

(No Model.)

G. C. GOODYEAR.
FURNITURE LEG FASTENING.

No. 509,618.

Patented Nov. 28, 1893.

Fig. 1.

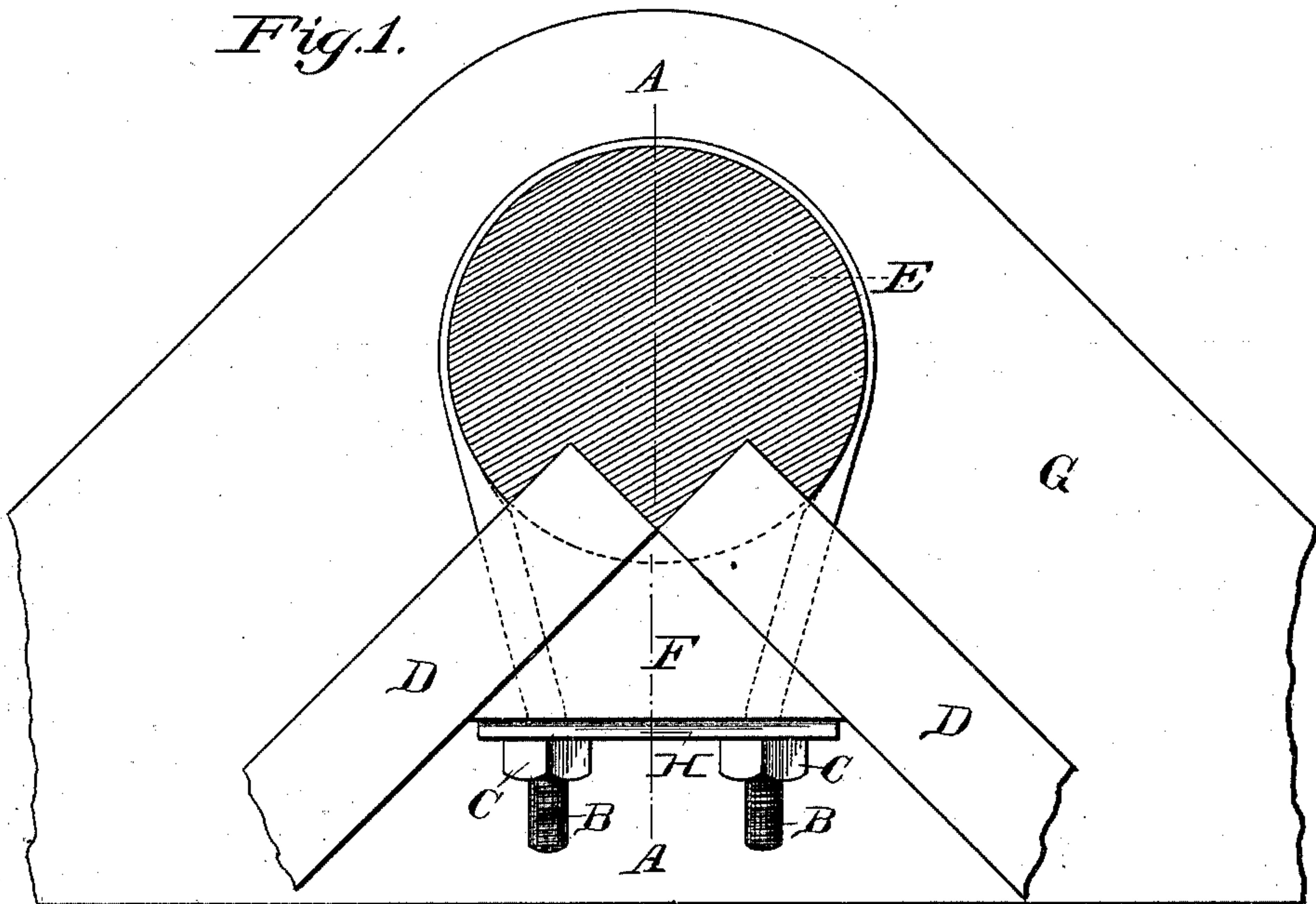
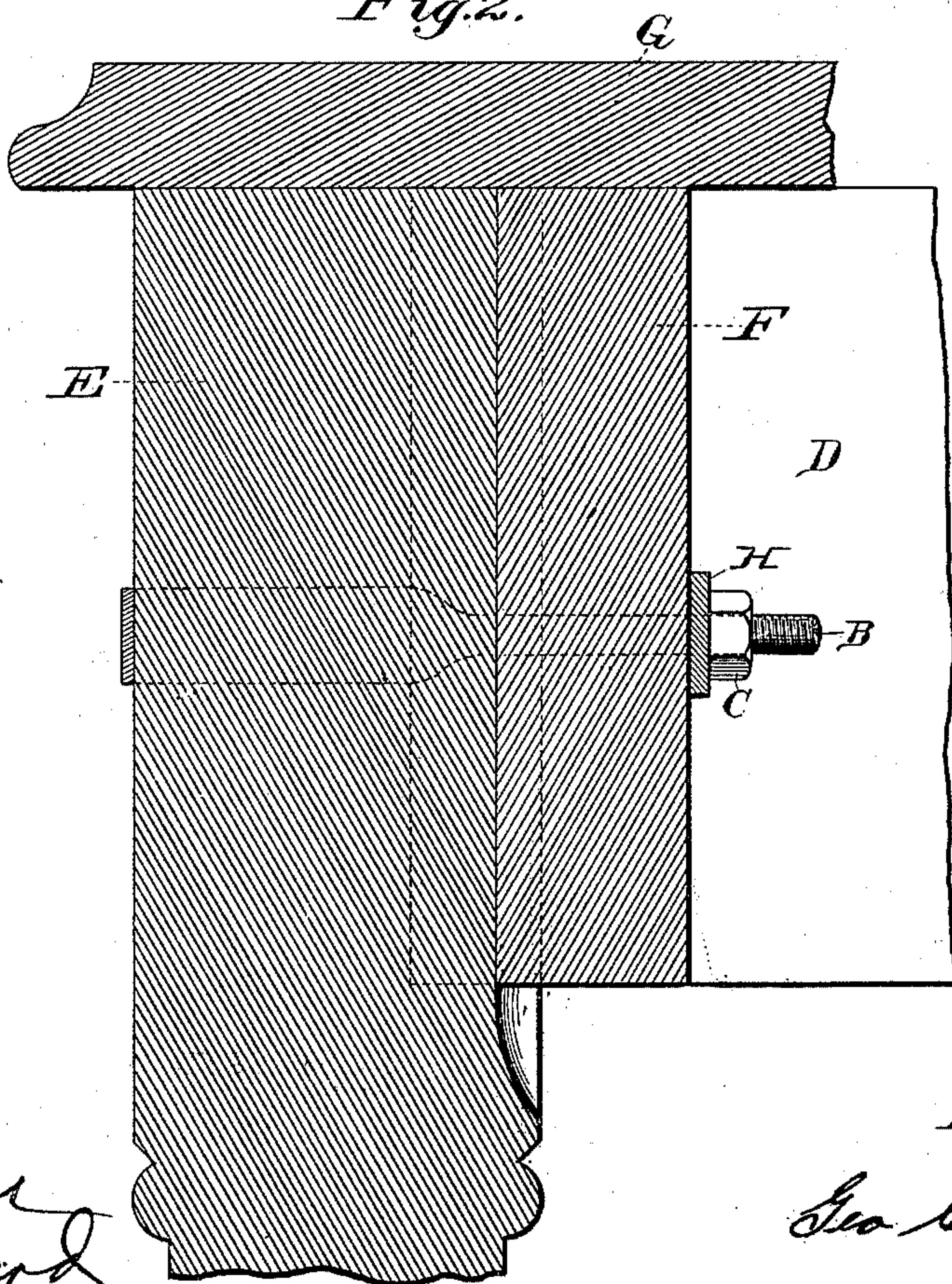


Fig. 2.



Witnesses

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GEORGE C. GOODYEAR, OF FLINT, MICHIGAN.

FURNITURE-LEG FASTENING.

SPECIFICATION forming part of Letters Patent No. 509,618, dated November 28, 1893.

Application filed December 3, 1892. Serial No. 453,976. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. GOODYEAR, a citizen of the United States, residing at Flint, Genesee county, Michigan, have invented a new and useful Improvement in the Construction of Knockdown Corners for Fastening Legs of Tables, Stands, Stools, and other Articles, as set forth in the following specification.

10 The objects of my invention are: first, to make the shipping of tables and other articles more convenient, and less expensive, by taking off the legs, and allowing the articles to be packed in more compact shape; second, to
15 make a more durable and a stronger corner; third, to reduce the expense of manufacturing; fourth, to add to the beauty of the article by an ornamental bit of metal work while also adding to its strength, these clips or bands being capable of an infinite variety of ornamentation.

Many different ways are used in making knock down corners. In many cases the construction weakens in part or wholly both the
25 leg and the rail or side. Others are conspicuous for the absence of any method of tightening the leg should it become loose, and all are more or less complicated and expensive constructions. The leg fastener combines
30 simplicity—strength—durability—facility of tightening at any time—and above all cheapness of construction. The drawings submitted show the corner as constructed for the use of this fastening on an ordinary table.

35 Figure I, shows a horizontal section of the corner on the line 1—1 of Fig. II. Fig. II, shows a section through “2—2” of Fig. I, G being the top.

The nature of the corner and use of the leg
40 fastener is as follows: The leg “E.” is turned its entire length. The upper end or head of the leg is supplied with a double groove to receive the ends of rails or sides “D. D.” which is done by a single cut on a shaper
45 or sticker. Square legs can also be used. The rails “D. D.” are simply cut to length which can be done while the lumber is in the rough, no recutting being necessary for this construction. When the frame is being put
50 together, the rails “D. D.” are placed in a square form, and the corner block “F” is glued and nailed to the ends of the rails. This being done the frame is bored for the

ends of the clip “B” which is done by machinery boring both holes at once. The leg
55 is placed in position, the clip “B” passed around the same with its ends through the holes in the rails “D. D.” and block “F” and the metal tie “H” placed over both ends and
60 the nuts “C. C.” are screwed on the ends of the clip. This clip may be used without the tie “H.” using washers or may be used without either tie or washers.

In shipping the leg is not placed in position but the clip “B,” tie “H,” and nuts “C, C,”
65 are, and when received by the dealer he simply slips the leg in position and tightens the nuts which binds the whole firmly together. The slight curves near the ends of the clip are caused by the tightening of the nuts when
70 the leg is fastened in.

I am aware that heretofore metal bands have been used which encircle the leg in whole or in part, but not a device which can be tightened to conform to any variation in the
75 size of the leg.

I am also aware that a band similar to those I use is used and cut at right angles into the center of the head of the leg with its ends embedded in the ends of the rails not using
80 a corner block to strengthen the frame nor encircling the leg.

What I claim as my invention, and wish to secure by Letters Patent, is—

1. In a leg fastening the leg “E,” the rails
85 “D,” having holes near their ends, the substantially triangular block “F—” joined to said rails and having holes through it, and the binding clip or band “B—” passed around the leg and through said holes in the rails
90 and block and fastened in position by nuts screwed on its free ends.

2. In a leg fastening the leg “E” the rails
“D—” having holes near their ends, the substantially triangular block “F—” joined to
95 said rails and having holes through it, and the binding clip or band “B—” passed around the leg and through said holes in the rails and block and fastened in position by nuts screwed on its free ends, and a wear plate
100 “H—” interposed between the nuts and block “F.”

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Witnesses:

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