Oct. 30, 1928.

1,690,025

G. W. LOVERIDGE

CHAIR ATTACHMENT

Filed June 11, 1927

Fig. 1.

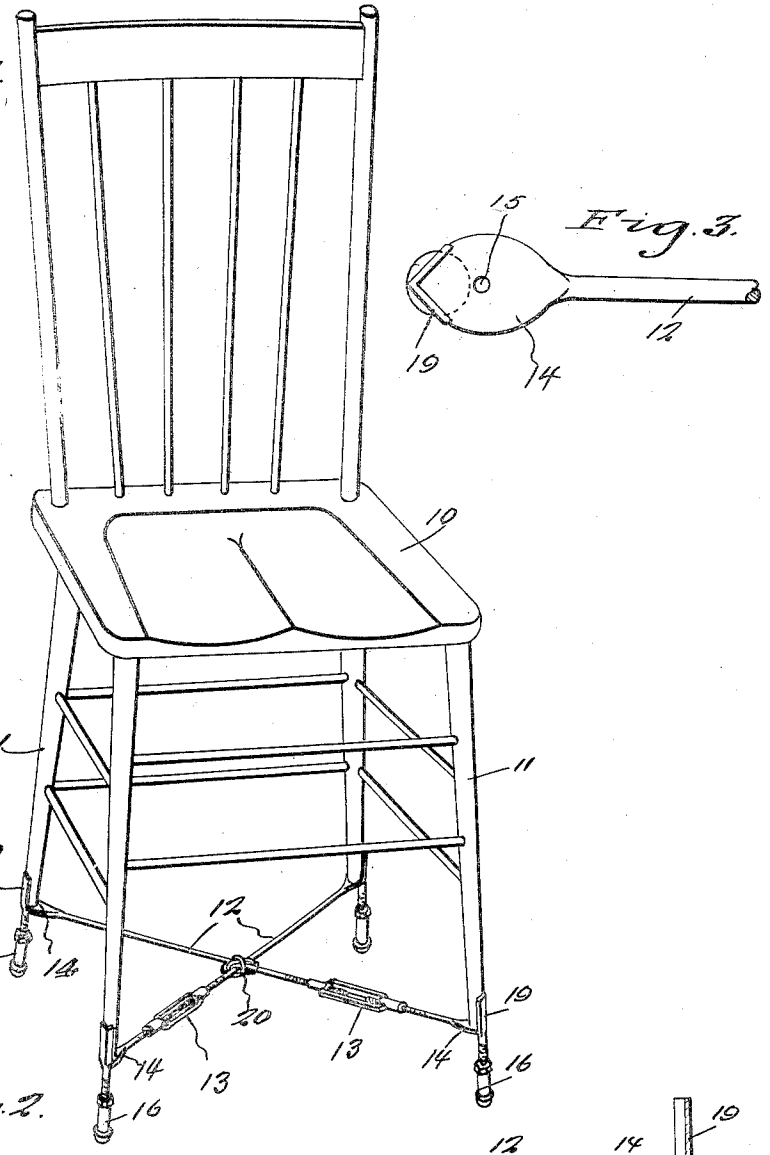


Fig. 3.

Fig. 4.

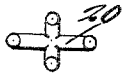
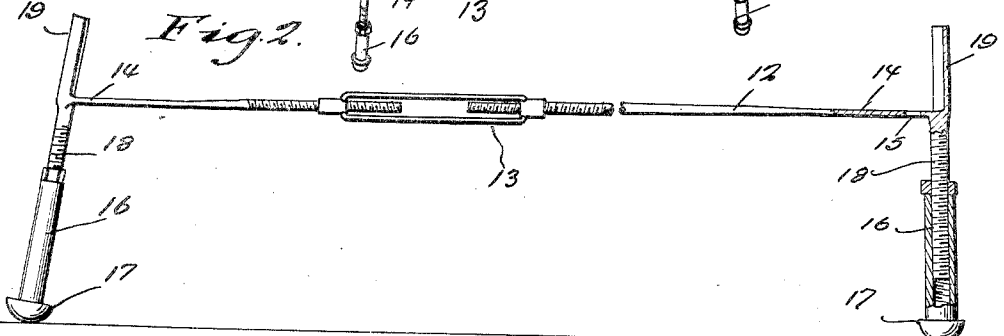


Fig. 2.



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WITNESS:

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UNITED STATES PATENT OFFICE.

GEORGE WILLIAM LOVERIDGE, OF REPUBLIC, WASHINGTON.

CHAIR ATTACHMENT.

Application filed June 11, 1927. Serial No. 198,164.

This invention contemplates the provision of a chair attachment, constructed for association with the legs of the chair for the purpose of varying the height of the chair as the occasion may require, as well as to strengthen the chair and add to the rigidity of the legs thereof.

In carrying out the invention, it is my purpose to provide an attachment for the above mentioned purposes, which can be manufactured and sold at a nominal cost, and one capable of being quickly and easily associated with or removed from the chair as desired.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a view of the chair showing the attachment applied thereto.

Figure 2 is a fragmentary detail view of the attachment partly in section.

Figure 3 is a fragmentary plan view of the attachment.

Figure 4 is a sectional view of the tie rod.

Referring to the drawing in detail, 10 indicates a chair of ordinary construction and wherein 11 represents the leg with which the attachment is adapted to be associated.

The attachment comprises a pair of crossed tie rods 12 adapted to be arranged diagonally between the legs of the chair as clearly illustrated in Figure 1, and while any suitable means may be employed for varying the length of the rods, I preferably make use of turnbuckles indicated at 13. The outer extremity of each rod 12 is formed to provide a relatively broad flattened surface 14 upon which the adjacent leg 11 of the chair reposes, and this portion 14 is provided with an opening 15 thru which a suitable fastening element is adapted to pass for the purpose of securing the rod to the leg of the chair. Each of these extremities 14 is joined to an adjustable leg extension each including a hollow tubular member 16 provided with a foot of rubber or any other suitable material indicated at 17. Adjustably associated with the tubular member 16 of each extension is a threaded portion 18 of the adjustable section of the extension, this threaded portion 18 depending from the tie rod 12. This adjustable extension also includes a portion 19 rising above the tie rod, which portion is substantially V-shaped in plan and arranged to engage the outer side of the adjacent leg as clearly illustrated in Figure 1. When the attachment is associated with a chair, the tie rod can be adjusted through the instrumentality of the turnbuckles 13, thereby drawing the angular shaped extension 19 into engagement with the legs of the chair to afford the latter maximum strength and rigidity. This is particularly true when the attachment is used with chairs, the legs of which are not rigidly connected therewith, or in other words, have become slightly loosened by wear or use. In addition to affording the chair this desired rigidity, making the chair perfectly safe for use, an ordinary chair may be adjusted to vary its height through the instrumentality of the adjustable leg section, thereby converting an ordinary chair into a high chair for children. If desired, the tie rods 12 may be jointed together at their point of intersection by a suitable clamp 20. The invention in its entirety is very simple in construction and can be both maufactured and sold at a nominal cost, and quickly attached to or removed from the chair as the occasion may require.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, and that such changes may be resorted to when desired, as fall within the scope of what is claimed.

What I claim is:

A chair attachment of the character described comprising a pair of tie rods adapted to be arranged diagonally between the legs of the chair, a turnbuckle included in the length of each rod, each rod terminating to

provide a relatively broad extremity upon which the adjacent leg of the chair is adapted to repose, each extremity having a central opening adapted to receive a fastening element for securing the leg thereto, an extension rising from the extremity and substantially V-shaped in cross section and adapted to engage the outer surface of the adjacent leg, a threaded portion depending from the extremity to one side of said opening and in align with said extension, and an adjustable foot associated with said threaded portion.

In testimony whereof I affix my signature.

GEORGE WILLIAM LOVERIDGE.