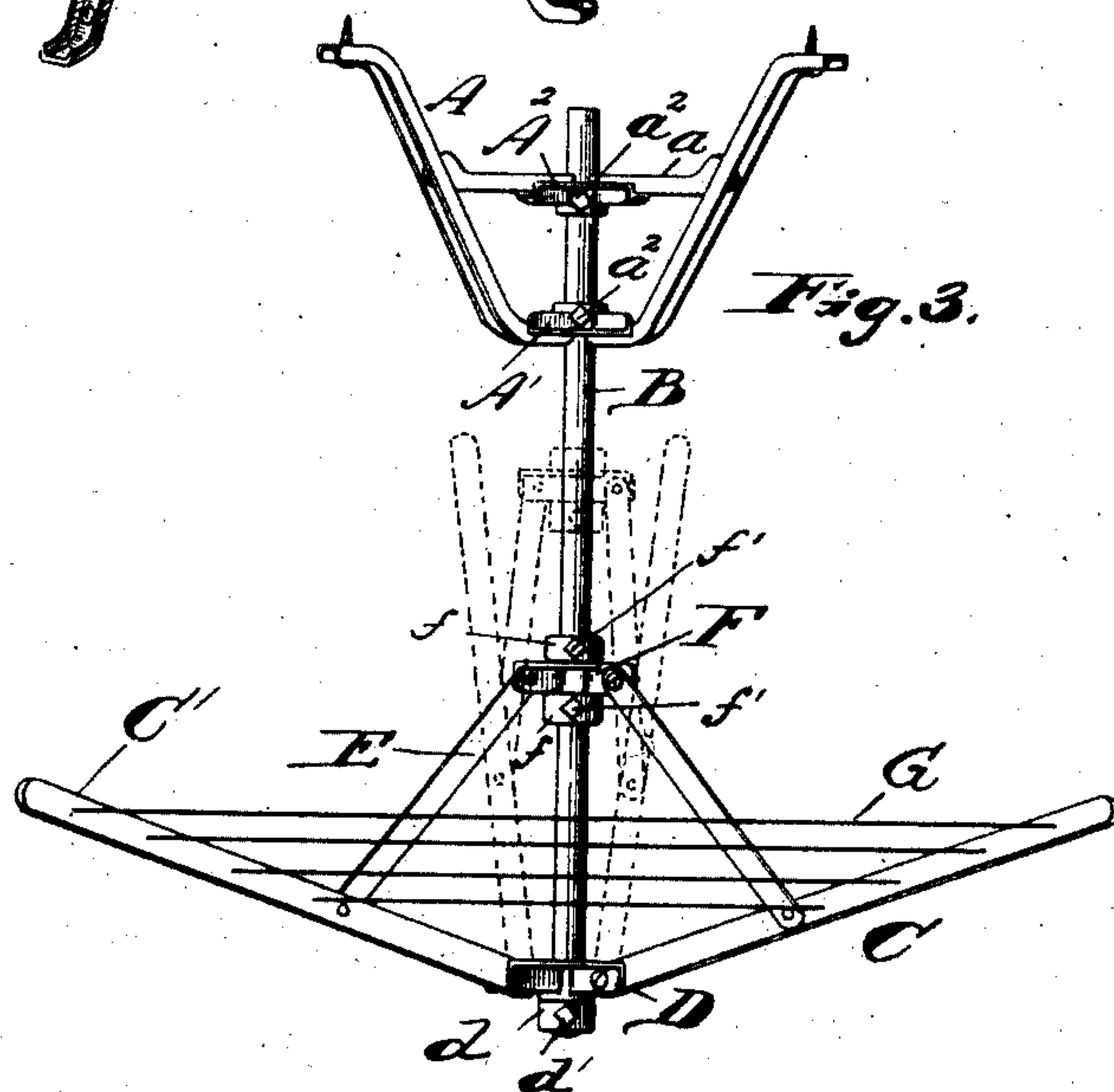
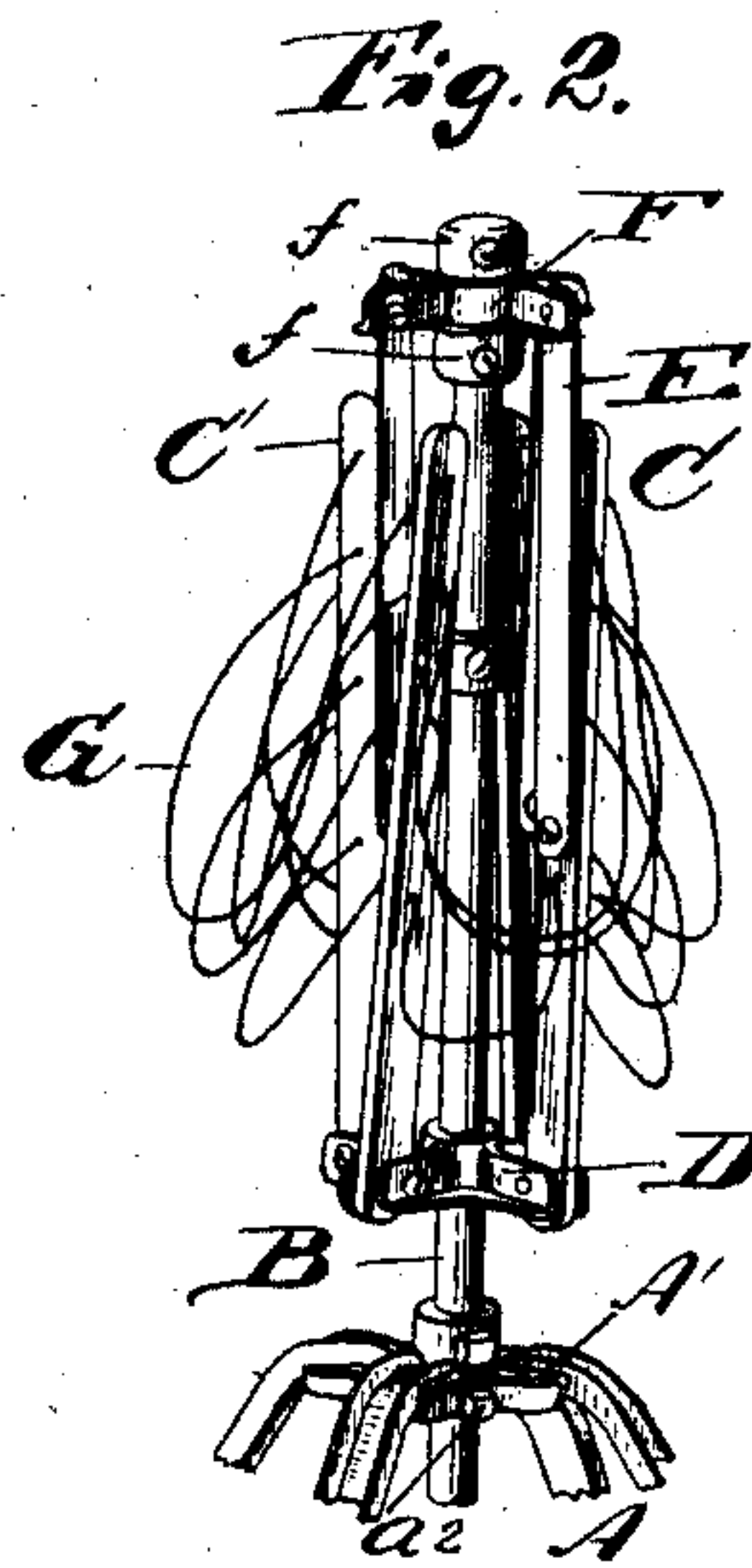
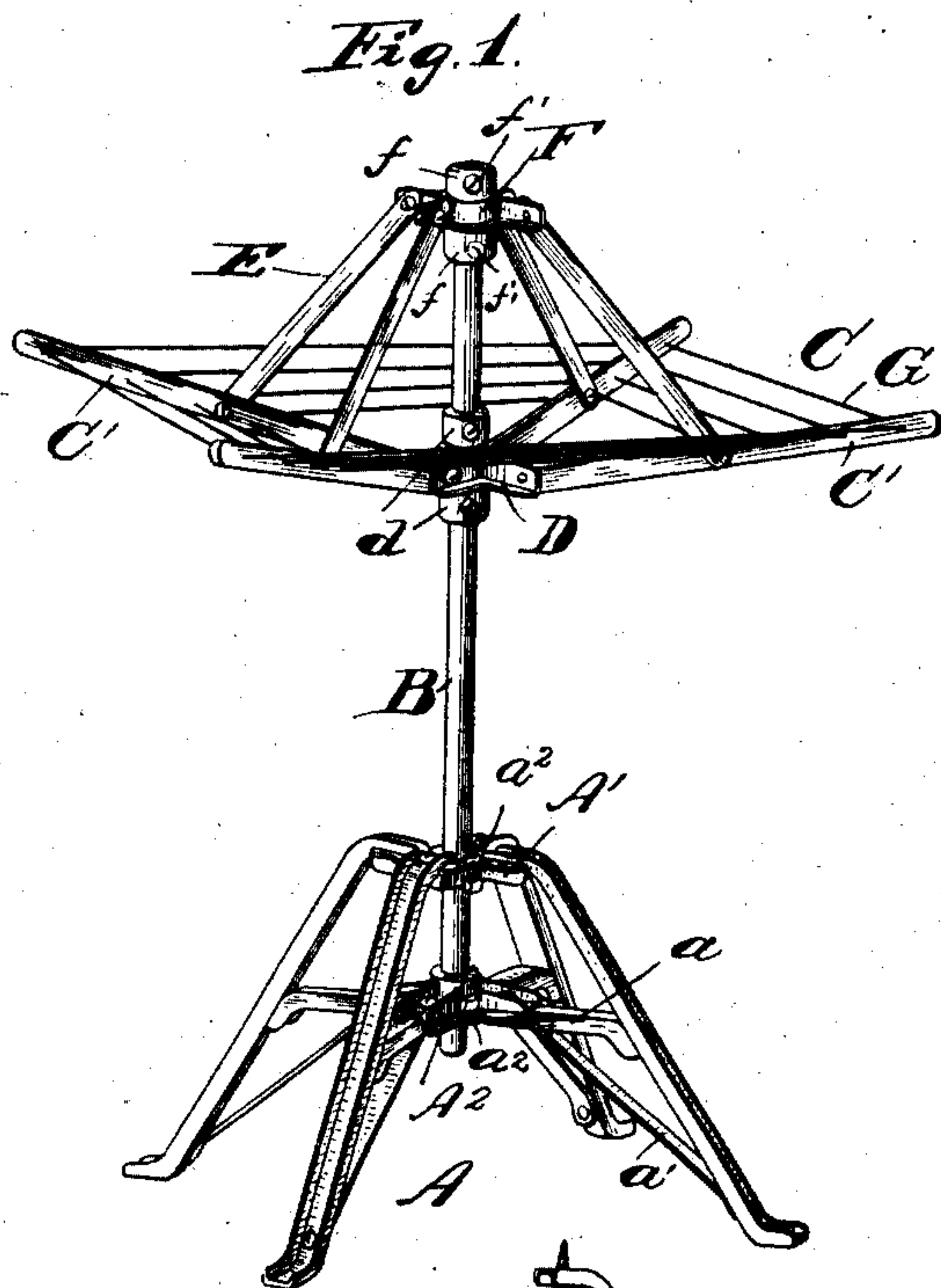


No. 883,162.

PATENTED MAR. 31, 1908.

A. BAECKER.  
CLOTHES DRIER.  
APPLICATION FILED APR. 19, 1907.



Inventor

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Witnesses

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By

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# UNITED STATES PATENT OFFICE.

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## CLOTHES-DRIER.

No. 883,162.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed April 19, 1907. Serial No. 369,076.

*To all whom it may concern:*

Be it known that I, ALFRED BAECKER, citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Clothes - Driers, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in clothes driers shown in the accompanying drawing and more particularly pointed out in the following specification and claims.

In the drawings: Figure 1 is a perspective view of the drier open ready for use. Fig. 2 is a perspective view of the drier closed with parts broken away. Fig. 3 is a side elevation showing the drier adapted for attachment to the ceiling of a porch or other framework.

The object of this invention is to form a clothes drier of simple but strong construction so arranged that it may be secured to the ceiling or rest on the floor as found most convenient, the arrangement being such that the projecting framework from which the clothes are hung may be closed against the central supporting post, thus materially reducing the space occupied by the drier when not in use. Provision is also made for adjusting the altitude of the clothes supporting frame as required.

Referring to the letters of reference shown in the drawings, A is a supporting structure which is adapted to be used as a pedestal or base when the improved device is to be supported upon a floor, as shown in Fig. 1, or as a hanger when the improved device is to be suspended from a ceiling, as shown in Fig. 3. The structure A is preferably formed with converging legs of channel iron coupled to a central hub A' and connected intermediate the ends by transverse braces a, the latter in turn connected at their inner ends to a hub A<sup>2</sup>.

B is a central upright or post movably disposed through the hubs A' and A<sup>2</sup> and to which they are adjustably secured by set screws a<sup>2</sup>.

Slidably disposed upon the upright or post B are a plurality of collars arranged in pairs, one pair indicated at f—f and another pair

indicated at d, the collars f provided with set screws f' and the collars d provided with similar set screws d' so that the collars may be adjusted upon the post B.

Mounted for rotation upon the post B are two frames D—F, and adapted to be disposed respectively between the pairs of collars f—f and d—d, the frame D having swingingly connected thereto arms C', and swingingly connected at one end to the frame F are braces E, the other ends of the braces being swingingly connected to the arms C' intermediate their ends, as shown. For the purpose of illustration four of the arms C' are shown and four of the corresponding braces E, but it will be understood that any required number may be employed.

G are the clothes supporting wires which may be threaded through holes provided for their passage in the arms C' or they may be stapled thereto if desired.

As shown in Fig. 2 and in 3 the arms C' may be folded against the central post when not in use, being held in their closed position by setting the collars f as shown by the dotted lines in the last named figure.

The altitude of the drier may be regulated by loosening the set screws a<sup>2</sup> when the central post B may be raised or lowered as desired.

When the device is to be supported upon a floor as shown in Fig. 1, the rotating frame B will be disposed between the collars d—d and the frame F likewise disposed between the collars f—f. When the device is to be collapsed the lower collar d is loosened by releasing its set screw d', and the frame B permitted to move downwardly upon the standard, this action enabling the arms and braces to fold, as shown in Fig. 2.

When the device is to be suspended from a ceiling or from an over-head support, the collars f—f and one of the collars d are released and the frames D—F, together with their attached arms and braces and the released collars, are removed. The supporting structure A is then attached to the ceiling or over-head support by screws or other devices passed through the foot portion of its legs, as indicated in Fig. 3, with the standard B pointing downwardly. The frames F—D, with their attached ears and braces are passed over the standard B with the frame F bearing against the collar d which has not been removed from the standard, the released col-



lar  $f$  and one of the released collars  $d$  being passed over the standard before the frame D is passed over the standard. The other released collar  $f$  is then placed in position and its set screw  $f'$  "set up", which secures the clothes supporting reel in position, as shown in Fig. 3.

To release the reel and enable it to be collapsed when arranged as in Fig. 3, the collars  $f-f$  are released, which will enable the arms and braces to be inter-folded, as indicated by dotted lines in Fig. 3, and by operating the set screw of the lowermost of the collars  $f$  the reel may be retained in its folded position, as will be obvious.

By this arrangement it will be noted that a very simply constructed and convenient device is produced, which may be employed in any required locality and supported upon a floor or other stationary support or suspended from a ceiling or other overhead support, and without changing the structure of the device.

Having thus described my invention, what I claim is:—

In a clothes drier, a supporting structure comprising a head having a transverse guide

way and with radially disposed bars extending at an angle to the transverse plane of the head, a guide member having a guide way in alinement with the guide way of the head and with radial bars connected at their free ends with the angularly disposed bars of the head, a standard movably engaging the guide ways of said head and guide member, means for adjustably connecting said standard to said head and guide member, a plurality of collars arranged in pairs and movably disposed upon said standard, means for adjustably connecting said collars to said standard, two frames rotative upon said standard respectively between said pairs of collars and supported thereby, clothes line carrying arms swingingly supported by one of said frames, and a plurality of braces swingingly connected at one end to the other frame and pivoted at their free ends to said clothes line carrying bars.

In testimony whereof, I sign this specification in the presence of two witnesses.

ALFRED BAECKER.

Witnesses:

SAMUEL E. THOMAS,  
GRACE E. WYNKOOP.