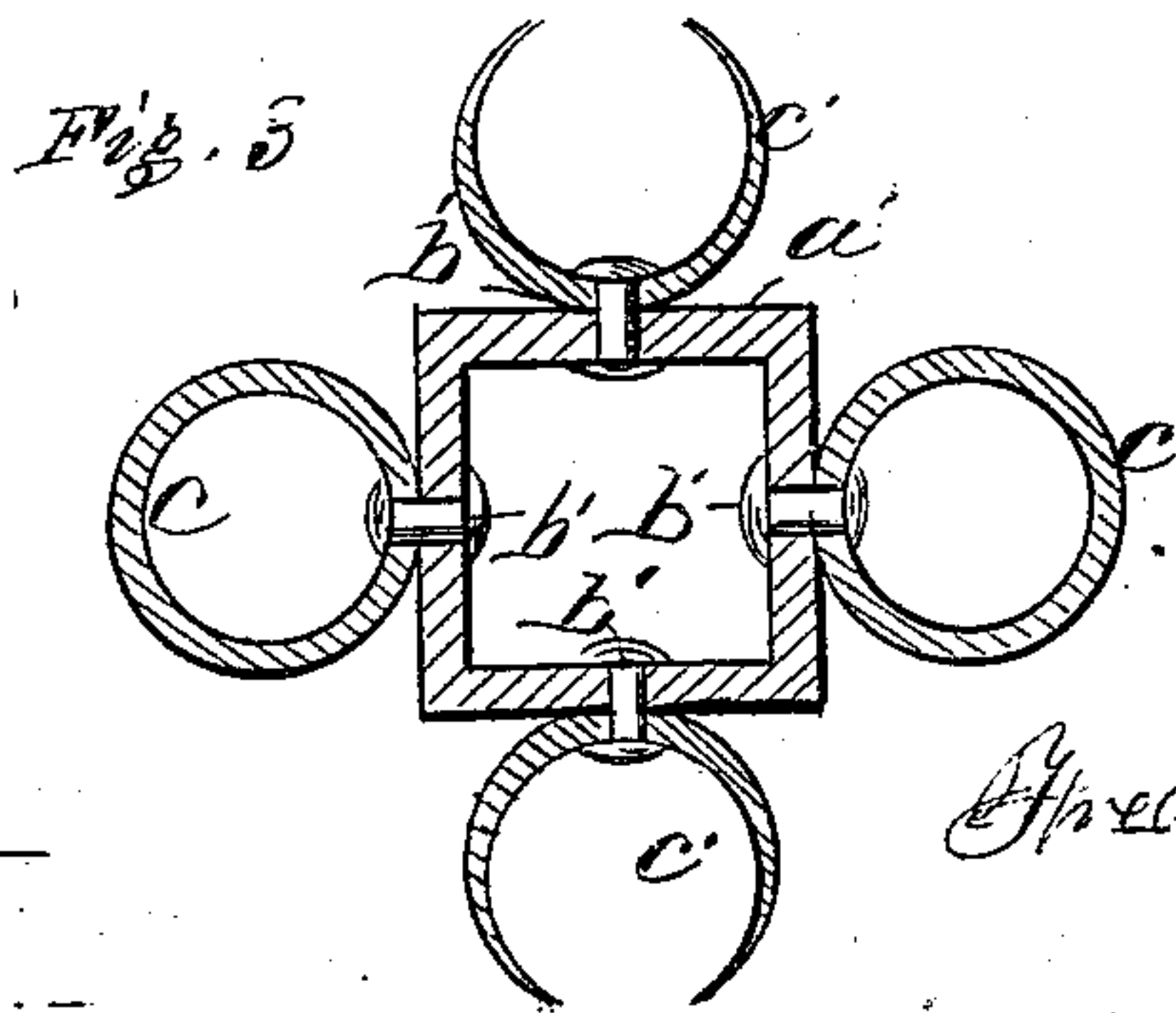
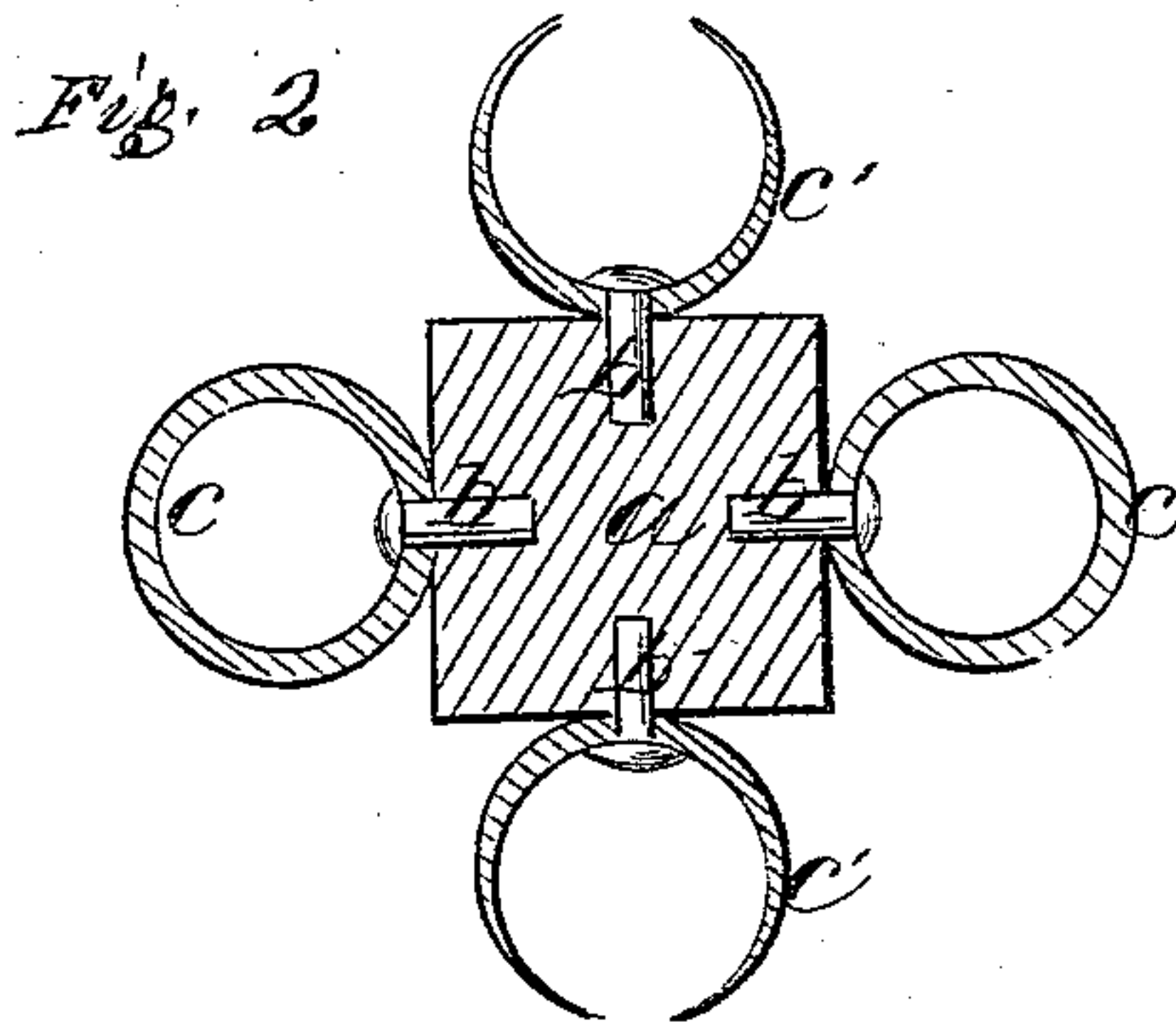
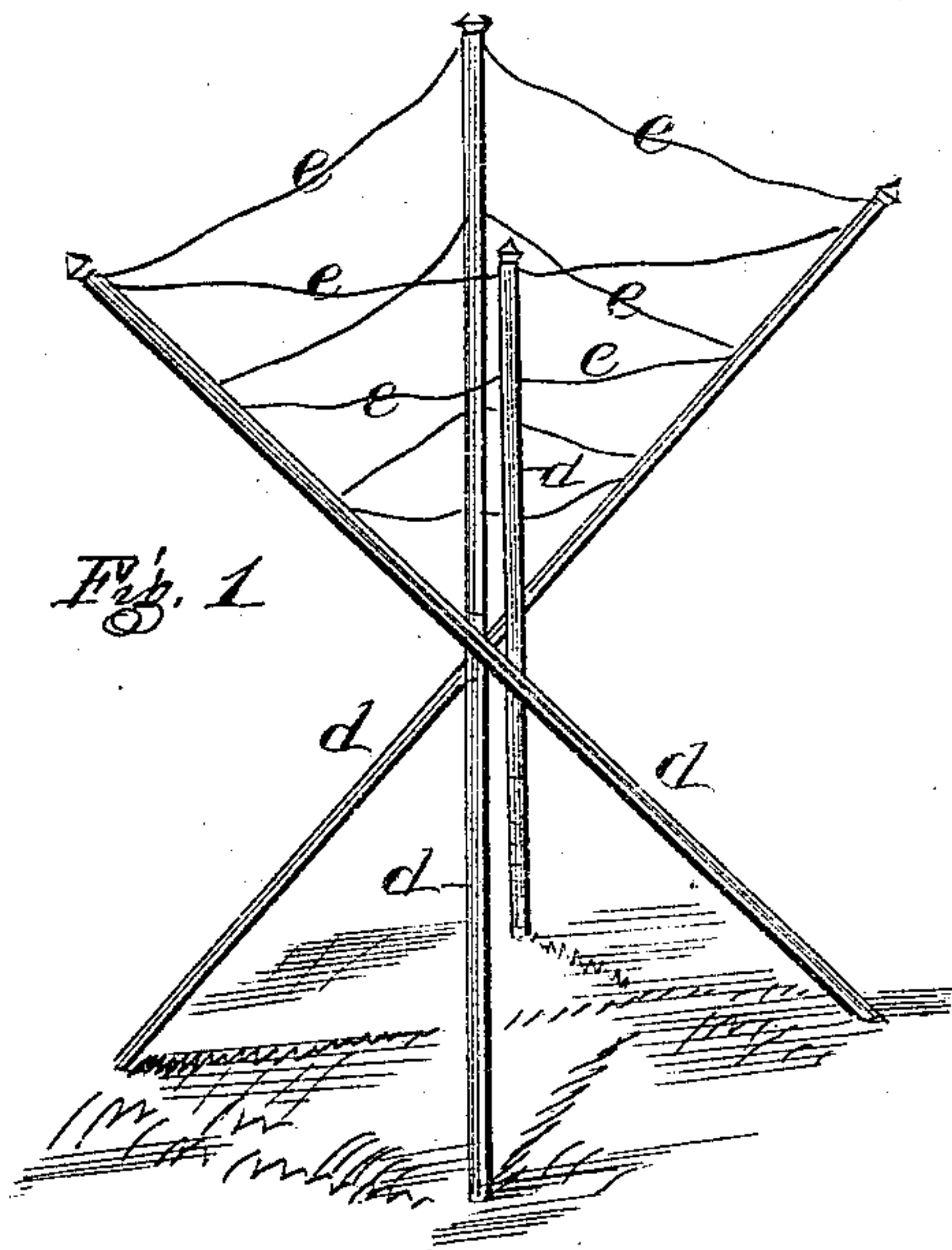


*F. R. Butler,*

*Clothes Frame.*

*No. 94,182.*

*Patented Aug 31, 1869.*



*Witnesses.*  
*E. B. Bliss,*  
*J. W. Bliss*

*Inventor.*  
*Frederick R. Butler*

# United States Patent Office.

FREDERICK R. BUTLER, OF ROCKY HILL, CONNECTICUT, ASSIGNOR  
TO HIMSELF AND LEONARD R. WELLES.

*Letters Patent No. 94,182, dated August 31, 1869.*

## IMPROVED CLOTHES-DRIER.

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, FREDERICK R. BUTLER, of Rocky Hill, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Clothes-Frames; and to enable others skilled in the art to make and use the same, I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention consists of a hollow hub, having orifices for the reception of rivets, for securing swivel-clips thereto, by means of pins or rivets, the object of which is to receive and hold the supporting-rods, and allow them to open or close at will; and farther, to furnish a cheap, efficient, and durable frame, that will not be liable to get broken or out of usable repair, and that may be folded with the clothes upon the lines, and all taken up together.

In the accompanying drawings—

Figure 1 is a perspective elevation.

Figures 2 and 3 are sectional views of joints, such as are proposed to be used in the manufacture of these frames.

*a* is a solid hub, having the pins *b* secured in the body thereof.

*a'* is a hollow hub having orifices through which the pins *b'* are inserted.

*c* are rings, perforated on one side to receive one end of the pins or rivets *b*.

*c'* are clips, also perforated, to receive the end of the rivets *b'*, after which the ends of said rivets are headed, so as to allow the rings or clips to swivel upon the pins or rivets.

*d* are supporting-rods, which are secured about the middle of their length in the rings or clips, and the line or lines *e* are arranged to the upper ends or portions of these rods, and generally so that the line when in one piece will adjust itself to the unequal distances that may exist between each rod.

The great advantages of this invention consist in so constructing a clothes-frame, that there can be no liability of breaking, and so that it can be left out of doors, or folded compactly and laid one side, and so that the line will always be kept taut by the expansion of the lower end of its supporting-rods.

I believe I have thus described the nature, construction, and advantages of this invention, so as to enable others skilled in the art to make and use the same therefrom.

I claim the hollow hub *a'*, clips *c c'*, rivets *b'*, with the rods *d* and cord *e*, substantially as and for the purpose described.

FREDERICK R. BUTLER. [L. s.]

Witnesses:

E. W. BLISS,

J. W. BLISS.