(No Model.) 2 Sheets—Sheet 1.

H. L. MORGAN.

FOLDING STOOL.

No. 549,457. Patented Nov. 5, 1895.

fig. 1.

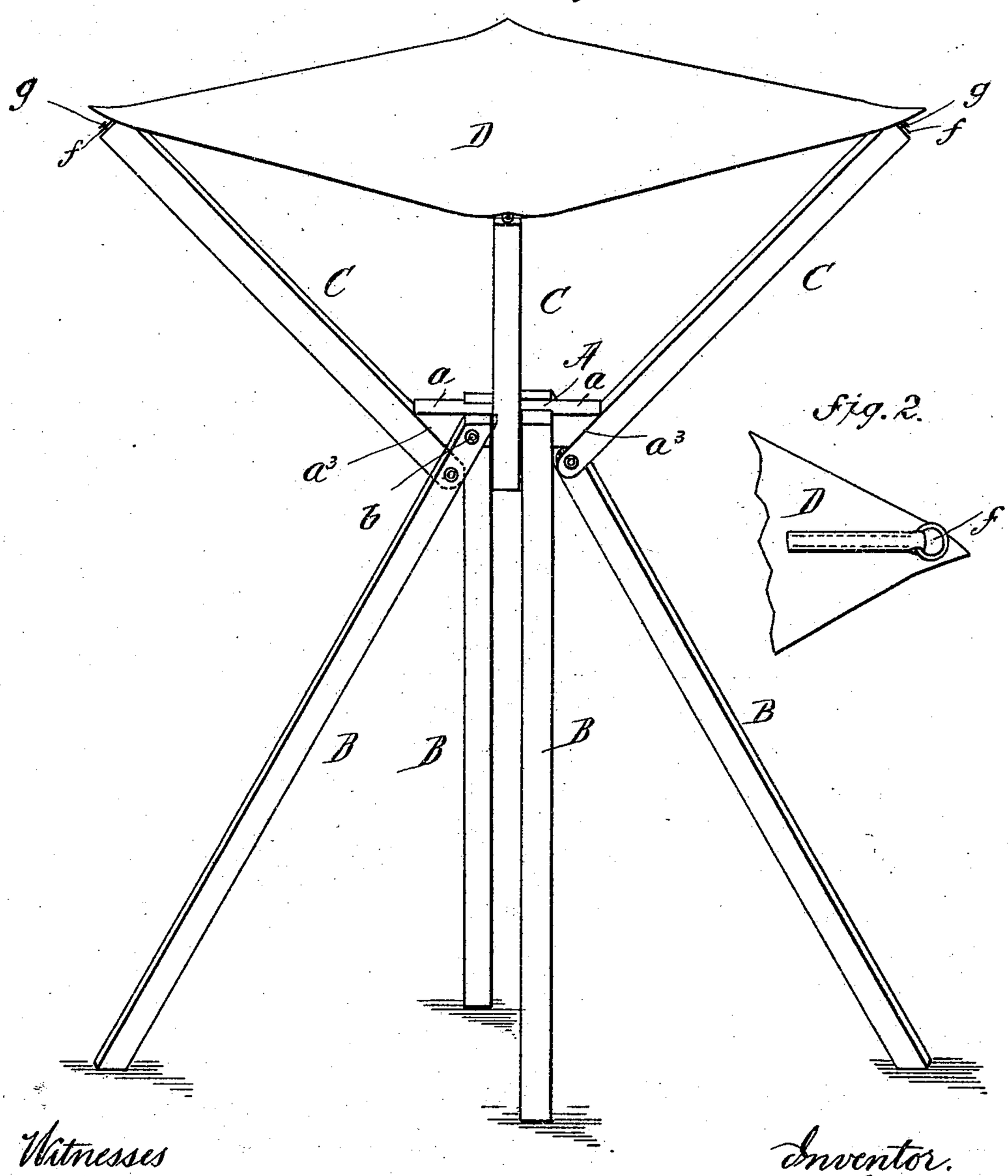

fig. 2.

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(No Model.) 2 Sheets—Sheet 2.

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Fig. 3.

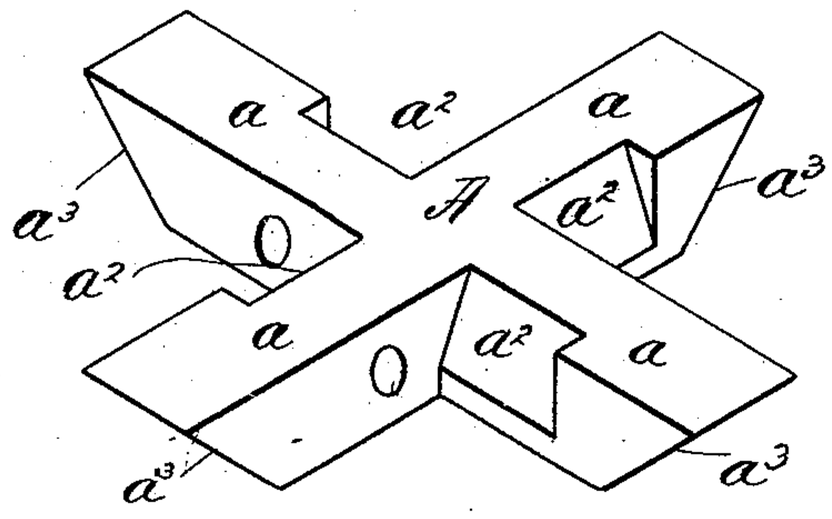


Fig. 5.

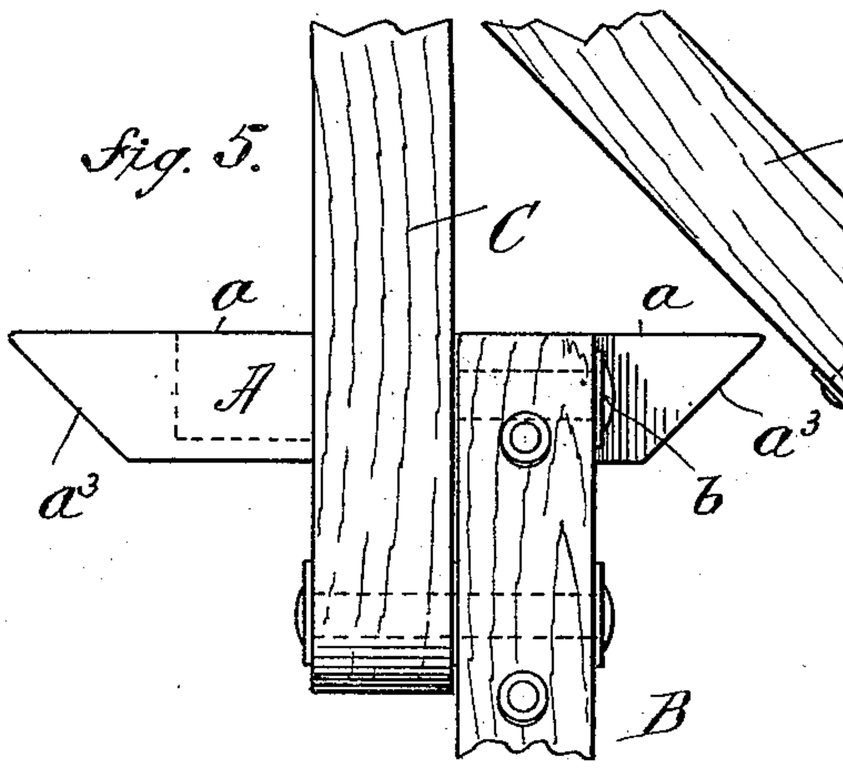


Fig. 4.

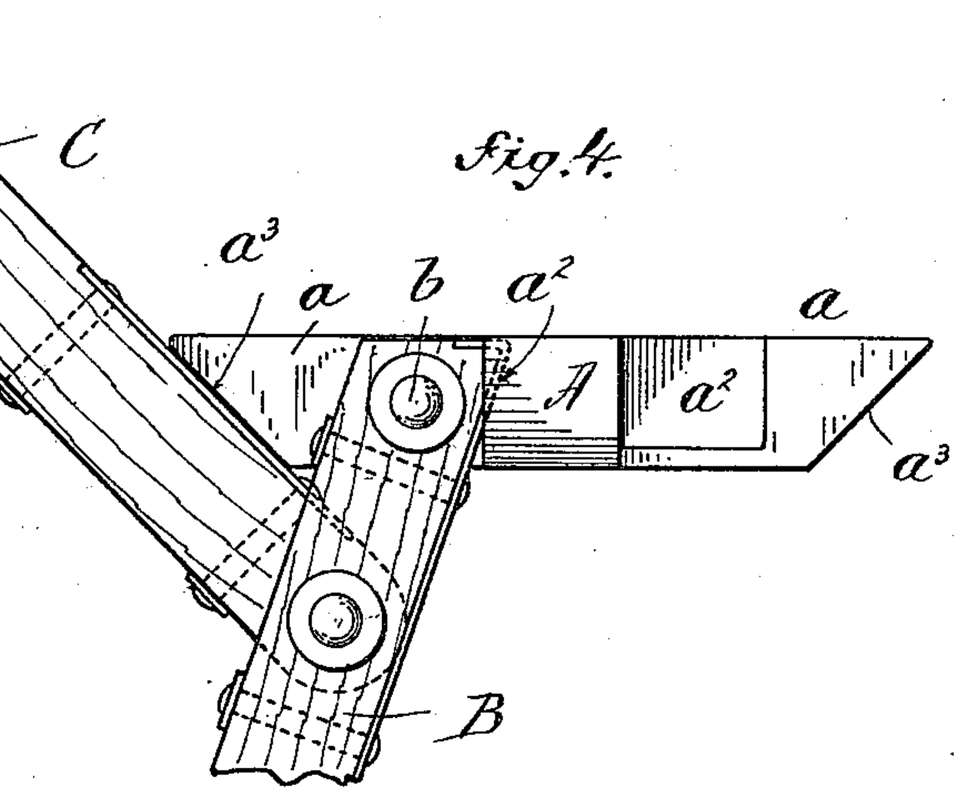
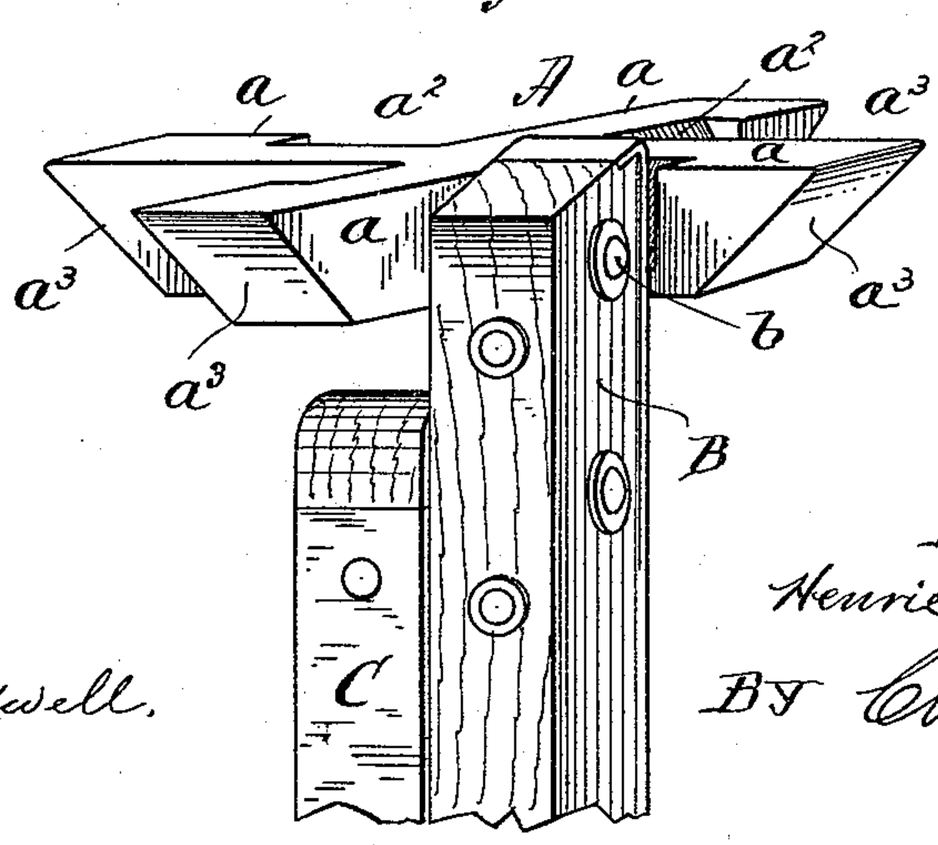


Fig. 6.



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UNITED STATES PATENT OFFICE.

HENRIE L. MORGAN, OF HOLYOKE, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO WILLIAM H. STEBBINS, OF SAME PLACE.

FOLDING STOOL.

SPECIFICATION forming part of Letters Patent No. 549,457, dated November 5, 1895.

Application filed April 10, 1895. Serial No. 545,145. (No model.)

To all whom it may concern:

Be it known that I, HENRIE L. MORGAN, a citizen of the United States, residing at Holyoke, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Folding Stools, of which the following is a specification.

The object of this invention is to produce a folding stool which shall be composed of a minimum number of parts, which shall be strong and light, and which shall be very inexpensive; and the invention consists in the combination of a central multiple-membered bracket, legs pivoted to the members of the bracket, arms pivoted to the legs and having limiting abutments against the ends of the bracket members, and the flexible seat detachably connected to the arms, all substantially as will hereinafter fully appear and be set forth in the claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a perspective view of the folding stool set up. Fig. 2 is a plan view of the under side of a corner portion of the seat. Fig. 3 is a perspective view of the central multi-membered central bracket. Fig. 4 is an elevation of the central bracket, showing one leg pivoted to one of the bracket members and showing one arm pivoted to the leg, said leg and arm being in the position which they occupy when the stool is set up. Fig. 5 is an elevation of the last-mentioned parts as seen at right angles to Fig. 4. Fig. 6 is a perspective view of the bracket with one of the legs connected to a bracket member and the arm which is pivotally connected to the leg, said pivotally-connected parts being shown as in their folded-up dispositions.

Similar characters of reference indicate corresponding parts in all of the views.

In the drawings, A represents the central bracket; B, the legs; C, the arms, and D the flexible seat. The bracket comprises the four members *a a a a*, each extending radially at right angles to the next, and each has its one side near the center of the bracket beveled upward and transversely to form the inclined rest a^2, and each bracket-arm has its end beveled upwardly and outwardly, as seen at a^3. Each leg B is by the pivot *b* connected to one side of a bracket member *a*, so that when it is swung in a plane parallel to the length of the arm it will have its edge next to its end brought to an abutment and seat against said inclined rest a^2. The pivoting of the leg on the one bracket member and the formation of the inclined rest on the next bracket member are done and arranged so that the legs when distended may have all required, and yet no excessive, outward spread, in the manner of a trip rod.

The arms C are respectively pivotally connected to the legs at a short distance below the pivot *b*, whereby they may be swung upwardly and outwardly in planes which are parallel with the swinging movements of the legs and which are coincident with the lines of radial extension of the bracket members, all whereby they are brought to limiting abutments against the upwardly and outwardly inclined ends a^3 of the bracket members *a*.

The flexible seat has detachable connection with the upper ends of the arms by means of the ring-eyes *f*, which are provided on the under side of the corner portions of the seat and which engage the headed studs *g* at the upper ends of the arms.

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

1. The folding stool herein described, the same consisting of a central bracket, legs, arms and seat, said central bracket comprising radial right angularly arranged members, each having a leg pivoted to its side having a limiting abutment against the side of the next bracket member, and each leg having pivoted thereto, below its bracket pivot, an arm, which on being upwardly-outwardly swung, has a limiting abutment against the end of the same bracket member to which the side arm is pivoted, the flexible seat being detachably connected to the upper ends of the said arms, substantially as described.

2. In a folding stool, the combination with the central bracket having the several angularly extending members each with the beveled rest a^2, at its side near its inner end and having the upwardly and outwardly inclined

end a^3, of the legs pivoted sidewise to the bracket members and adapted when swung to have bearings and abutments against said rests a^2, of the adjacent bracket members, the arms sidewise pivoted to the legs below the pivotal connections of the latter and adapted when upwardly swung to have limiting abutments against the said inclined ends of the bracket members, and the flexible seat detachably connected to the upper ends of said arms, substantially as described.

HENRIE L. MORGAN.

Witnesses:
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K. I. CLEMONS.