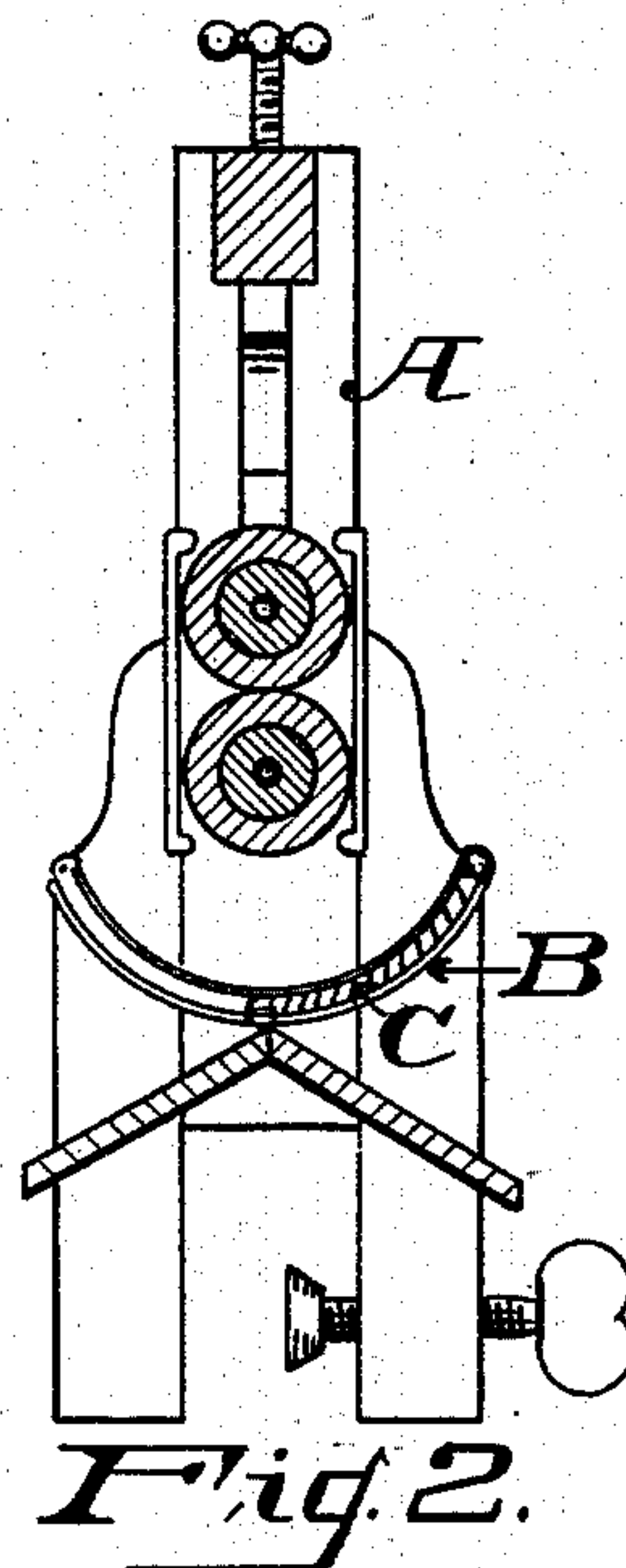
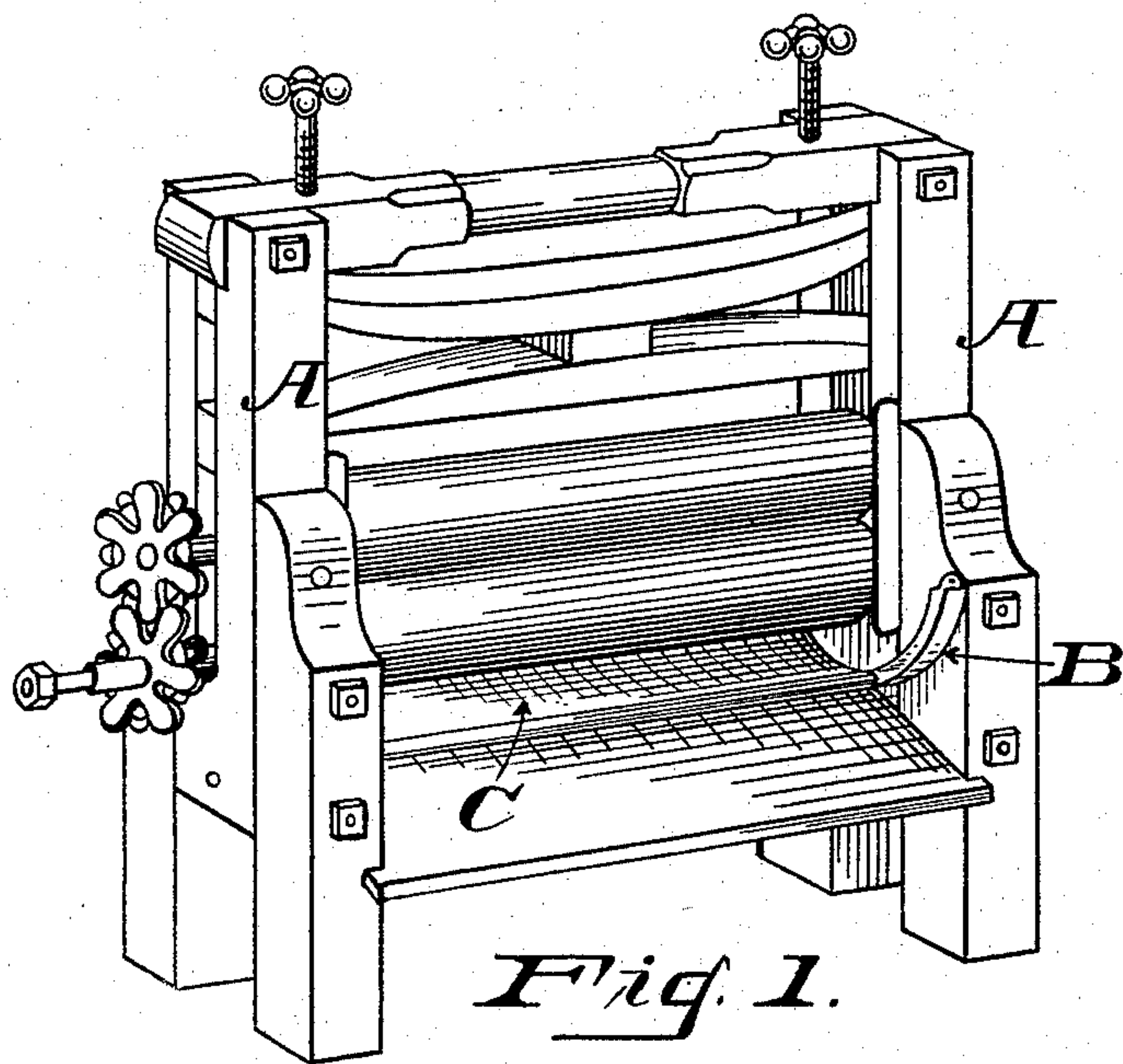
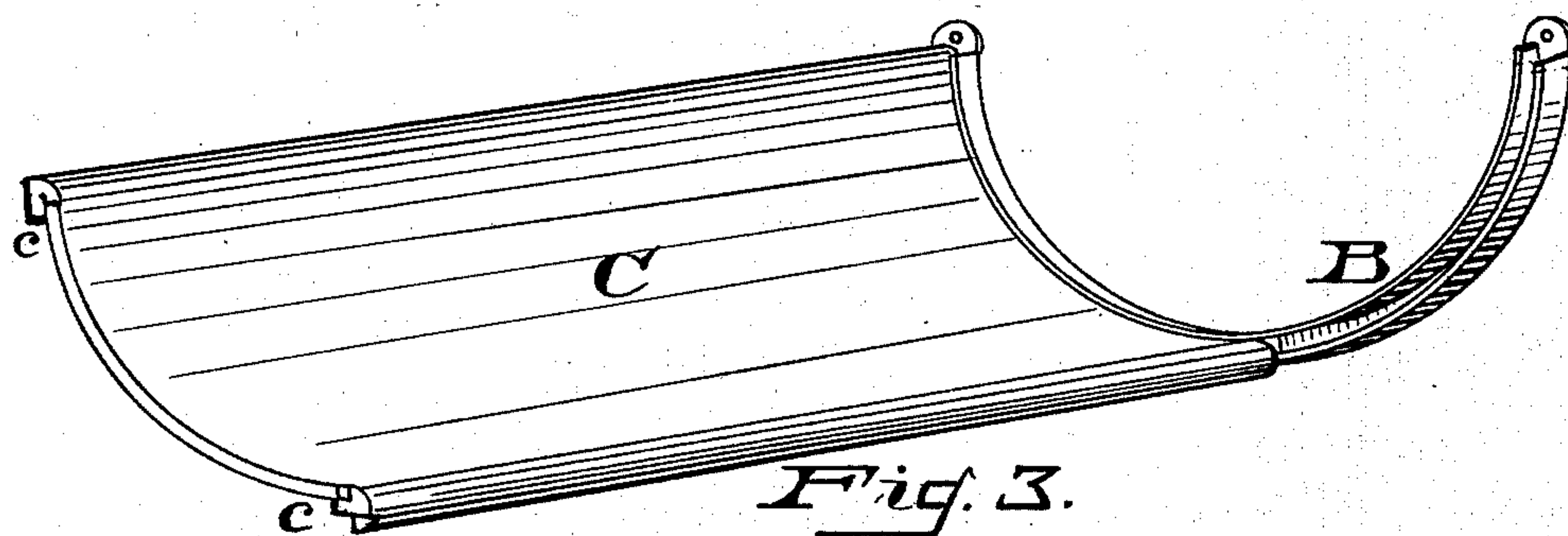


(No Model.)

L. C. PARKER.
WRINGER.

No. 413,543.

Patented Oct. 22, 1889.



Witness.

Geo. B. Tibbitts
E. A. Tibbitts.

Inventor,
Lewis C. Parker,
By his Attorney Geo. W. Tibbitts.

UNITED STATES PATENT OFFICE.

LEWIS CASS PARKER, OF CINCINNATI, OHIO, ASSIGNOR TO THE PEERLESS WRINGER AND MANUFACTURING COMPANY, OF SAME PLACE.

WRINGER.

SPECIFICATION forming part of Letters Patent No. 413,543, dated October 22, 1889.

Application filed March 13, 1889. Serial No. 303,182. (No model.)

To all whom it may concern:

Be it known that I, LEWIS CASS PARKER, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Wringers, of which the following is a specification.

My invention pertains to clothes-wringers; and it consists in the combination, with the rollers of a wringer, of a curved apron adjustably fixed beneath the rollers in the posts of the frame, whereby the apron may be shifted to direct the water expressed by the roller to be discharged on either side of the wringer, substantially as hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of a wringer having my improved adjustable apron attached. Fig. 2 is a vertical section of a wringer, showing the location and manner of attaching the apron. Fig. 3 is a detached view of the apron.

A A represent the posts of a wringer. To the inside surfaces of said posts and beneath the roller I attach semicircular grooved guides B B.

C is a curved plate or shield, the ends of which are fitted to rest in and slide in said

grooved guides B B. The width of this plate is about half of the length of the guides, so that the plate may be shifted in them for the purpose of moving said plate upward to the limit of the guides at one side or the other, so as to catch the water from the roller and direct it to run downward into the side of the tub from which the clothing is being wrung. The side edges of the plate C are beaded and have notches *c c* at the corners, by which the plate may catch and hang upon the ends of the curved guides for holding it up in position, as shown. The plate is readily released from said catches for shifting from one side to the other.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

In a wringer, the combination, with the posts A A, of circular grooved guides B B and a curved apron C, having the notches *c c* at the corners, and arranged to operate substantially as and for the purpose specified.

LEWIS CASS PARKER.

Witnesses:

HARLAN CLEVELAND,
B. E. DILLEY.