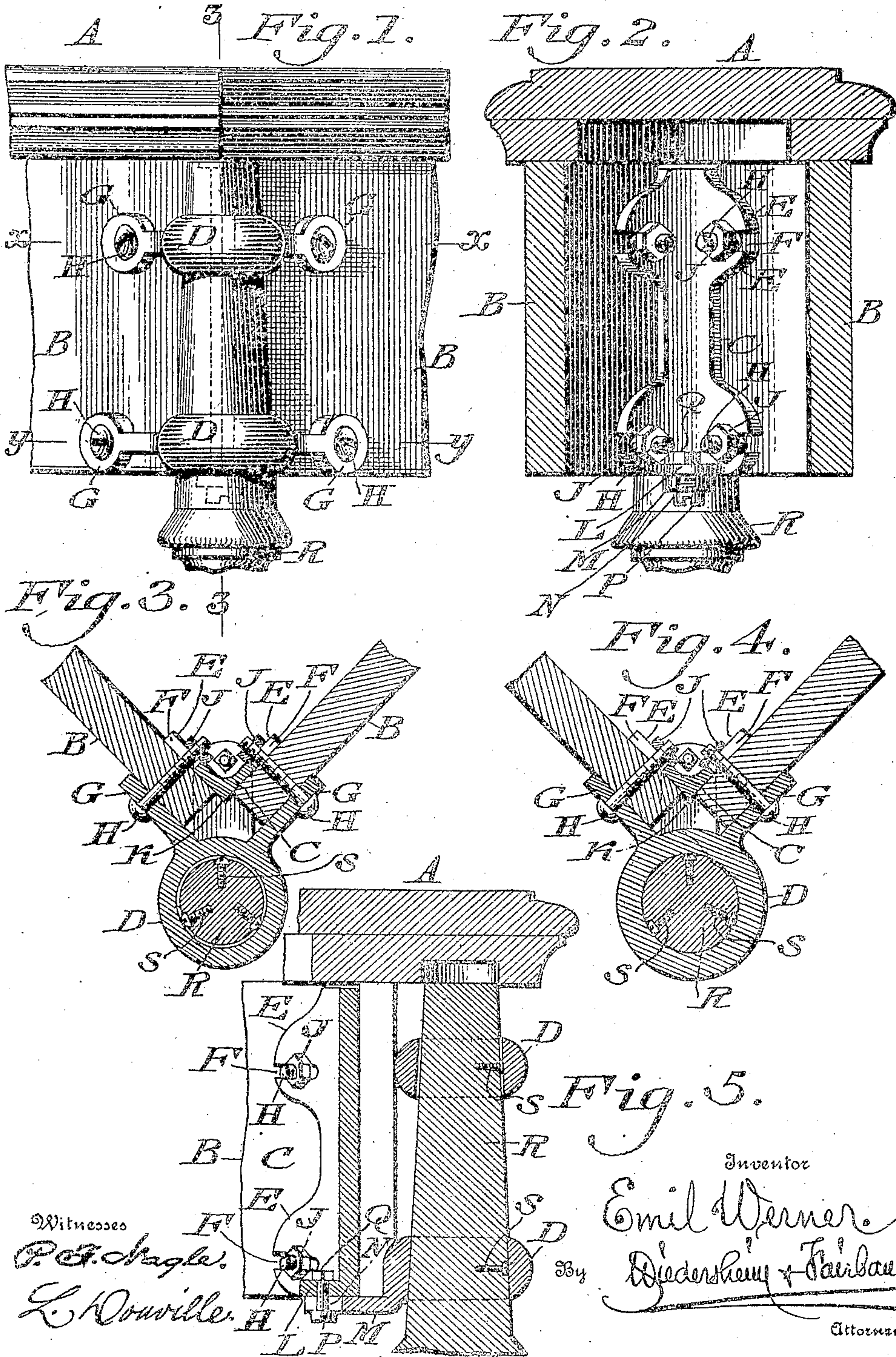


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FURNITURE LEG FASTENING.
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EMIL WERNER, OF PHILADELPHIA, PENNSYLVANIA.

FURNITURE-LEG FASTENING.

No. 920,509

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EMIL WERNER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Furniture-Leg Fastening, of which the following is a specification.

My invention consists of an improved leg of a table, bench, chair or other similar article of furniture provided with means for connecting and strengthening the corners of the top boards or frame thereof on the interior thereof.

It also consists of means for firmly holding the legs of the article on said frame and assisting to further connect and strengthen the said corners on the interior thereof.

It also consists in adapting said means to be adjusted to frames of different thicknesses of material.

It also consists in adapting the connecting and strengthening means on the interior and exterior of the corners to sustain and brace each other.

Figures 1 and 2 represent elevations of the exterior and interior members of a device embodying my invention. Figs. 3 and 4 represent horizontal sections of the same respectively on lines $x-x$ and $y-y$, Fig. 1. Fig. 5 represents a vertical section thereof on line $z-z$, Fig. 1.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings:—A designates a portion of the top of a table, and B designates the boards of the side frame thereof beneath said top. At the corners of said boards on the interior thereof, are the angle bars or plates C, and on the exterior thereof are the leg-receiving rings or sockets D. On the sides of the limbs of the bars C, are the ears E in which are horizontally-extending slots F.

Radiating from the sockets D are eyes G, through whose openings are passed the screws or bolts H, which also pass through the boards B and the slots F of the ears E. Nuts J are fitted on the threaded ends of said bolts and adapted to bear on the ears E, whereby when said nuts are tightened, the bars C are firmly held in contact with the boards B, thus providing a strong connection for adjacent boards, and firmly bracing the corners of said boards on the interior thereof. The sockets D are also securely held in position on the boards B, and they with their

eyes G firmly brace the corners of said boards on the interior thereof. Furthermore, the angular portions of the bars C enter the spaces between adjacent boards B, as at K, so said boards may abut firmly against the same, thus increasing the strength of the corners of the boards.

The lower ends of the bars C are each provided with an inturned eye L, and the lower ends of the bottom sockets D are each provided with an inturned ear M, which is adapted to rest against the underside of the eye L, said ear having a slot N therein, through which is passed the screw or bolt P, which also passes through the opening in the eye L and has on its threaded end the nut Q, which is adapted to bear on said eye, and which when tightened, firmly clamps said eye and ear and serves to support the same, one on the other in vertical direction.

It will be seen that the sockets D are of different diameters, so as to wedgingly receive a table leg such as R and hold the same steadily and firmly therein.

It will also be seen that the slots in the ears of the bars C adapt the latter to be applied to boards B of varying thicknesses and receive the bolts H in different portions of the lengths of said slots, and so preserve the proper position and adjustment of the bars, the same being true of the ears M and bolts N, which connect said ears with the eyes L.

In the leg R are screws or plugs S, which are inserted into the side of the same, so that the heads thereof are on the exterior thereof and so disposed that when the leg is fitted in the sockets D, said screws, if so desired, may contact with the interior of said sockets, so that in the event of a space existing between the leg and sockets, due to contracting or shrinking of the leg, or variable thickness thereof, the screws may be rotated to place the heads thereof close to the sockets, and so hold the leg firmly in position, while also avoiding wobbling and irregularity in the position of the same.

While I have specified certain means for carrying out my improvements, I do not wish to be limited exactly to the same, but desire to make such changes as may come within the scope of the novelty involved.

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

1. In an article of furniture of the charac-

ter stated, a leg-receiving socket and eyes extending therefrom angularly to each other, an angular piece having its members parallel with said eyes and its angle opposite said sockets, and means for connecting said eyes with the members of the corner of a frame, and adjustably with the members of the said angular piece, said angular piece and socket having inturned members, one resting upon the other, and means engaging said inturned members.

2. In an article of furniture of the character stated, an angular piece adapted to occupy one corner of the frame thereof, a leg-receiving socket adapted to occupy the opposite face of said corner, overlapping members on said piece and socket adapted to join each other, and means passed through said overlapping members for drawing the same tightly together.

3. In an article of furniture of the character stated, an angular piece adapted to occupy one corner of the frame thereof, tapered leg-receiving socket members adapted to occupy the opposite face of said corner and positioned one above the other, a projection on the lower socket member, the same being adapted to extend beneath and join said piece, and means for tightening said projection on said piece.

4. In an article of furniture of the character stated, an angular piece adapted to occupy one corner of the frame thereof, a leg-receiving socket adapted to occupy the opposite face of said corner, a member projecting from said socket, the same being adapted to join a member on said piece and having a slot in it, and a vertically disposed tightening bolt common to said member and piece and adjustably passing through said slot.

5. In an article of furniture of the character stated, an angular piece adapted to oc-

cupy one corner of the frame thereof, a leg-receiving socket adapted to occupy the opposite face of said corner, a member projecting from said socket, the same being adapted to join a member on said piece and having a slot in it, a tightening bolt common to said member and piece and adjustably passing through said slot, and securing bolts common to said piece and socket and adapted to pass through said frame.

6. In an article of furniture of the character stated, an angular piece adapted to occupy one corner of the frame thereof, a leg-receiving socket adapted to occupy the opposite face of said corner, a member projecting from said socket, the same being adapted to join a member on said piece and having a slot in it, a tightening bolt common to said member and piece and adjustably passing through said slot, and securing bolts common to said piece and socket and adapted to pass through said frame, said piece being provided with slots for said bolts adapting it to be adjustably connected relatively to different thicknesses of material of said frame.

7. In an article of furniture of the character described, an angular piece adapted to occupy one corner of the frame thereof, tapered leg-receiving socket members adapted to occupy the opposite face of said corner and positioned one above the other, a projection on the lower socket member adapted to extend beneath and join said piece, means for tightening said projection on said piece, a tapered leg in said socket members and radially adjustable devices in said leg within the socket members with their outer ends in contact with the inner faces of said members.

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