J. C. YEAKEL.

IRONING BOARD.

APPLICATION FILED MAR. 5, 1909.

944,401.

Patented Dec. 28, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

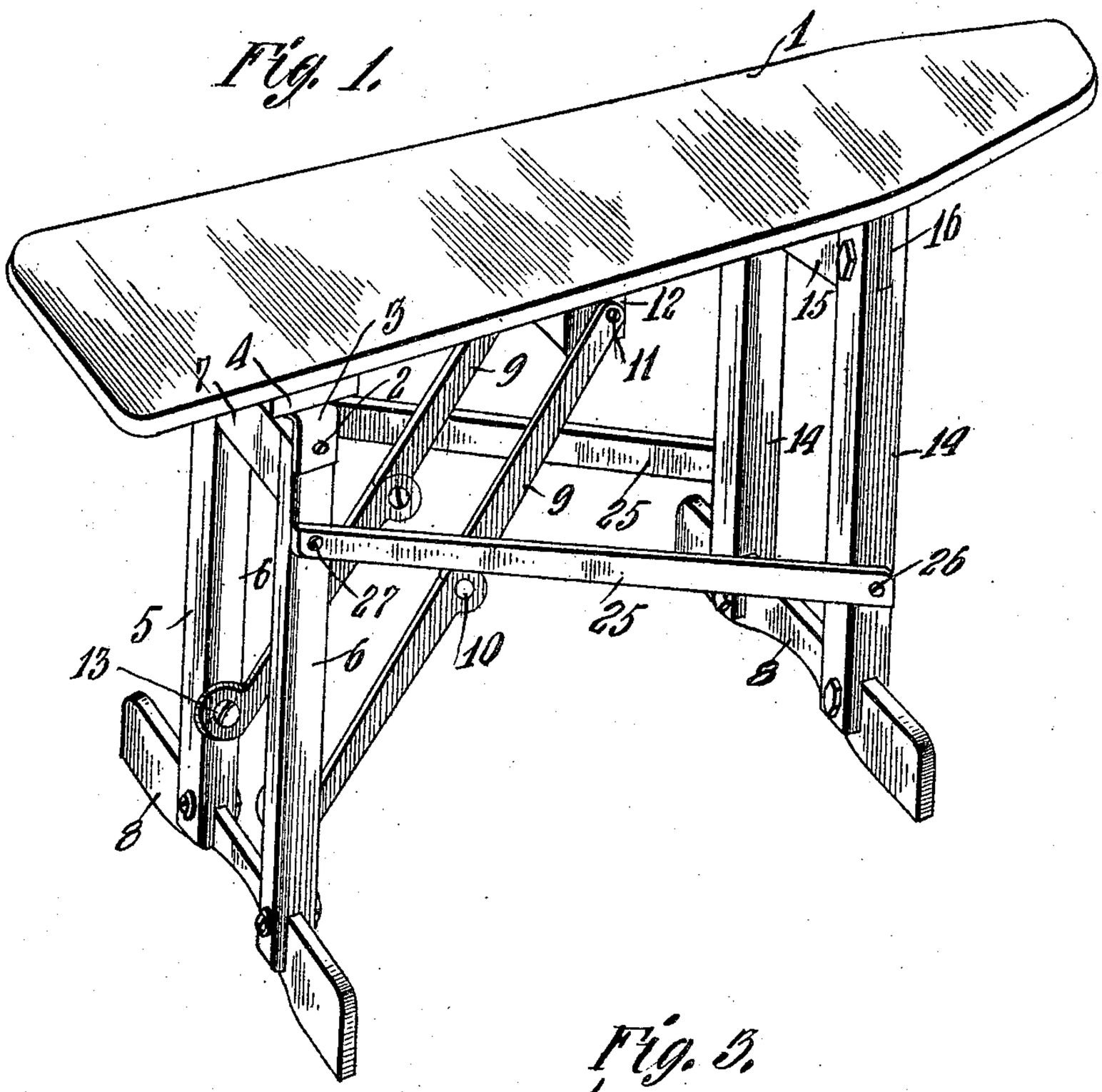
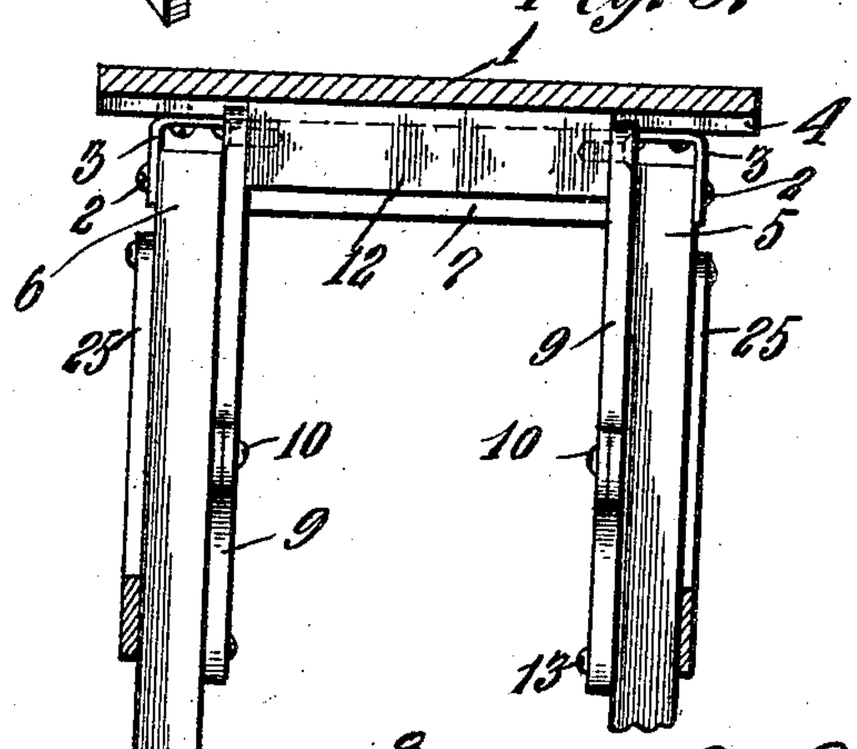


Fig. 3.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 2.

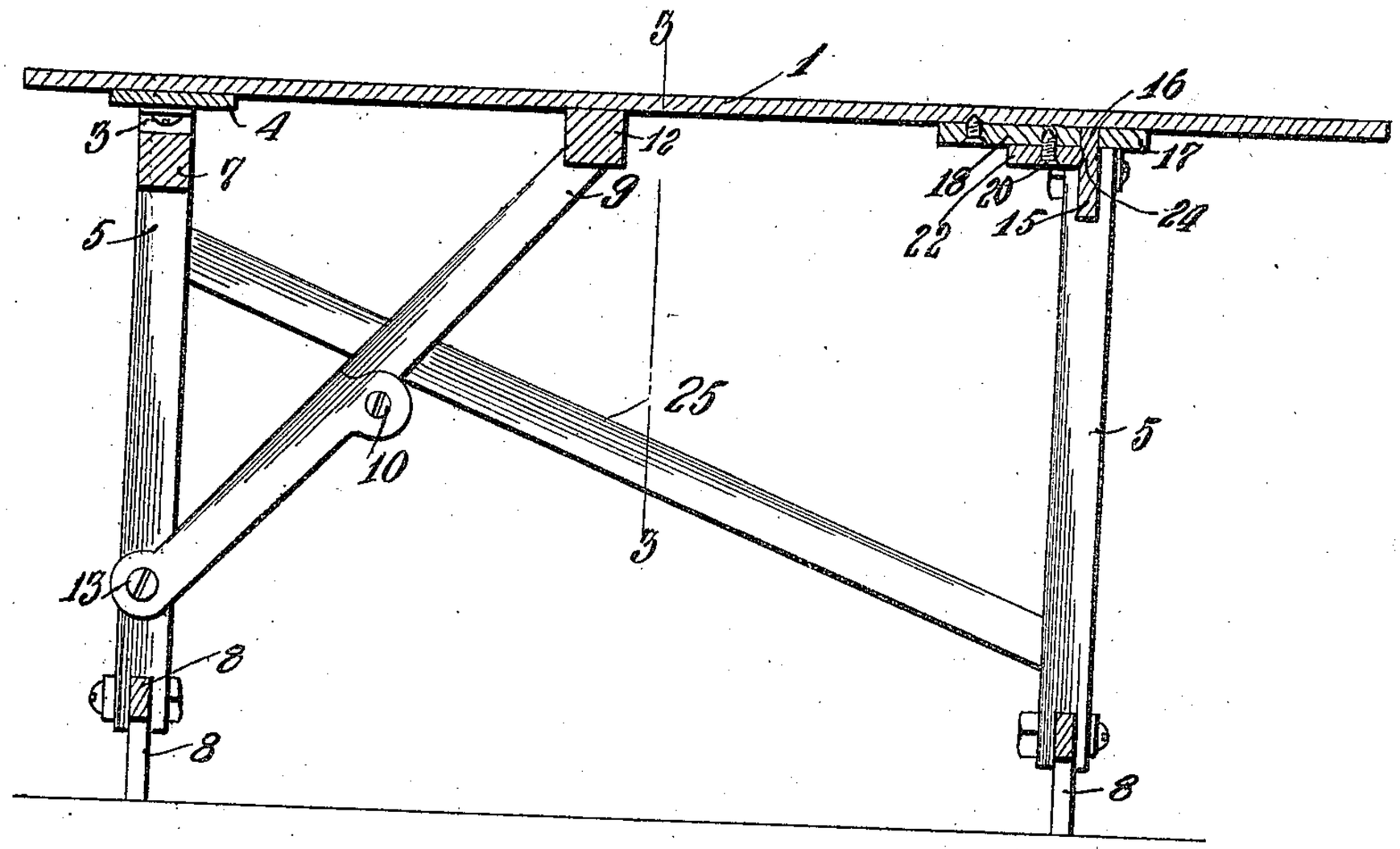
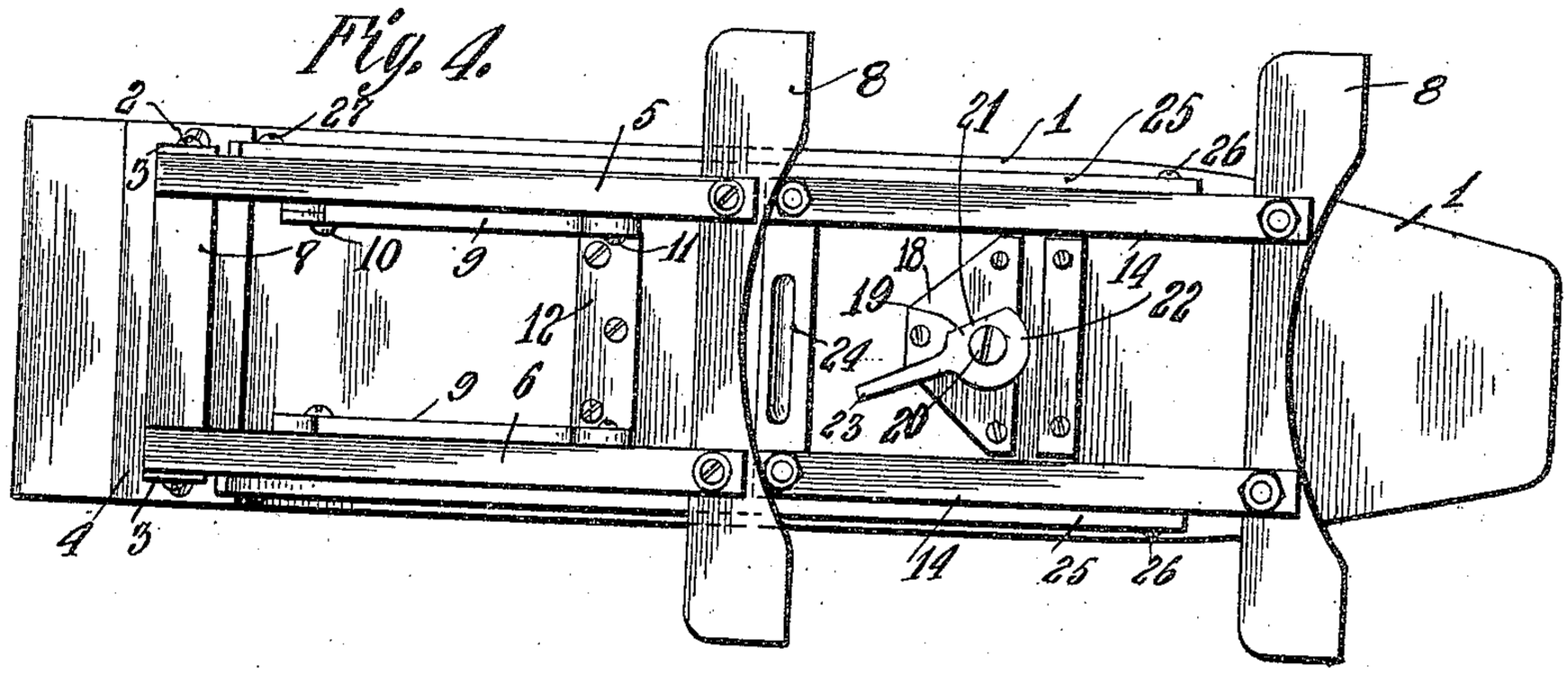


Fig. 4.



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UNITED STATES PATENT OFFICE.

JAMES C. YEAKEL, OF WAYNESVILLE, ILLINOIS.

IRONING-BOARD.

944,401. Specification of Letters Patent. Patented Dec. 28, 1909.

Application filed March 5, 1909. Serial No. 481,280.

To all whom it may concern:

Be it known that I, JAMES C. YEAKEL, a citizen of the United States, residing at Waynesville, in the county of Dewitt and State of Illinois, have invented certain new and useful Improvements in Ironing-Boards, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in folding supports for ironing-boards, table tops and the like.

The object of the invention is to povide a simple and practical folding support which when set up will be strong and rigid and which may be easily folded to occupy little space and thereby permit it to be conveniently packed away, shipped or carried.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the improved ironing-board or table set up for use; Fig. 2 is a vertical longitudinal section; Fig. 3 is a detail vertical cross section taken on the plane indicated by the line 3—3 in Fig. 2; and Fig. 4 is a bottom plan view of the device folded.

The invention comprises a top 1 here shown in the form of an ordinary ironing-board but which may be of other shape. Pivoted at 2 between angle brackets 3 arranged on a transverse cleat 4 secured to the under face of the top adjacent to one end, is a leg frame 5 consisting of two uprights or legs 6 united at their upper ends by a cross bar 7 and at their lower ends by a cross member 8, the ends of which are extended to provide spaced feet, as shown. Said leg frame 5 is adapted to fold inwardly against the under face of the top 1 and is adapted to be held in its open position by two braces 9 consisting of sections connected by a rule joint 10. The upper ends of said braces are pivoted at 11 on the ends of a transverse cleat 12 secured to the under face of the top 1 intermediate its ends, and the lower ends of said sectional braces 9 are pivoted at 13 to the inner faces of the legs 6, so that when the leg frame 5 folds inwardly said sectional braces break at the joints 10 to permit the two sections of said braces to fold upon each other between the leg frame and the top 1, as will be seen upon reference to Fig. 4.

The other end of the top 1 is supported by a leg frame 14 which is similar to the leg frame 5 but which is adapted to have the cross bar 15 at its top enter a seat 16 formed by two spaced transverse cleats 17, 18 secured to the under face of the top 1. Said cross bar 15 is retained in the seat 16 by means of a cam lever 19 pivoted at 20 upon the cleat or block 18 and having at one end a straight edge 21 and a curved edge 22 and at its other end a finger piece or handle 23. When the latter is turned in one direction the straight edge 21 is disposed parallel with and close to one edge of the seat 16 so that the cross bar 15 may be readily inserted in said seat, and when the finger piece of the lever is swung in the other direction the curved or cam edge 22 of said lever will be projected across the seat 16 and into a groove or recess 24 formed in one side of the bar 15, thereby retaining the latter in said seat, as will be understood upon reference to Fig. 2. The lower end of the leg frame 14 is supported by a pair of brace links 25 pivoted at one end, as shown at 26, to the outer side faces of the legs of the frame 14 adjacent to the bottom of the latter and pivoted at their opposite ends, as shown at 27, to the outer faces of the upper portions of the legs 6 of the other frame 5.

The operation of the invention is as follows: When it is desired to fold the ironing-board or table, the cam lever 19 is turned to disengage it from the recess or seat 24 so that the cross bar 15 may be removed from the seat 16, whereupon, the upper portion of the leg frame 14 may fold inwardly between the leg braces 25 and the latter may fold inwardly against the under face of the top 1. The braces 9 are then broken to permit the leg frame 5 to fold inwardly against the under face of the top 1, as shown in Fig. 4 of the drawings.

By reversing the operation just described, the device may be quickly set up for use, as shown in Figs. 1 and 2. When set up, the braces 9, 25 will effectively hold the leg frames in upright position so that the ironing table or board will be exceedingly rigid and substantial.

When the parts are folded, the device is

exceedingly compact so that it occupies little space and may be conveniently stored away or transported.

Having thus described the invention what is claimed is:

The herein described ironing table comprising a top board, a transverse cleat secured to the under side of the board intermediate its ends, a second transverse cleat secured to the under face of the board adjacent one of its ends, angle brackets upon the last mentioned cleat, a leg frame pivoted between said angle brackets, a pair of braces, each consisting of members connected together by rule joints, one end of each brace being pivoted to one end of the transverse cleat on the intermediate portion of the board, and the other end of said brace being pivoted to the lower portion of said leg frame, a pair of spaced cleats upon the under face of said board, a second leg frame adapted to enter between said spaced cleats, means for retaining said second leg frame in engagement with said spaced cleats, and a pair of rigid one piece links adapted to cross said braces and having their upper ends pivoted to the upper portions of the first mentioned leg frame, and their lower ends pivoted to the lower portions of the second mentioned leg frame.

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

JAMES C. YEAKEL.

Witnesses:

S. O. YEAKEL,

E. E. NICHOLS.