

(No Model.)

W. H. WASHER.  
FOLDING TABLE.

No. 486,517.

Patented Nov. 22, 1892.

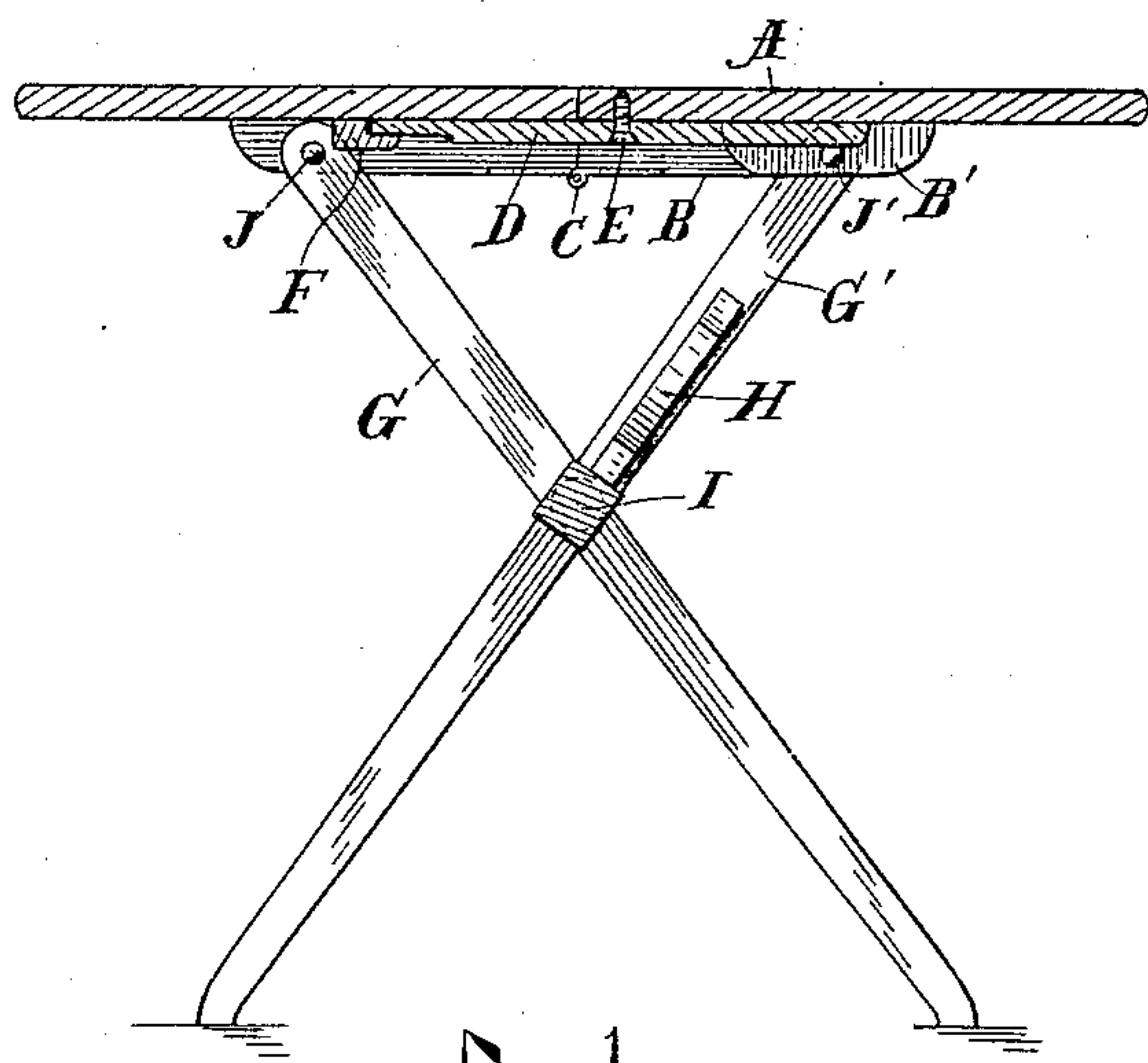


Fig. 1.

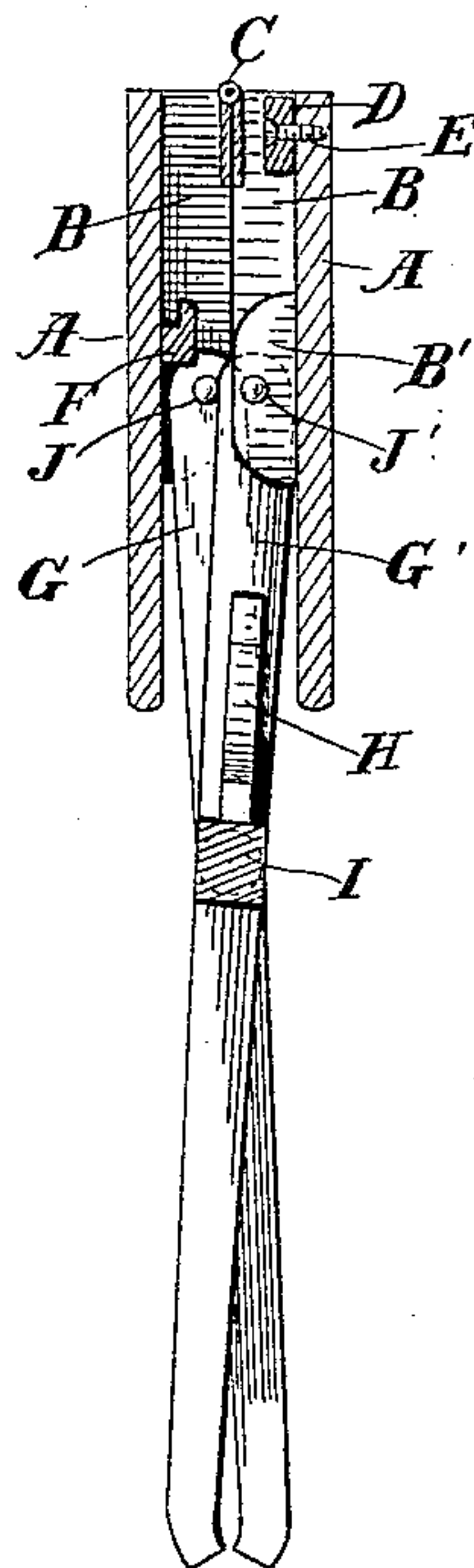


Fig. 2.

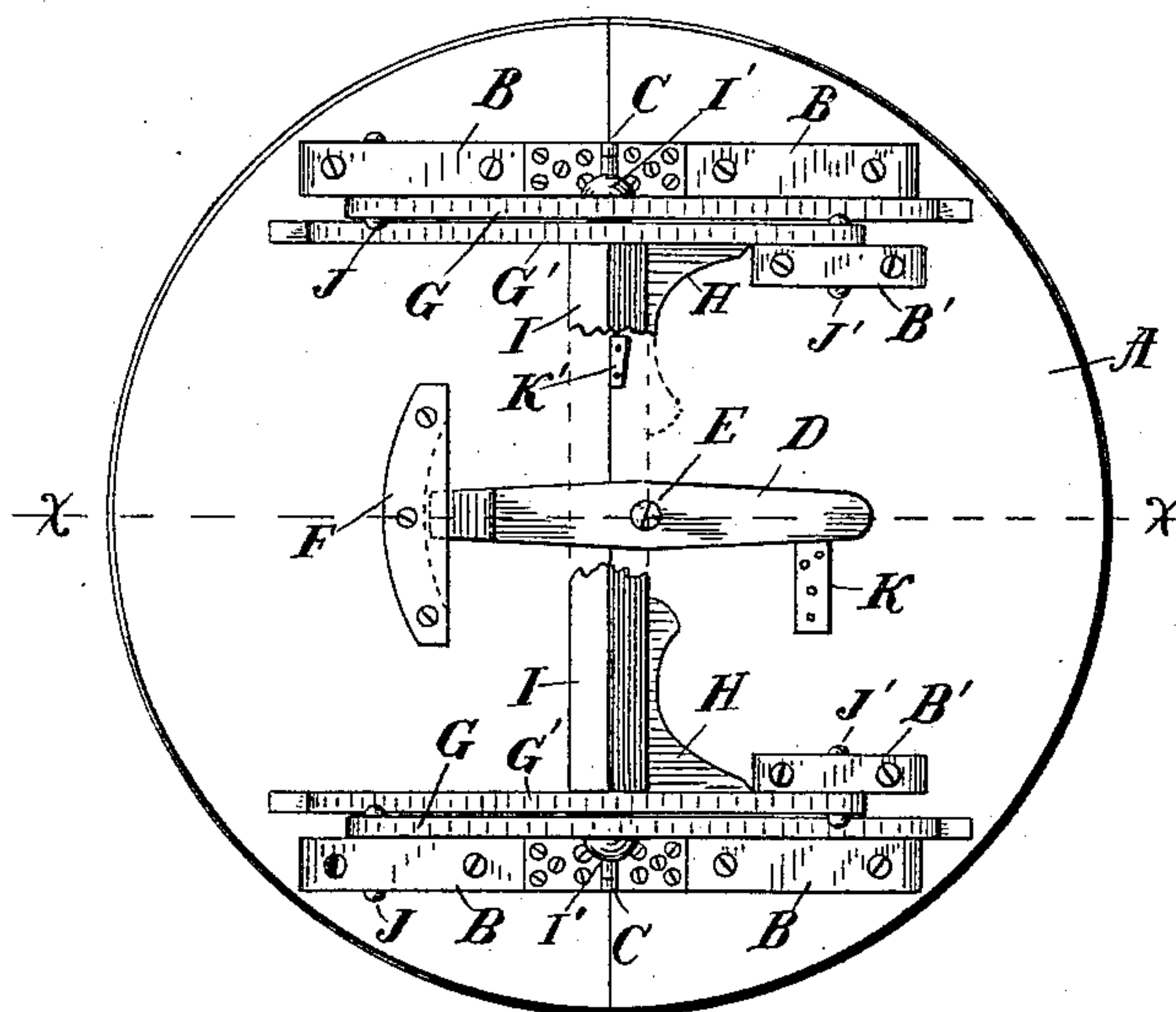


Fig. 3.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM H. WASHER, OF GRAND RAPIDS, MICHIGAN.

## FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 486,517, dated November 22, 1892.

Application filed May 29, 1891. Serial No. 394,563. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. WASHER, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Folding Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in folding tables; and its object is to provide such tables with certain new and useful features hereinafter more fully described, and particularly pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical section on the line  $x$  of Fig. 2; Fig. 2, an inverted plan view of a device embodying my invention; and Fig. 3, a vertical section of the same, showing the position of the parts when folded.

A is the top of the table, which may be circular, as shown, or square, as most convenient. Said top is divided in a right line through the middle and is provided with strips B B, secured to its under side near the opposite sides thereof. Said strips B B are also divided opposite the division of the top and connected at their lower sides by hinges C. Two pairs of crossed legs G and G' are provided, which are pivoted to each other at their intersection I', the outer ones G G being pivoted at their upper ends to the strips B B at J J and the inner ones G' G' also pivoted at their upper ends J' J' to blocks B' B', attached to the under side of said top. Said inner legs G' G' are also connected by a bar I, to the respective ends of which they are firmly attached, and are further maintained in parallel position by braces H in the angles between them and the bar I.

D is a bar attached to the under side of the table in contact with the same and pivoted near the center thereof at E and adapted to

turn in a horizontal plane upon said pivot, being limited in such movement by stops K and K' when in contact with the stop K at one end. The opposite end of said bar D engages a groove in the adjacent side of the block F, attached to the opposite half of the top A, and thus locks the two parts of said top in the same horizontal plane. When turned in contact with K', said bar D is parallel to the division in the top and entirely beneath the half of said top, to which it is attached. Said top can then be folded in the position shown in Fig. 2, being parallel vertical planes, the respective pairs of legs closing into nearly-parallel position, in which form the table takes but little room and can be readily stored or packed. It will also be observed that the hinge C is considerably below the upper surface of the table, which tends to strengthen the top and enable it to sustain heavy loads at the middle. So, also, the bar D, by engaging the groove in, further tends to the same end.

What I claim is—

The folding table herein described, consisting of the divided top having divided pairs of strips B B, secured to the under side of the top, said strips being divided in a line with the division-line of the top, blocks B' B', secured to the under side of one portion of the top to pivot one pair of legs G' G', the opposite pair of legs G G being pivoted to strips B B, said pairs of legs being crossed and pivoted to a bar I, having braces H, the stops K K', grooved block F, and the pivoted bar D, adapted to engage said block and stops when required, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. WASHER.

Witnesses:

DENNIS L. ROGERS,  
LUTHER V. MOULTON.