

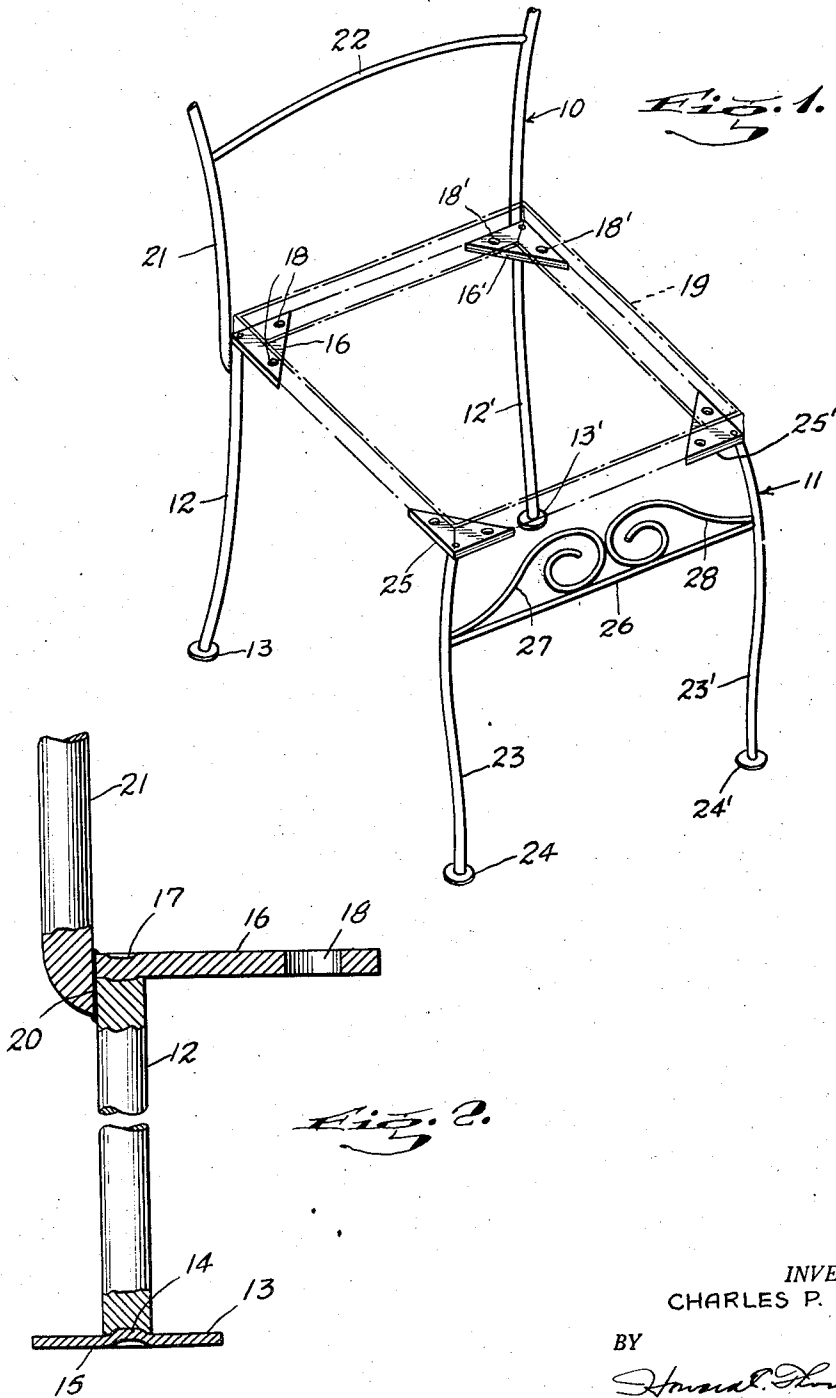
Sept. 9, 1958

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2,851,091

LEG UNITS FOR KNOCKDOWN CHAIRS

Filed March 12, 1956



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2,851,091

LEG UNITS FOR KNOCKDOWN CHAIRS

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Application March 12, 1956, Serial No. 570,847

1 Claim. (Cl. 155—196)

This invention relates to knockdown metal chairs. More particularly, the invention deals with a chair structure, wherein the back legs and front legs are made in leg unit assemblages, simplifying packaging and ultimate assemblage of the chair with a seat frame for support of the leg units in spaced relationship to each other.

Still more particularly, the invention deals with a chair structure of the character described, wherein the separate parts of each leg unit are welded together and, wherein, the welds are recessed in order to provide flush surfaces for engaging adjacent surfaces of supports or articles mounted thereon.

The novel features of the invention will be best understood from the following description, when taken together with the accompanying drawing, in which certain embodiments of the invention are disclosed and, in which, the separate parts are designated by suitable reference characters in each of the views and, in which:

Fig. 1 is a perspective view, diagrammatically illustrating a pair of leg units and indicating, in dot and dash lines, a seat frame arranged upon and indicating the spacing of the leg units one with respect to the other; and

Fig. 2 is an enlarged detail sectional view of one corner portion of one of the leg units.

In Fig. 1 of the drawing, I have shown a knockdown chair composed of a back leg unit 10 and a front leg unit 11. The back leg unit comprises two similar leg members 12, 12', to the lower ends of which are welded enlarged feet 13, 13', one of these feet and a part of the leg being shown in section in Fig. 2 of the drawing to indicate a recessed weld 14 in making the assemblage, the weld extending into the lower surface of the leg, as diagrammatically shown. This construction provides a flush lower surface 15 on the foot to engage any supporting surface upon which the leg is arranged.

At 16, 16' I have shown a triangular bracket, which is welded, as seen at 17, to the upper edge of the leg in a manner to dispose the triangular bracket with side edges in the position indicated in Fig. 1 of the drawing. The bracket 16 includes spaced apertures 18, 18' for reception of bolts, or other fasteners, in coupling a rectangular seat frame 19 therewith, the frame being indicated in dot-dash lines in Fig. 1 of the drawing for the reason that this frame forms no direct part of the present invention and is indirectly shown to simply illustrate assemblage of the two leg frames 10 and 11.

The rear legs 12, 12' have welded thereto, as seen at 20 in Fig. 2 of the drawing, an upwardly extending backrest portion 21, which can be curved or shaped to provide the desired contour and part of this backrest portion only is indicated in Fig. 1 of the drawing and one

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of the lower crossbraces 22 of the backrest portion is shown. This construction simplifies the production of leg frame units and enables the manufacturer to modify or change the structure and contour of the backrest portion, which is welded to the legs 12 in the manner defined.

The front leg unit 11 comprises two legs 23, 23' which, for the exception of the curvature thereof, are generally similar to the legs 12, 12' and include feet 24, 24' at the lower ends thereof, similar in all respects to the feet 13, 13'. Welded to the upper ends of the legs 23, 23' are triangular brackets 25, 25', similar in all respects to the brackets 16, 16' and again arranged in such manner as to adapt the same for mounting on the frame 19, as diagrammatically illustrated in Fig. 1. The leg members 23, 23' are integrally united by a crossrod 26, including ornamental rod portions 27, 28, which are welded to the leg members, so that the entire assemblage constitutes the leg unit 11, which, when detached from the rest of the chair assemblage, such for example as the seat frame 19, can be conveniently packed for shipment, together with the leg unit 10.

With articles of the type and kind under consideration, it has been customary to provide four independent leg members, which were attached to a seat frame with means for attaching a backrest portion to the leg members. By providing the unit assemblages 10 and 11, not only is packaging simplified, but the final assemblage of the chair is materially simplified, first, in providing a definite positioning and spacing of the leg members one with respect to the other in each unit and, further, by simply placing the seat frame on the leg members, as diagrammatically illustrated in Fig. 1, preparatory to attaching the several fastener devices which are employed.

Furthermore, a leg structure of the type and kind defined produces a strong and durable chair structure and effects a saving in the cost of production, particularly in modifying certain characteristics of the chair, such as the backrest portion, or the front bracing and ornamental portion of the front leg unit 11.

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

In knockdown metal chairs of the character described, a rear dual leg unit and a front dual leg unit, each unit comprising a pair of similar legs, the legs of each unit having enlarged flat disc-like feet at the lower ends thereof with countersunk welds extending into the ends of said legs, the upper ends of the legs of each unit having triangular brackets welded thereto by recessed welds extending into the upper ends of the legs and leaving flat upper surfaces on said brackets, said brackets being apertured for attachment of a rectangular frame thereto, means on each leg unit spaced with respect to said brackets joining and rigidly spacing the legs of said units, and said means of the front leg unit comprising a crossrod arranged in spaced relation to upper and lower ends of the legs of said unit.

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