(No Model.)

# A. ZWIESLER.

## TABLE LEG FASTENER.

No. 589,679. Patented Sept. 7, 1897.

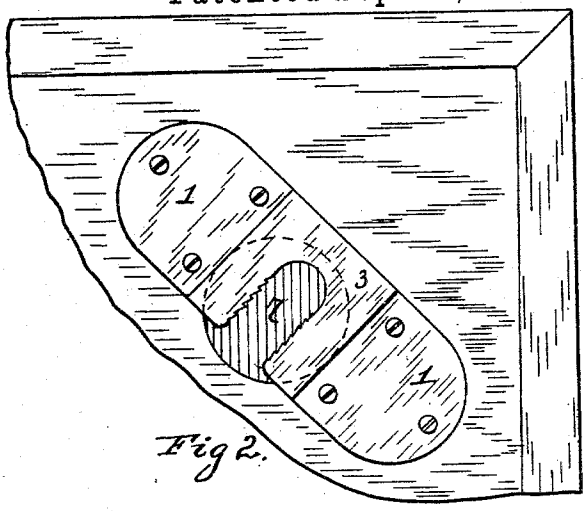



Fig 2.

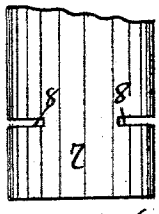



Fig 6.

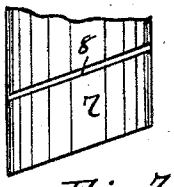



Fig 7.

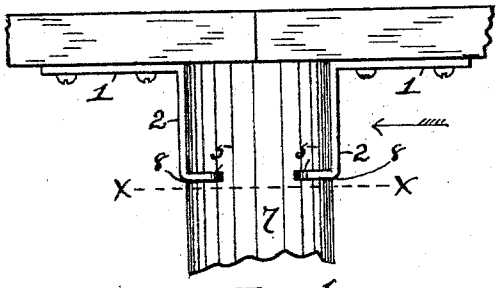



Fig 1.

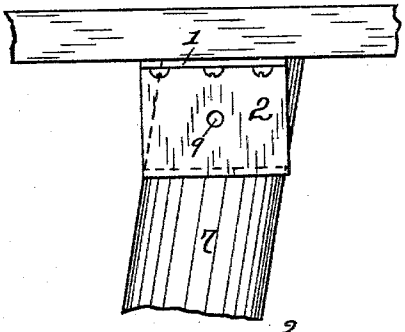



Fig 3

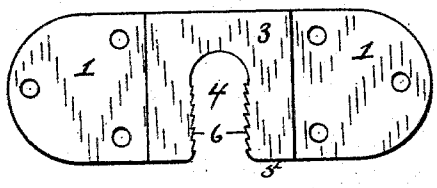



Fig 5.

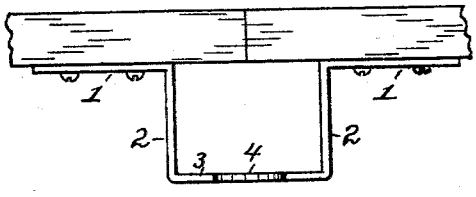



Fig 4.

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# UNITED STATES PATENT OFFICE.

AUGUST ZWIESLER, OF DAYTON, OHIO, ASSIGNOR TO THE GEM FASTENER CO., OF SAME PLACE.

## TABLE-LEG FASTENER.

SPECIFICATION forming part of Letters Patent No. 589,679, dated September 7, 1897.

Application filed June 1, 1897. Serial No. 639,047. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST ZWIESLER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Table-Leg Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in furniture-fasteners, and has a specific reference to a fastener for table-legs, by means of which the legs of a table may be securely fastened without the use of nails, screws, pins, or glue.

The object of the invention is to provide an effective and inexpensive fastener and one that may be easily applied without the aid of mechanical skill.

In a detailed description of the invention reference is made to the accompanying drawings, of which—

Figure 1 is an elevation of the corner of a table, parts being broken away to utilize space. Fig. 2 is a plan view of the under side of the table adjacent to a corner, showing the leg in section on the line *x x* of Fig. 1. Fig. 3 is a side elevation or an elevation looking in the direction of the arrow, Fig. 1. Fig. 4 is a view similar to Fig. 1 with the leg removed. Fig. 5 is a plan view of the fastener similar to Fig. 2 with the leg removed. Figs. 6 and 7 are front and side views, respectively, of the upper end of the leg.

In the drawings similar reference-characters indicate corresponding parts in the several views.

In the application of my invention I have shown it attached to an ordinary square table of the slanting-leg variety—a leg at each corner. The fasteners are secured to the under side of the table adjacent to the corners, as shown in Figs. 1 and 2, and each consists of a metallic plate with ears 1 1, by which it is securely fastened to the table by screws or otherwise.

2 2 designate downwardly-projecting sides or walls projecting at right angles to the ears 1 1. 3 is a continuation of said side walls, forming a transverse horizontal portion on a plane below the ears 1 1, the entire fastener being formed out of one piece of sheet metal or a casting.

In the present use of the invention the fastener is stamped and formed out of sheet-iron, substantially as shown in the drawings. The transverse portion 3 has a slot 4 cut therein, extending from the inner edge 5 and terminating at a point approximately near the center. The edges of the metal left by this cut are provided with serrations or saw-teeth 6, that offer no obstruction to the leg 7 when the latter is placed in position in the fastener, but which resist any outward movement or detachment of the leg when the same has been secured therein, as shown in Figs. 1 and 2. The upper end of the leg is cut on a slant to enable it to come in full contact with the table when in position. On each side of said leg, adjacent to the upper end, there is a slot 8 cut on a plane parallel with the upper edge of the leg. The distance of these slots from the upper edge of the leg is essentially equal to the depth of the space between the horizontal portion 3 of the fastener and the under side of the table. The dimension of this space is clearly shown in Fig. 4. The width of the space between the sides 2 2 of the fastener is approximately equal to the diameter of that portion of the leg inclosed by the fastener. The slots 8 8 extend into the leg a distance about equal to the width of the metal on each side of the slot 4 between the side walls 2 2. These portions of the metal on each side of the slot 4 enter the slots 8 in the leg by forcing said leg into the fastener. In this operation the leg is maintained in a proper position by the slanting end thereof being in full contact with the table, which contact, in conjunction with the fastener, maintains said leg in a most rigid position after it has been forced in far enough to receive the entire metal on each side of the slot 4. The toothed edges are preferred as a means of preventing any possible detachment of the leg; but other means might be substituted as a similar safeguard. For example, an opening 9 may be

provided in one side of the fastener and a screw or nail inserted therein to engage with the leg.

Having described my invention, I claim—

1. In a fastener for table-legs, the combination with a table-leg having its upper end terminating on a slant and provided with slots in opposite sides thereof on a plane parallel with said slanting edge, of a fastener adapted to be secured to the under side of a table, having a slot cut in the lower horizontal portion thereof providing two toothed edges adapted to enter the slots in the table-leg, the distance of said slots from the upper edge of the leg being essentially equal to the distance between the lower horizontal portion of the fastener and the table-top, so that when the leg is in position it will be maintained against any lateral movement by both the table and the fastener, substantially as shown and described.

2. A fastener for table-legs, comprising a metallic plate bent to form two horizontal ears 1 1, two parallel side walls 2 2, and a transverse portion 3 uniting said walls and occupying a lower plane than the ears 1 1, the said transverse portion having a slot 4 cut therein providing two serrated edges 5 adapted to enter slots in the opposite sides of a table-leg, as herein shown and described.

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

AUGUST ZWIESLER.

Witnesses:

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L. L. ALLEN.