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H. GOODRICH.
COLLAPSIBLE CHAIR.
APPLICATION FILED JAN. 15, 1908.

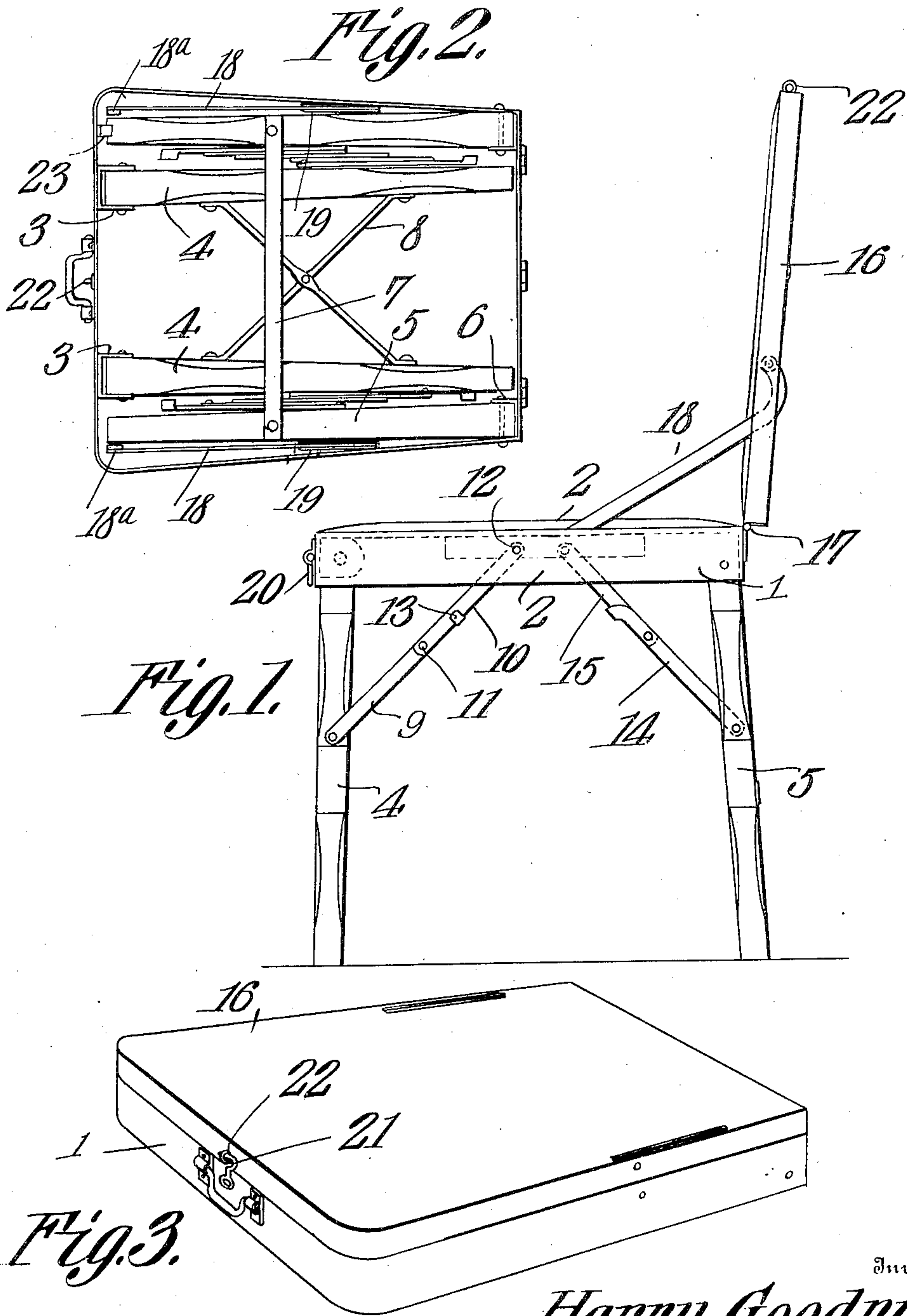


Fig. 3.

Witnesses

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HARRY GOODRICH, OF COUNCIL BLUFFS, IOWA.

COLLAPSIBLE CHAIR.

No. 897,737.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HARRY GOODRICH, a citizen of the United States, residing at Council Bluffs, in the county of Pottawattamie and State of Iowa, have invented a new and useful Collapsible Chair, of which the following is a specification.

This invention relates to collapsible chairs of that character designed to be carried in the hand from place to place, said chair being so constructed as to be quickly set up or folded.

Another object is to provide a chair which, when set up, constitutes a compact bundle which is not unattractive in appearance and which is light and conveniently carried.

Another object is to provide a chair which, when set up, is rigid, strong and durable and presents a neat appearance.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a side elevation showing the chair set up and ready for use. Fig. 2 is a bottom plan view of the same folded. Fig. 3 is a top perspective view of the device folded.

Referring to the figures by characters of reference, 1 designates a metallic seat frame having a cushion or seat bottom 2 of any preferred construction. The seat frame is preferably formed of a light strip of metal and the sides of the frame preferably converge rearwardly as indicated particularly in Fig. 2. Extending inwardly from the front portion of the seat frame are ears 3 arranged in pairs and pivotally mounted between the ears of each pair is one of the front legs 4 of the chair. These front legs are located at sufficient distances from the sides of the seat frame to permit the rear legs 5 of the chair to assume positions between the front legs and the sides of the seat frame, said rear legs being pivotally mounted between the sides of the seat frame and ears 6 extending inwardly from the rear of the seat frame. The two rear legs 5 are preferably connected by a cross brace 7 fastened to their outer or rear faces and designed, when the legs are folded into the seat frame, to lap the front legs 4 as indicated in Fig. 2. These front legs are also preferably connected by means of suitable braces 8. Pivotally connected to the outer side of each

front leg of the chair is a link 9 having another link 10 pivoted to it at a point between its ends as indicated at 11, said link 10 being pivotally connected to the seat as indicated at 12. That portion of link 9 which is designed to lap the link 10 has an offset hook 13 disposed, when the links are swung into alignment, to lap the link 10 and hold the two links in position. Similar links 14 and 15 are connected to each rear leg of the chair and to the seat. The links 14, however, are preferably pivotally connected to the adjoining faces of the rear legs 5 so that when the chair is folded the braces of the rear legs will not interfere with those of the front legs but will be disposed along parallel lines between the legs as shown in Fig. 2.

A back frame 16 preferably formed of a strip of sheet metal is hingedly connected to the rear portion of the seat frame as indicated at 17. This back frame has a brace 18 connected to each side, one end of the brace being curved and pivotally connected to the back frame while the other end extends through a slot 19 in one side of the seat and is bent laterally as at 18^a so as to prevent the withdrawal of the brace from the slot. With this construction it is obvious that when the back frame is folded downward onto the seat the link 18 is free to slide into the slot 19 and to assume a position between one side of the seat frame and one of the rear legs 5. The parts are so proportioned as to hold the back rigidly at a proper angle to the seat when the chair is in use. A suitable handle such as indicated at 20 is connected to the front of the seat frame and any desired means such as a hook 21 and staple 22 may be provided for locking the back onto the seat when the chair is folded and as indicated in Fig. 3.

It will of course be understood that when the parts are folded as shown in Figs. 2 and 3 they can be conveniently carried by means of handle 20. Whenever it is desired to set up the chair so that the same can be used the back 16 is unfastened from the seat frame and swung into raised position, after which the rear legs 5 are swung downward until the members 14 and 15 are brought into alignment. The front legs 4 are also swung downward until held by the members 9 and 10. When the parts are set up in this manner they are thoroughly braced and rigid and will support a person without danger of collapsing. Importance is at-

tached to the fact that the chair can be folded into a very compact bundle, easy to carry, the folded bundle presenting an attractive appearance.

- 5 If desired any suitable means such as a spring catch 23 may be connected to the seat frame so as to engage one of the rear legs of the chair when folded and thus fasten all of the legs within the seat frame
10 and prevent them from swinging therefrom while the folded chair is being carried.

What is claimed is:

- 15 A folding chair comprising a seat frame, foldable legs connected thereto and disposed, when folded, to be seated within said frame, a back frame hingedly connected to and foldable onto the seat frame, said seat

frame beingslotted between the sides thereof, and a brace pivotally connected to the inner face of one side of the back frame and slidable within the slot and between the sides of the seat frame, said brace being disposed when the back frame is folded onto the seat frame, to be completely housed within said frames, there being a stop upon the brace
25 for preventing its withdrawal from the slot in the seat frame.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HARRY GOODRICH.

Witnesses:

R. V. INNES,
J. P. HESS.