April 1, 1930. R. F. TAYLOR 1,752,818

FURNITURE BASE

Filed May 2, 1927

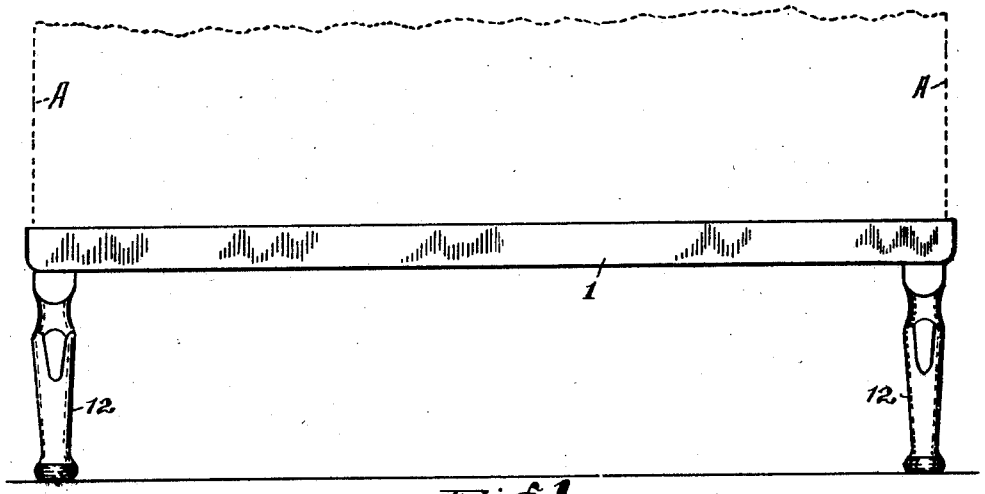


Fig. 1.

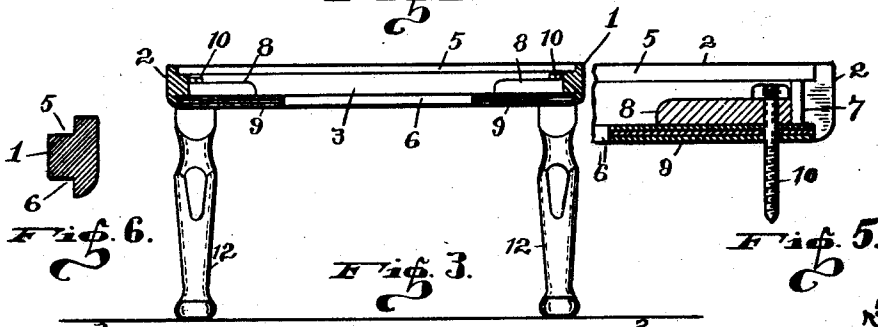


Fig. 3.

Fig. 6.

Fig. 5.

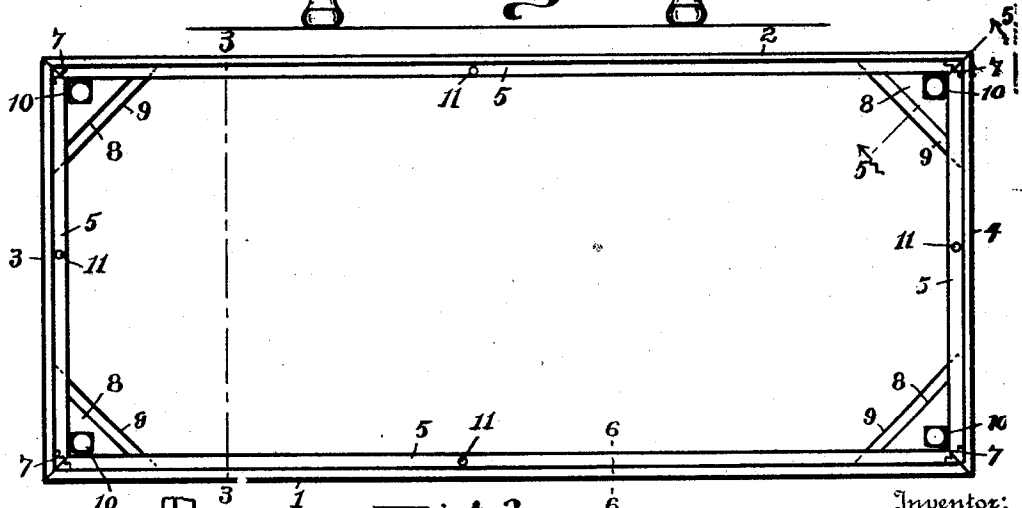


Fig. 2.

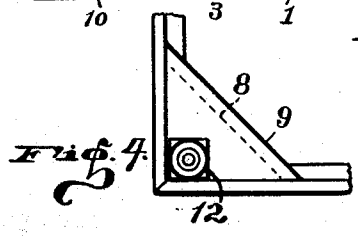


Fig. 4.

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UNITED STATES PATENT OFFICE

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FURNITURE BASE

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The object of my present invention, broadly speaking, is to provide a detachable base for furniture, the same being strong and durable in construction, neat and attractive in appearance, economical as to labor and material required, easily and quickly placed into position or detached therefrom, and which can be manufactured and sold at a comparatively low price.

More specifically stated: my object is to provide a detachable or separable base construction adapted for various kinds of furniture, such for instance and more particularly, for "chifforobes" or the like; whereby the body of the article of furniture and its base may be constructed separately, and by which the base may be packed inside the body of the furniture for storage and shipment, thereby economizing space and reducing the cost of shipment, and minimizing the danger of damage thereto.

And, finally, my object is to provide a base of exceptionally rigid construction, by which the legs thereof are made absolutely secure and will not become inadvertently loosened; and to provide various other advantages and refinements, which will suggest themselves in the course of the following specification and in the drawings forming a part of the specification.

The preferred means for carrying out the principles and the objects of my invention in a practical and economical manner is shown in the accompanying drawings, in which—Figure 1 is a front elevation of an example of my invention, showing in dotted lines the lower portion of a chifforobe as it would appear in connection with my base. Figure 2 is a top plan view of my entire base alone. Figure 3 is a cross section of the same, as taken on the line 3—3 of Fig. 2. Figure 4 is a detail view, showing the underside of one of the corner portions of my base. Figure 5 is a detail section, as taken on the line 5—5 of Fig. 2. And Figure 6 is a cross section of either of the four rails taken, for instance on line 6—6 of Fig. 2.

Similar indices denote like parts throughout the several views.

In order that the construction may be more fully understood and appreciated, I will now take up a detailed description thereof, in which I will set forth the same as comprehensively as I may.

In the drawings letter A denotes the lower portion, in dotted lines, of a chifforobe, or other similar article of furniture.

The invention proper comprises a frame consisting of the front and rear rails 1 and 2, respectively; and the two end rails 3 and 4. The members 1, 2, 3 and 4 are, in this instance, mitered together at their junctures where they form the corners of the frame of the base. The said four members of the frame are made of material of the same size and shape in cross-section, which in this instance is in the nature of a strip of lumber, or other material, forming a molding, the same having an upper rabbet 5 and a lower rabbet 6, both formed in the inner or contact face thereof, substantially as shown in Fig. 6, for the purpose hereinafter set forth.

The adjoining ends of each two of the members of the frame are first connected by a crimped-metal tie 7, each of which is driven down into the wood from the rabbet 5.

A triangular block 8 is secured in each corner of the frame, and each block connects two members of the frame. The lower faces of said blocks are located flush with the horizontal sides of the rabbets 6, with their upper faces located below the horizontal sides of the rabbets 5, that is to say,—the blocks 8 do not extend up to the rabbet 5.

A triangular plate 9 is secured in each corner of the frame. Said plates are preferably formed of plyed material, in this instance being shown as three-ply material. Each of the plates 9 fits in rabbets 6 of two members, with their lower faces located flush with the lower edges of the frame members, and they extend inward beyond the inner edges of their respective blocks 8 with which they contact.

Numeral 10 denotes each of the four lagbolts, each having a square head, and each extends downward through its block 8 and its plate 9, with their heads located in the corners formed by two of the frame members,

with the heads contacting with the respective blocks 8, as shown in Fig. 5.

Each of the four legs are denoted by numeral 12, and they each have a socket aperture extending down thereinto through the center thereof from their upper ends, to receive their respective bolts 10.

After the bolts are in place, as in Fig. 5, then the legs 12 may be turned thereon until the upper ends of the legs contact tightly with their respective plates 9, as shown in Figs. 1 and 3.

Formed vertically through each of the members of the frame is one or more apertures 11, each to receive a screw therein, as hereinafter explained.

After the base has been formed, as set forth, the chifforobe may be set thereon, with the outer edges of the chifforobe resting in the rabbets 5, after which screws may be run up through the apertures 11 into the bottom of the chifforobe, whereby the chifforobe and the base will be securely but detachably connected together.

It will now be seen that the assembled parts as set forth will form a base of maximum rigidity and capable of easily carrying the weight which may be placed upon it, and otherwise accomplishing the various objects herein previously stated.

I desire that it be understood that the base may may be formed of any suitable material with the parts of various sizes and shapes, and that various changes may be made in the details thereof without departing from the spirit of the invention or of sacrificing any of the advantages thereof which are new and useful.

Having now fully shown and described my invention, what I claim and desire to secure by Letters Patent of the United States, is—

1. A furniture base comprising a frame with a rabbet formed at the upper inner corner thereof and a like rabbet formed at the lower inner corner thereof with both rabbets extending entirely around the base, a triangular block secured in each corner of the frame with the lower faces of said blocks located flush with the horizontal portion of the lower rabbet, a triangular plate contacting with the underside of each block and fitting in the lower rabbet, and a leg extending down from each of said plates.

2. A furniture base comprising a frame having rabbets in both its upper and lower inner corners and extending entirely around the inner face of the frame, a triangular block located in each corner of the frame and each secured to two members of the frame and with the lower faces of said blocks located flush with the horizontal portion of the lower rabbet, a triangular plate contacting with the underside of each of said blocks with their edges located in the lower rabbet, a lag-bolt located in each corner and each extending down through a block and a plate with the heads of the bolts located in the corners formed by two members of the frame, and a leg screwed onto each of said bolts with the upper ends of the legs in contact with their respective plates.

3. A construction comprising a frame with a rabbet formed at the lower inner corner thereof and extending entirely around the base, a block secured in the corners of the frame with the lower face of said blocks located flush with the horizontal portion of said rabbet, and a plate contacting flat with the underside of each block and fitting in said rabbet.

4. In combination with an article of furniture formed without a fixed base supporting means, a base on which said article of furniture may rest, said base comprising a frame having an upper rabbet in its upper inner edge in which the lower edge of the article of furniture may rest, there being a lower rabbet formed in the lower inner edge of said frame, a block secured in a corner of said frame with its lower face located flush with the horizontal part of said lower rabbet, a plate contacting flat with the underside of said block and contacting with the vertical portion of said lower rabbet, a lag-bolt extending down through the said block and plate with a square head formed on the upper end of said bolt and contacting with the upper face of said block and located in the corner of the frame whereby the bolt can not be turned, a leg threaded on said bolt and extending down from said plate, and means for detachably securing the base to an article of furniture.

5. A construction comprising a frame with the members thereof secured together at the corners of the frame, a triangular block connecting each two members of the frame at each corner of the frame, a plate secured to the underside of each block and the two adjoining members of the frame, a leg having its upper end contacting flat against the underside of each plate, and a lag-bolt extending down through each of said blocks and plates and threaded into the ends of their respective legs with the heads thereof in contact with their respective blocks.

ROY F. TAYLOR.