

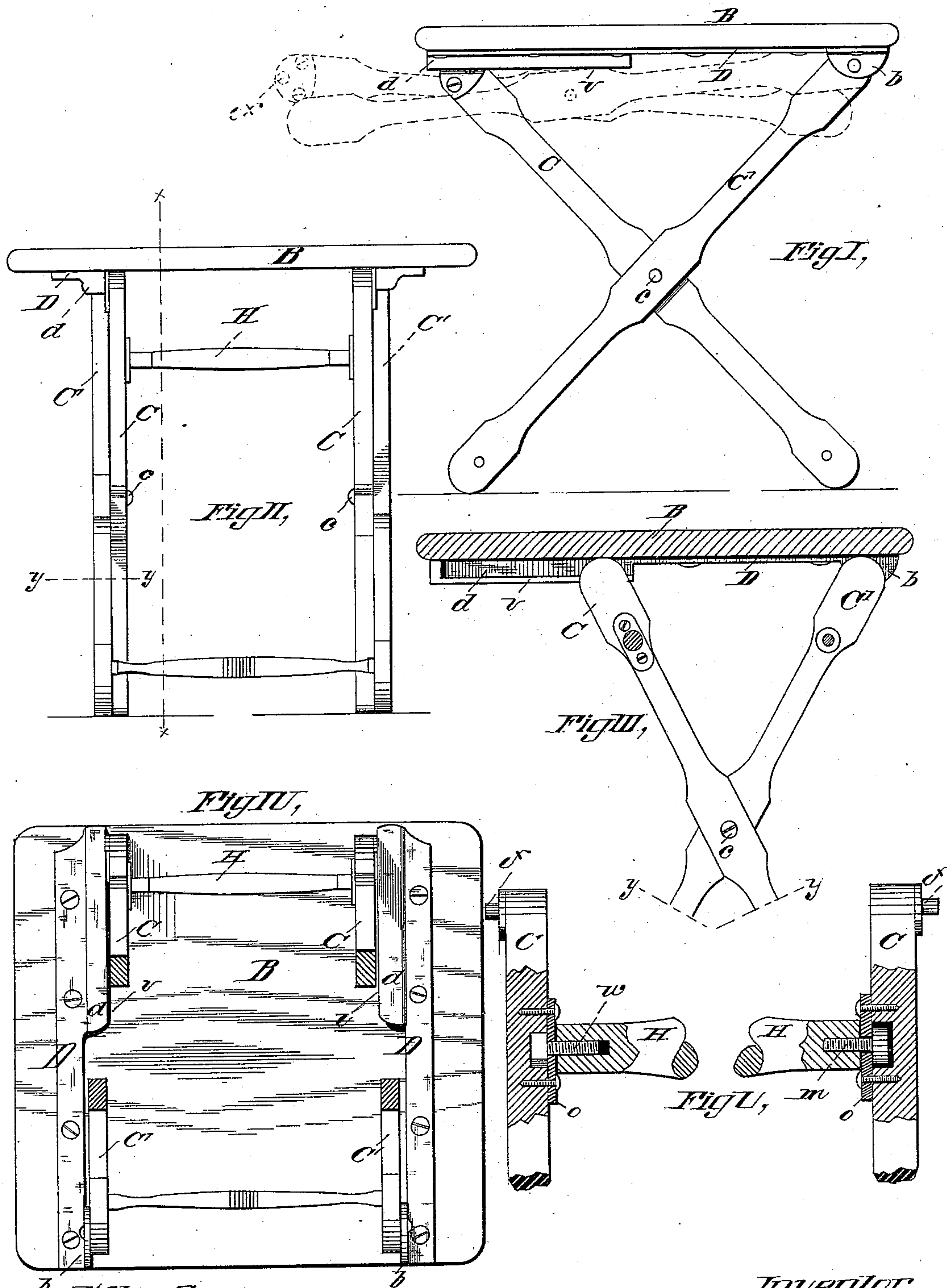
(No Model.)

C. N. WITT.

TABLE.

No. 292,084.

Patented Jan. 15, 1884.



Witnesses,  
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Inventor,  
Charles N. Witt  
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# UNITED STATES PATENT OFFICE.

CHARLES N. WITT, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO ELIZA L. WALLACE, OF SAME PLACE.

## TABLE.

SPECIFICATION forming part of Letters Patent No. 292,084, dated January 15, 1884.

Application filed May 4, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES N. WITT, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Tables, of which the following is a specification.

This invention belongs to that class of tables in which the legs, pivoted in an X shape, move upon said pivot to elevate the top and in folding against it; and my improvements consist in devices for connecting the legs and top, whereby the table is more easily adjusted to different heights and folded.

This is fully illustrated in the accompanying drawings, in which—

Figure I is an elevation of a table of my construction, showing in dotted lines the position assumed by the legs when folded against the top. Fig. II is a side elevation of the same. Fig. III is a section on the dotted lines *xx* and *yy* of Fig. II. Fig. IV is a plan view of the bottom of the table with a part of the legs removed; and Fig. V is an enlarged detail view in partial section of the opposite ends of a round connecting the legs.

B is the table-top. D are transverse metal strips screwed to the under side of the top, and having the grooves or sockets *dd* and lugs *bb*. The sockets *dd* have closed ends, as seen in Fig. III. Their mouths are near the center of the top, and a straight edge, *v*, extends their length. The legs *CC'*, framed by suitable rounds, are pivoted at *c*. The legs *C'* are hinged at their ends to the lugs *bb*, and each leg *C* is provided with a pin, *f*, projecting from its side near the end of the leg, which pins, when the legs are brought up to support the table-top B, pass under the edges *v*, and thus temporarily secure said top to the upper ends of the legs *C*. The said connection of the ends of the legs *C* with the top of the table is rendered firm by turning the round H, which, by its screw-connection with one of said legs, spreads their ends and forces them against the edges *v* of the sockets, and thus prevents them from slipping from any position in which they may be placed, so that, the pins *ff* being inserted in the mouths of the

sockets *dd*, the legs *C* may, by turning the round H, be clamped at any point against the edges *v* to give the desired elevation to the top, or may be allowed to bear by their pins against the solid end of the sockets to obtain the greatest depression, as seen in Fig. I. When the table is to be folded, the legs are brought together until the pins *ff* are free of the sockets, and are then folded together and swung upon the hinges at *bb* until in the position shown in dotted lines, Fig. I. By this arrangement the legs can be quickly spread to support the top, and the ones *C* be clamped to the surface *v* at any point between the mouth of the sockets *d* and their closed ends, which could not be the case had the pins to be moved in notches to obtain the elevating adjustment to the top, and by means of the round H the legs are simultaneously operated to be clamped or released.

To afford a better clamping-surface upon legs *C*, their ends are provided upon the sides next to the sockets *d* with metallic plates *g*, from which project the pins *f*.

The distending-round H is formed, as seen in Fig. V, to have one end provided with a screw-socket receiving the screw *w*, having its square head embedded in the leg *C*, to be held from turning. The other end of the round H is held to its leg, while allowed to rotate freely, by means of a screw, *m*, whose round head forms a collar loose in the leg, as shown.

Plates *o* forms surfaces for the ends of the round to abut upon and retain the heads of screws *w m* within the legs.

What I claim as my invention is—

The combination, with the top B, having the sockets *dd*, provided with the bearing-edges *v v*, of the legs *CC'*, pivoted at *c*, hinged to the top at *bb*, provided with the pins *ff*; and having the round H to rotate to clamp the ends of legs *C* against surfaces *v v*, all arranged and operating substantially as shown and described.

CHARLES N. WITT.

Witnesses:

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