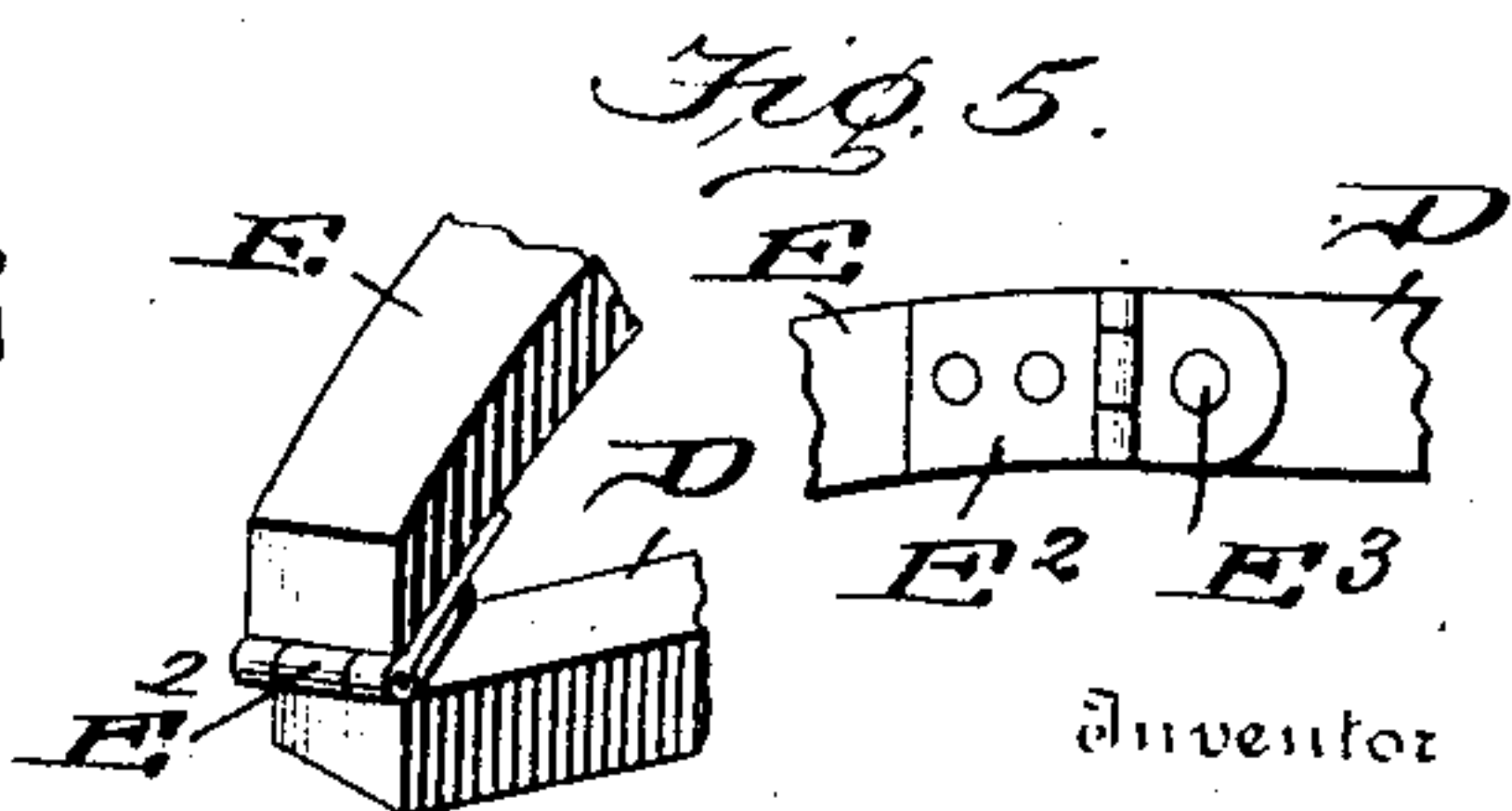
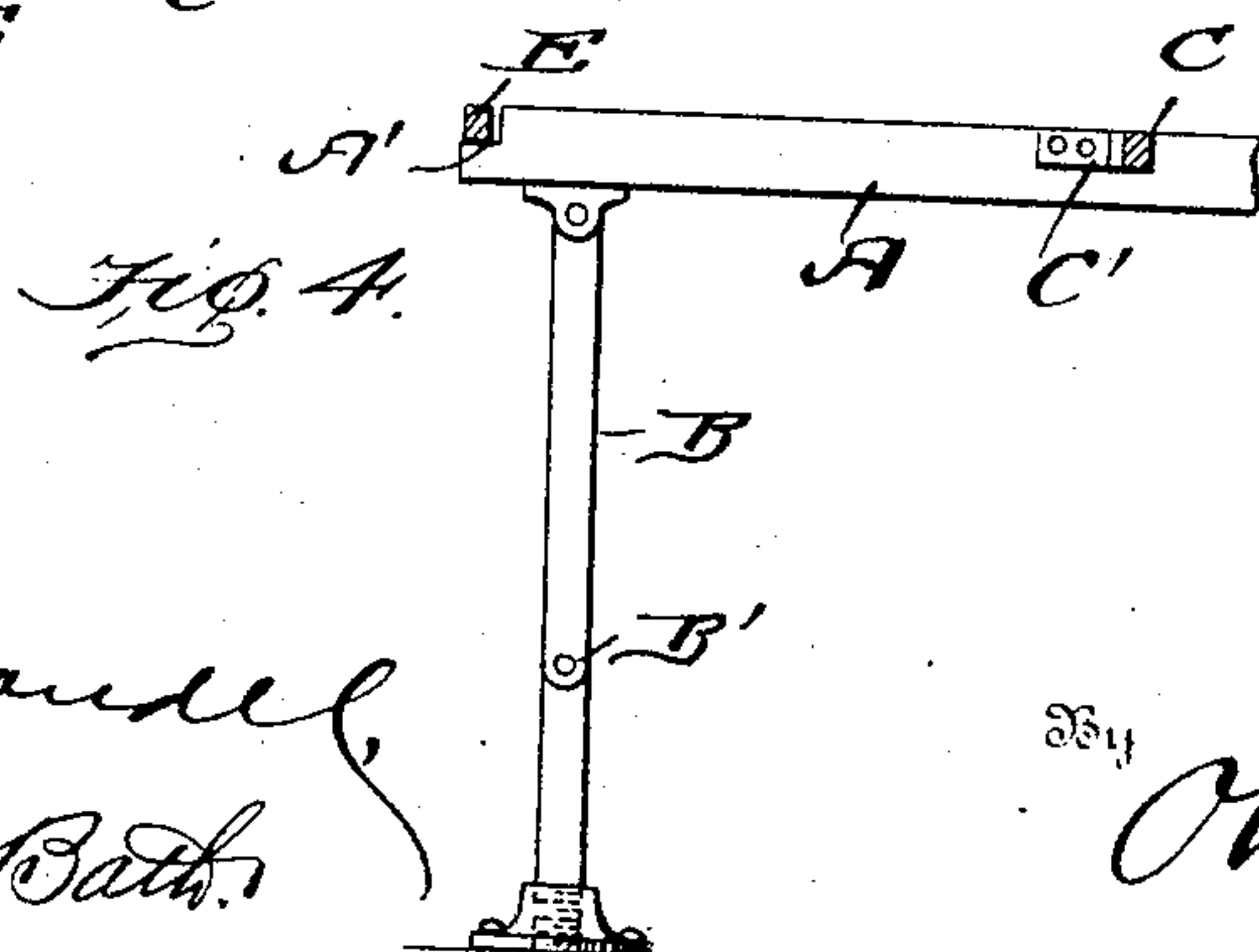
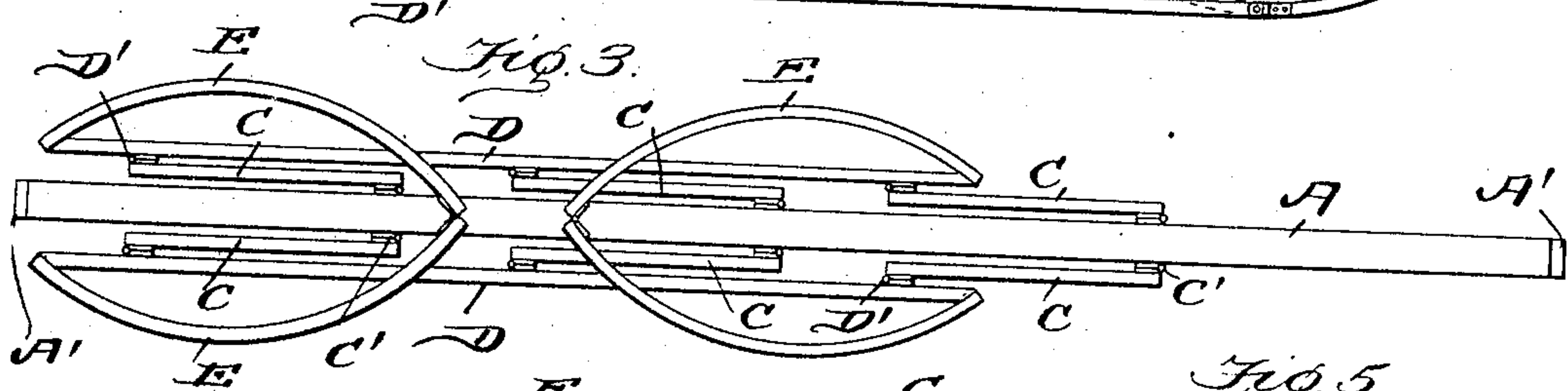
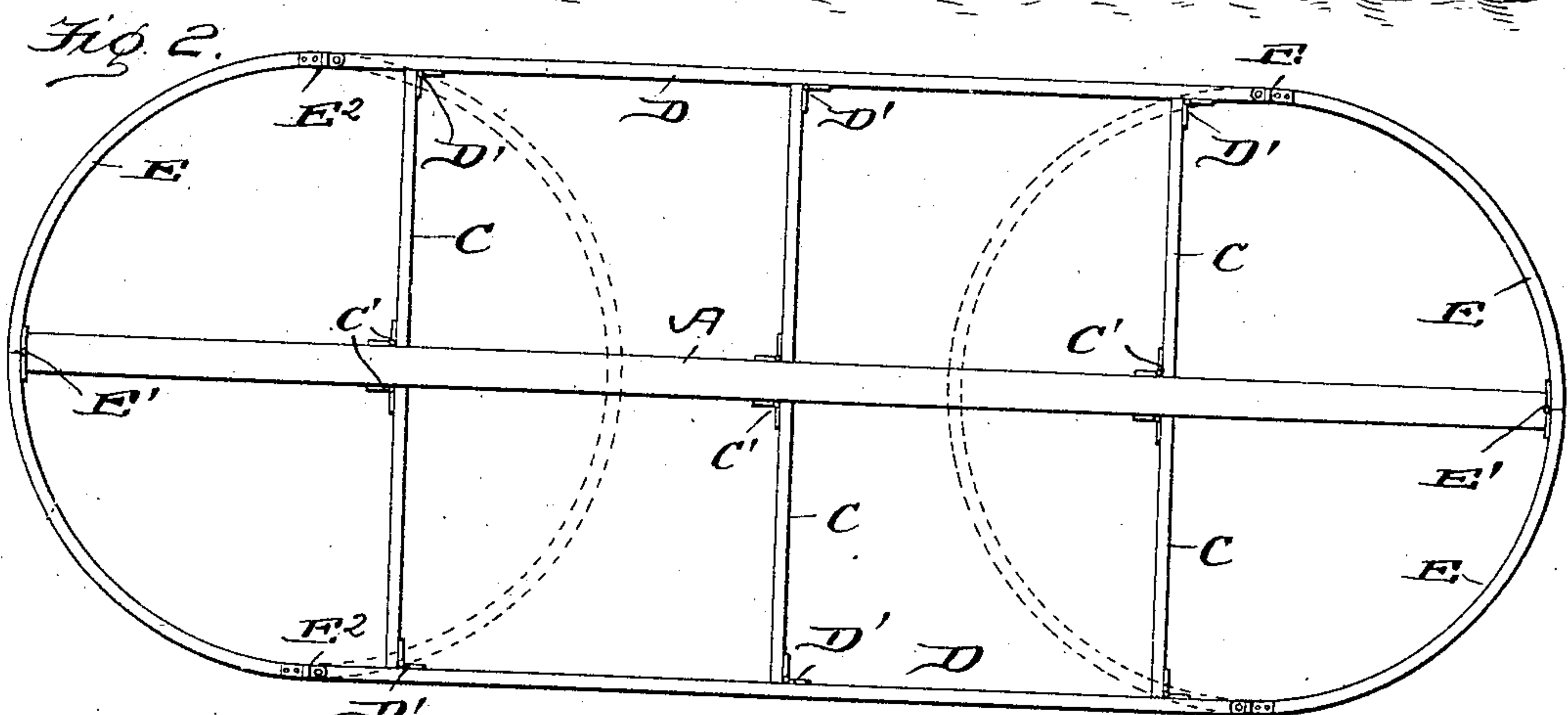
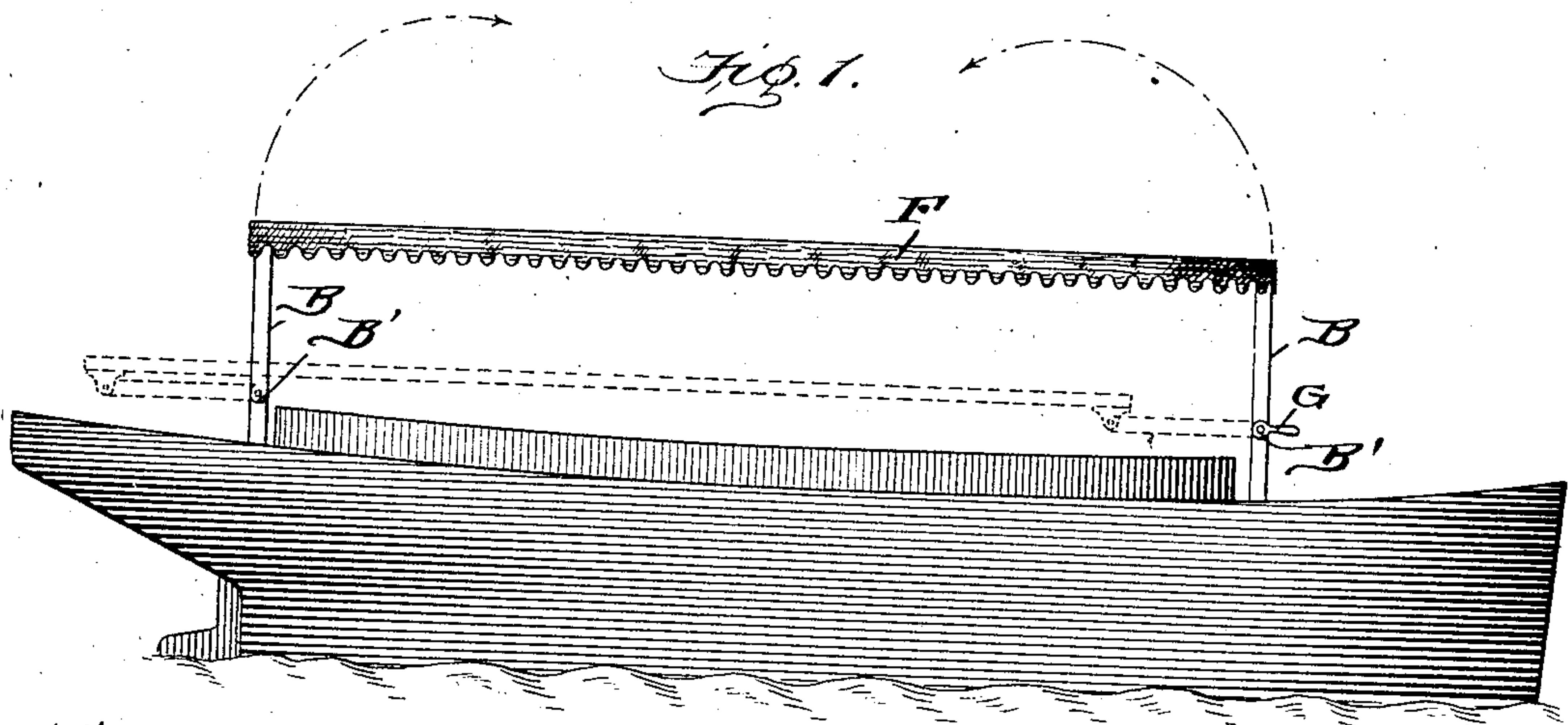


No. 785,915.

PATENTED MAR. 28, 1905.

J. A. POLTOCK.
FOLDING AWNING AND FRAME.
APPLICATION FILED JUNE 1, 1904.



Witnesses
M. D. Blauvelt
E. B. McBath

J. A. Poltock.
By *Marshall Brock*
Attorney

UNITED STATES PATENT OFFICE.

JOHN A. POLTOCK, OF EAST RUTHERFORD, NEW JERSEY.

FOLDING AWNING AND FRAME.

SPECIFICATION forming part of Letters Patent No. 785,915, dated March 28, 1905.

Application filed June 1, 1904. Serial No. 210,707.

To all whom it may concern:

Be it known that I, JOHN A. POLTOCK, a citizen of the United States, residing at East Rutherford, in the county of Bergen and State of New Jersey, have invented a new and useful Improvement in Folding Awnings and Frames, of which the following is a specification.

This invention relates to an awning and frame especially adapted for use with launches and other types of boats, though not limited to such use.

The object of the invention is a folding frame carrying an awning which can be quickly and easily lowered in passing under bridges, which when folded will lie longitudinally along the center of the boat, and which when lowered temporarily to permit passage of the boat under a bridge or similar obstruction will not rest upon the heads of the passengers or crew of the boat.

With these objects in view my invention consists of a frame having a center bar extending centrally and longitudinally with respect to the boat and having arms hinged to either side, of parallel bars supported by and hinged to the arms, and end segments hinged to the ends of the arms and adapted to fold back upon the center bar, each segment comprising two sections hinged together.

The invention also consists in the novel features of construction hereinafter described, particularly pointed out in the claims, and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a boat equipped with my awning and frame. Fig. 2 is a plan view of the frame. Fig. 3 is a plan view showing the frame folded. Fig. 4 is a detail elevation showing the manner of connecting the center bar to the standards, parts being in section. Fig. 5 represents detail fragmentary views showing the manner of hinging and pivoting the ends of the segments to the ends of the parallel outer bars.

In the drawings above referred to, A represents the center bar reduced at A' by cutting away a portion of the ends. The center bar A is supported adjacent each end by a sectional standard B, the sections being pivoted at B', and the upper section is pivotally secured

to the center bar A, so that the standards may be folded and the center bar A lowered along the longitudinal center line of the boat, as shown by the dotted lines in Fig. 1. Arms C are hinged to the center bar A, the same number being employed on each side of the bar and hinged to the bar, as at C', to fold upon the bar. To the outer ends of the arms C are hinged parallel bars D, the hinges D' being arranged upon the sides of the arms C opposite to the sides on which the hinges C' are secured. The rear ends of the bars D are connected by a segmental bar E, and the forward ends of the bars D are connected by a similar segmental bar E. The bars E are of two sections, each section forming an arc of ninety degrees, and the sections are hinged together, as shown at E'. The bars E are hinged to the parallel bars D so that they will fold upwardly and back on the frame, the hinge E² being secured to the upper edge of the end of the bar D, as shown in the perspective detail view in Fig. 5, and the hinge-leaf is also pivoted to upper face of the bar D, as shown at E³. This combination hinge and pivot construction is similar at each end of each of the bars D.

The awning when fully outstretched extends the entire length of the frame or from end to end of the center bar A, it being understood that a suitable covering of flexible and preferably waterproof material is stretched upon the frame, as shown at F. The awning may be shortened by throwing back the segmental bars E, as shown by the dotted lines in Fig. 2. When fully outstretched, the segmental bars E rest on the reduced portions A' of the center bar A. After the segmental bars E have been thrown into the positions shown in the dotted lines in Fig. 2 all the hinged parts, including the sections forming the segmental bars E, may be folded upon the center bar A, and should it be desirable or necessary to lower the awning to enable the boat to pass under a bridge or other obstruction the entire frame may be lowered along the longitudinal center line of the boat, as shown by the dotted lines in Fig. 1. A hand-nut G serves to tighten the joint of the forward standard B and lock the standards in an upright position.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. An awning-frame comprising a center bar, arms hinged thereto, bars hinged to the
5 arms, and sectional, segmental bars hinged together and hinged to the parallel bars.
2. A device of the kind described comprising sectional, foldable standards, a center bar
10 pivoted to the said standards, arms pivoted to each side of the center bar, parallel bars hinged

to the outer ends of the arms, segmental bars formed in sections, hinges connecting the sections of each bar, and hinges pivoted to the parallel bars and secured to the segmental bars, as and for the purpose set forth.

JOHN A. POLTOCK.

Witnesses:

CHAS. E. HENKELMAN,
L. ALBERT LANE.