

(No Model.)

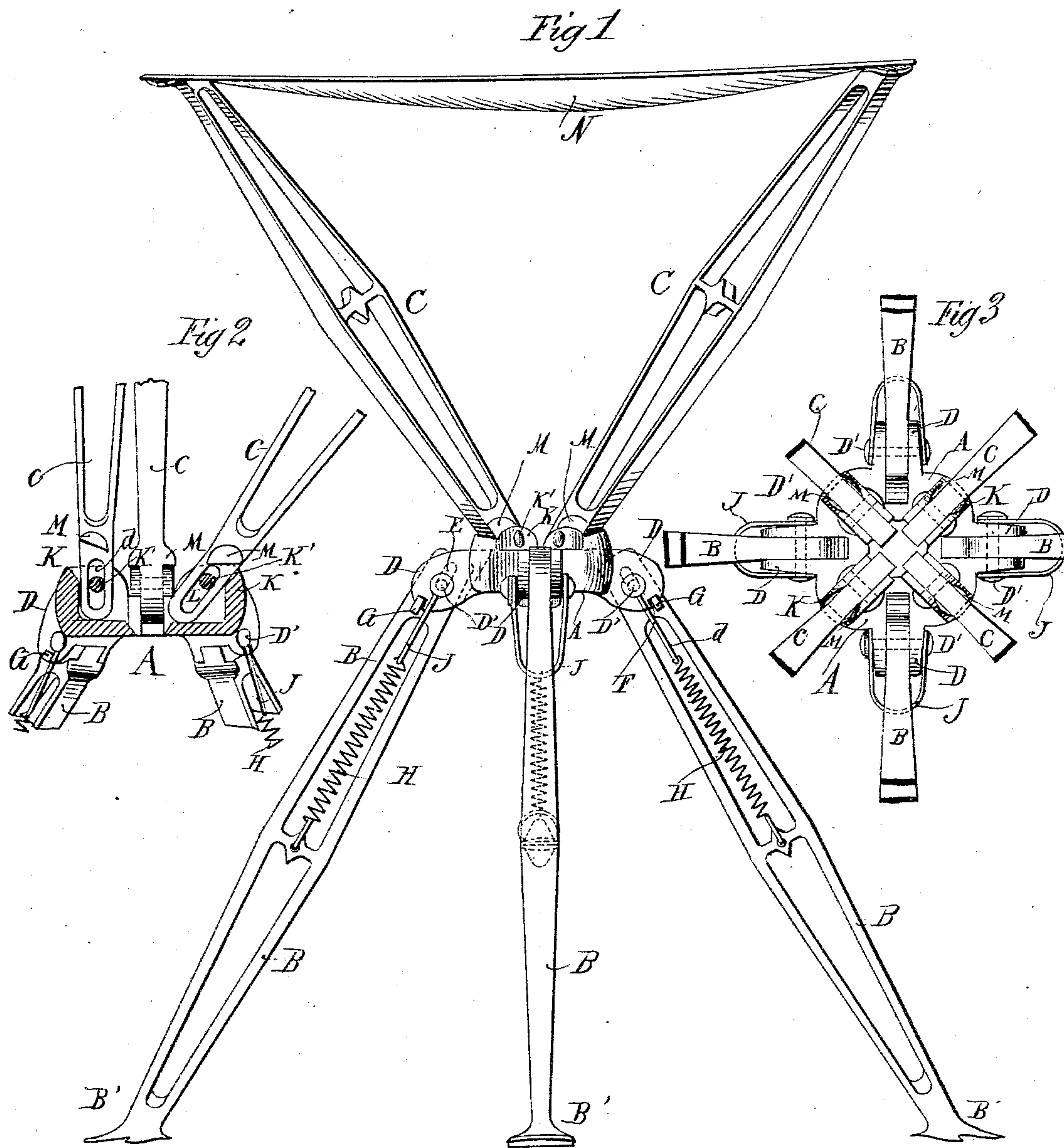
2 Sheets—Sheet 1.

G. E. VANDENBURGH.

FOLDING CHAIR.

No. 315,680.

Patented Apr. 14, 1885.



WITNESSES:

P. & B.
C. Sedgwick

INVENTOR:

G. E. Vandenburg

BY

Mumford

ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

G. E. VANDENBURGH.

FOLDING CHAIR.

No. 315,680.

Patented Apr. 14, 1885.

Fig 4

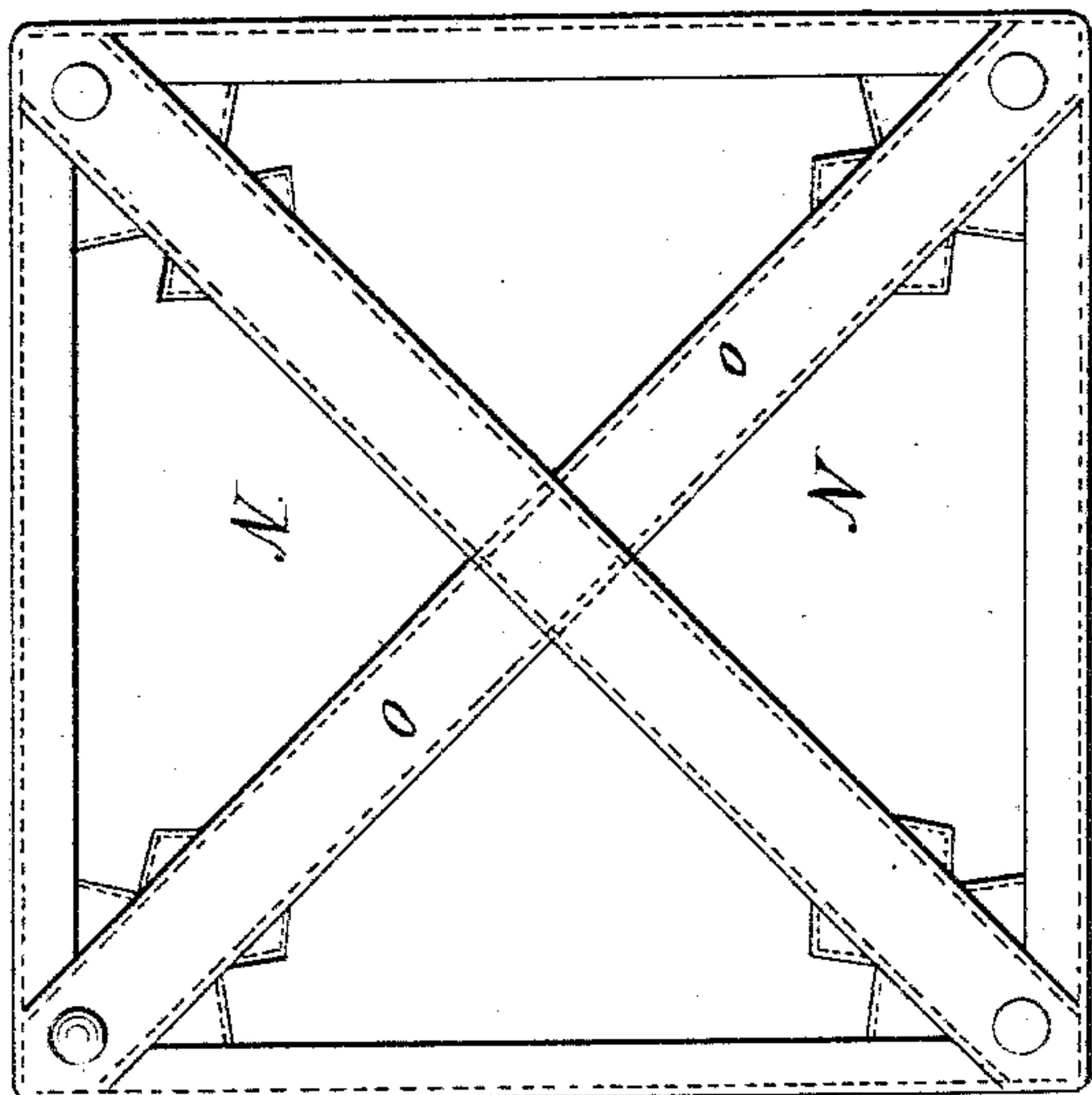
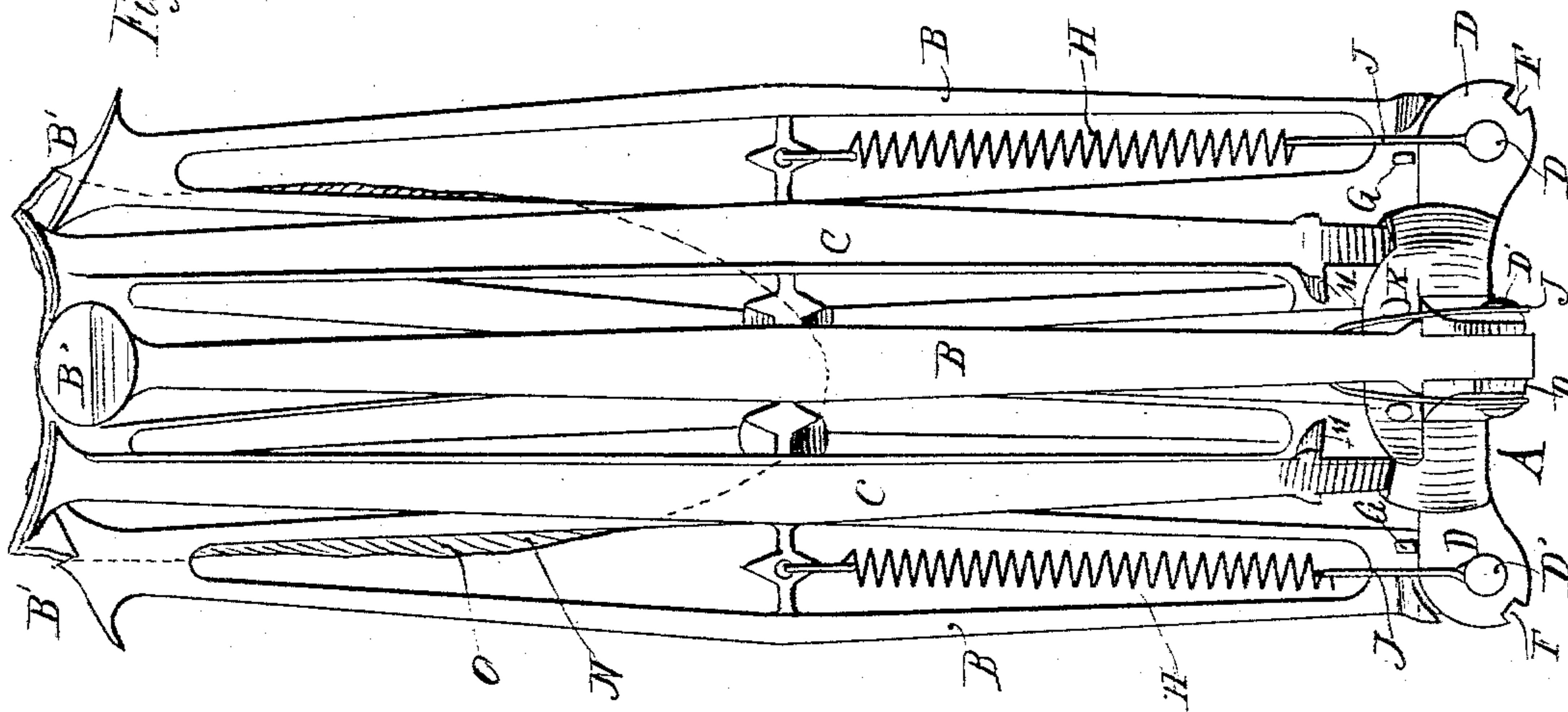


Fig 5



WITNESSES:

Geo. P. Boy
C. Sedgwick

INVENTOR:

G. E. Vandenburg

BY

Miner
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE E. VANDENBURGH, OF STILLWATER, NEW YORK.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 315,680, dated April 14, 1885.

Application filed September 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. VANDENBURGH, of Stillwater, in the county of Saratoga and State of New York, have invented a new and Improved Folding Chair, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved folding chair which is simple in construction, strong and durable, can be folded very compactly, and can be erected or folded easily and rapidly.

The invention consists in the combination, with a center piece having jaws on the side edges and top, of legs and seat-support bars pivoted in the jaws, the said legs and bars having lugs for holding them in place. The legs are provided with springs for retaining the legs in place in their jaws on the center piece. The seat is riveted to the upper ends of the seat-support bars.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front view of my improved folding chair, the same being erected. Fig. 2 is a cross-sectional view of the middle part. Fig. 3 is a sectional plan view. Fig. 4 is a plan view of the seat. Fig. 5 is a side view of the chair folded.

The folding-chair frame is constructed of a center piece, A, four hinged legs, B, and four seat-support bars, C. The center piece, A, is provided with four pairs of jaws, D, projecting from the middles of the four sides of the piece A, and in each pair of jaws D the upper end of a leg, B, is pivoted, each leg being provided at its upper end with a longitudinal slot, E, through which the pivot D' passes. The jaws D are provided in the bottom and outer edges with notches F for receiving studs G, projecting from the sides of the legs B at their upper ends. Spiral springs H, secured to the middle cross-pieces of the legs, are connected with bails or hangers J, secured on the pivots D', and pull the legs upward, thus drawing the studs G into the notches F, thereby locking the legs B in place and preventing their swinging in or out. The legs B are

provided on their lower ends with foot-plates B', having transverse shoulders to prevent the legs from slipping on the ground or floor.

On the upper surface of the center piece, A, four pairs of jaws, K, are arranged diagonally to the jaws D, and between them, in each of which pair of jaws K the lower end of a seat-support bar, C, is pivoted by a pin, K', passing through a longitudinal slot, L, in the end of the bar C.

On each side of each bar C a stop-lug, M, is formed at the lower end, the said lugs resting on the top edges of the jaws K when the bars C are at the required inclination, thus locking the bars in place.

The seat N, made of canvas or other flexible material, is riveted to the upper ends of the bars C, and is strengthened by two diagonal bands, O.

To erect the chair the legs B are swung down until the lugs G are opposite the notches F, when the said lugs are drawn into the notches by the springs, thus locking the legs in place. The seat-supporting bars C are swung outward until their lugs M rest on the jaws K.

To fold the chair the bars C are swung toward each other, and the legs B are pulled downward to draw the lugs G out of the notches F, and then the legs are swung up and toward each other into the position shown in Fig. 5.

The chair can be folded very compactly, can be erected or folded easily and rapidly, and when folded can be placed in a pouch or casing to facilitate carrying it.

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

1. In a folding chair, the combination, with the center piece, A, having jaws D on the sides and jaws K on the top, the jaws K being arranged diagonally to the jaws D, and between them, of the legs B, pivoted in the jaws D, and the bars C, pivoted in the jaws K, substantially as herein shown and described.

2. In a folding chair, the combination, with the center piece, A, having the jaws D on the sides and jaws K on the top, the jaws K being arranged diagonally to the jaws D, of the legs B, having slots E in their upper ends, the

pivots D', the bars C, having slots L in the lower ends, and the pivots K', substantially as herein shown and described.

3. In a folding chair, the combination, with
5 the center piece, A, having jaws D, provided with notches F, of the legs B, having longitudinal slots E, and lugs G, the pivots D', springs H, connected to cross-bars of the legs B, and to the pivots D', and acting to move
10 the legs longitudinally to cause the lugs to enter the notches, and of seat-support bars pivoted to the piece A, substantially as herein shown and described.

4. In a folding chair, the combination, with
15 the center piece, A, having jaws D, provided with notches F, of the legs B, having slots E, and lugs G, the springs H, the bails J, the pivots D', and of seat-support bars pivoted to the piece A, said springs, together with their

bails, acting to move the legs longitudinally 20 and to cause the lugs G to enter their notches, substantially as herein shown and described.

5. In a folding chair, the combination, with the center piece, A, having the jaws B on the sides and jaws K on the top, the latter jaws be- 25 ing disposed diagonally to the jaws D, and the jaws K having inclined shouldered sockets, of the bars C, having slots L, which receive pivots K' of the said sockets, said bars also having incline-faced lugs M, and the legs B, 30 pivoted in sockets of the jaws D, and having locking - lugs G fitting in notches of jaws D, substantially as and for the purpose set forth.

GEORGE E. VANDENBURGH.

Witnesses:

JAMES V. DENTON,
JOHN M. VANDENBURGH.