J. MANZARI.

BOOTBLACK CHAIR.

APPLICATION FILED MAY 13, 1919.

1,333,867.

Patented Mar. 16, 1920.

2 SHEETS—SHEET 1.

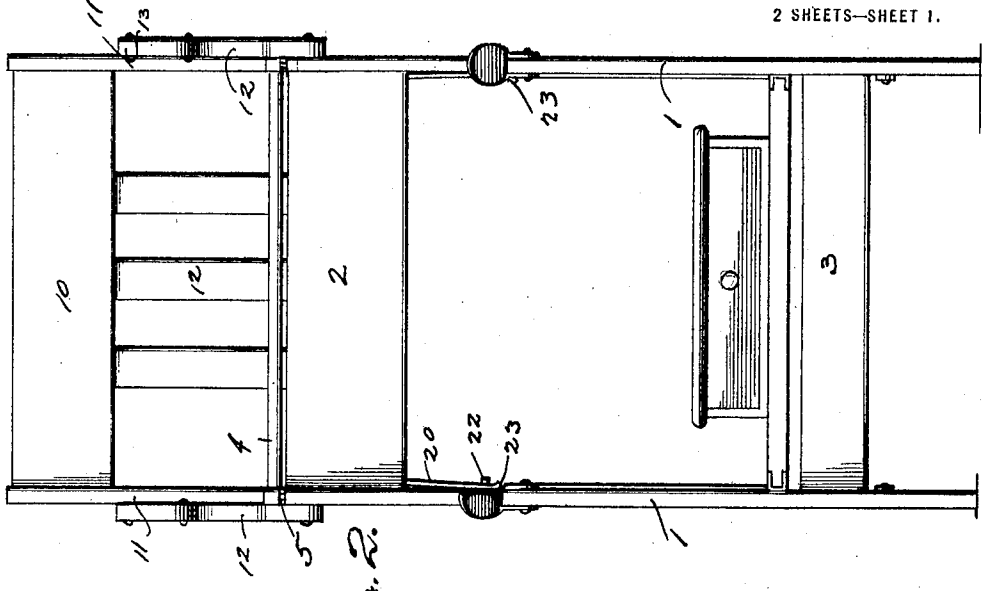


FIG. 2.

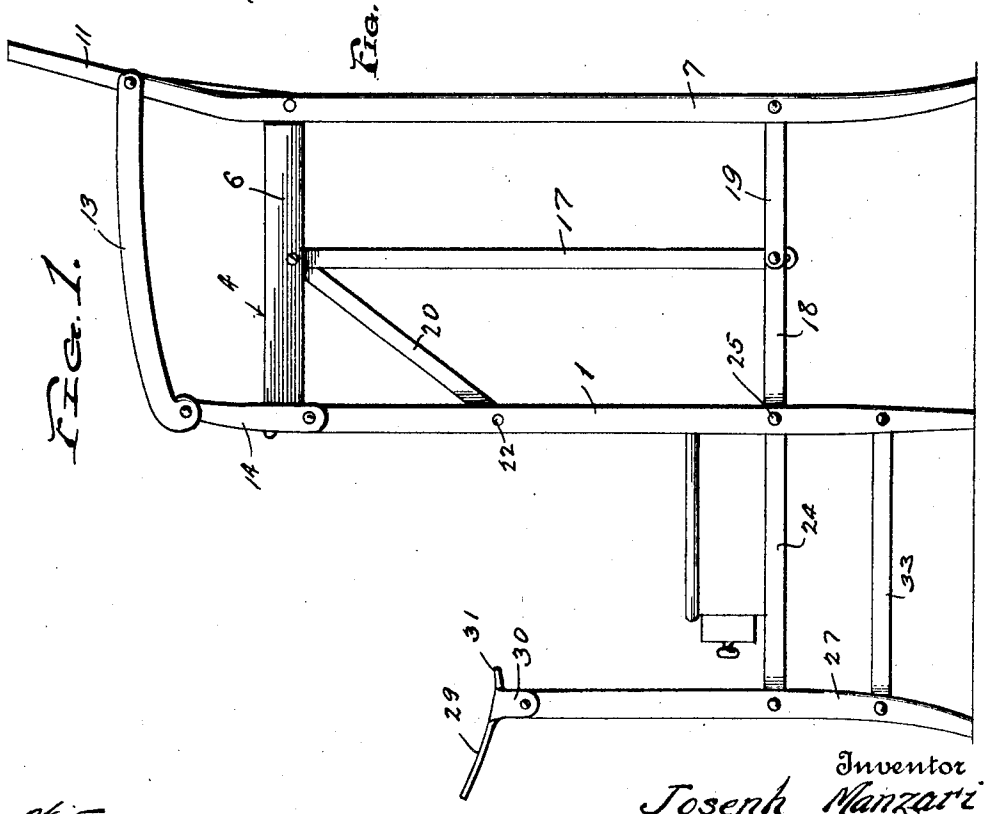


FIG. 1.

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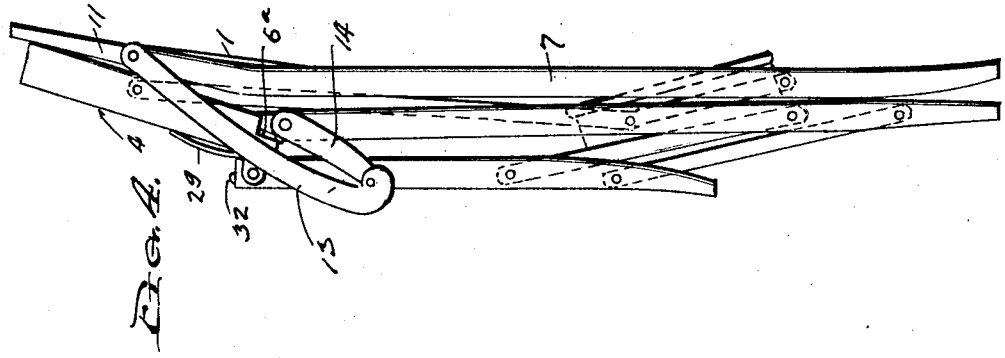


Fig. 4.

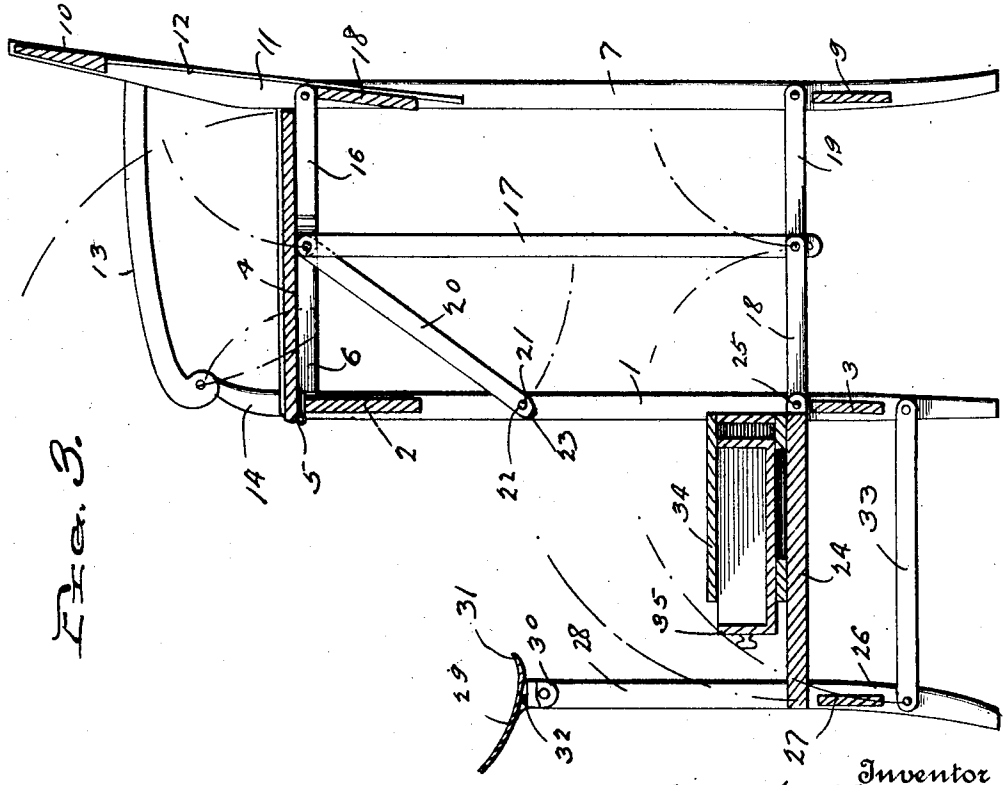


Fig. 5.

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UNITED STATES PATENT OFFICE.

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BOOT-BLACK CHAIR.

1,333,867. Specification of Letters Patent. Patented Mar. 16, 1920.

Application filed May 13, 1919. Serial No. 296,894.

To all whom it may concern:

Be it known that I, JOSEPH MANZARI, a citizen of the United States, residing at Corona, in the county of Queens and State of New York, have invented certain new and useful Improvements in Boot-Black Chairs, of which the following is a specification.

This invention relates to chairs, and more particularly to shoe shiners' or bootblacks' chairs.

The object of the invention is to provide a collapsible chair of this character which is light and easy to handle, yet strong and efficient in use, and which may be quickly and easily set up or collapsed at the will of the user.

Another object of the invention is to provide a chair of this character composed of a plurality of sections foldable one upon the other, so as to occupy a minimum amount of space when collapsed, rendering it easily handled and transported.

Another object is to provide a chair of this character with a pivoted foot rest so constructed that the person using the chair can scrape the mud from the bottom of his shoes.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 represents a side elevation of a chair constructed in accordance with this invention, set up ready for use,

Fig. 2 is a front elevation thereof,

Fig. 3 is a longitudinal vertical section, and

Fig. 4 is a side elevation showing the chair in collapsed position ready for storage or transportation.

In the embodiment illustrated, the chair constituting this invention comprises a front section composed of a pair of laterally spaced legs 1, connected rigidly by upper and lower bars 2 and 3, respectively, which may be of any desired width. A seat section 4 is hinged at 5 to the front section, and is designed to be connected with a back section in a manner presently to be described. This seat section 4 has side flanges 6 depending therefrom.

A back section is connected with the front section and comprises laterally spaced legs 7 rigidly connected by cross bars or plates 8, 9 and 10, the plate 8 being arranged at the upper ends of the leg portions, which legs are extended to form back supporting means 11, the upper ends of which are connected by the cross bar or plate 10. Vertical slats 12 connect the cross bars 8 and 10 and are spaced laterally as is shown clearly in Fig. 2. The extensions 11 of the legs 7 which form the back supports are preferably deflected rearwardly as shown clearly in Figs. 1 and 3 to render the back more comfortable. Arms 13 are pivotally connected at one end with the back members 11 about midway their length, and at their other ends are connected pivotally with front supporting members 14. These members 14 are in the form of slightly curved bars pivoted at their lower ends to the outer faces of the front legs 1 with their upper ends pivotally connected with the front ends of the arms 13.

Links 16 are pivotally connected at one end to the inner faces of the flanges 6 midway their length, and at their other ends to the inner faces of the upper ends of the legs 7 adjacent the upper edge of the cross bar 8 as is shown clearly in Fig. 3. A vertically disposed link or bar 17 is pivoted at its upper end on the pivot which carries the inner end of link 16, it being understood that there are two of these links 17, one being arranged at each side of the chair. Two links 18 and 19 corresponding in length to the links 16 are arranged at each side of the chair and pivotally connected at one end to the lower end of link 17, one being arranged on the inner face of said link 17 and the other on its outer face. These links 18 and 19 connect the front and back sections at their lower ends, the free ends of said links being pivotally connected with the legs 1 and 7 at points just above the cross bars 3 and 9, respectively,

Links 20 are connected with the pivots which connect the upper ends of link 17 with the flanges 6 and are provided at their other ends with apertures 21 designed to be detachably connected with studs 22 which project laterally and inwardly from the front legs 1 on their inner faces as is shown

clearly in Fig. 2. The free ends of these links 20 are preferably bent slightly outward to form finger grips 23 to assist in connecting or disconnecting them from the studs 22.

From the above description, it will be obvious that when the chair is in operative position, the seat section 4 will rest on the links 16 and the links forming the connection between the front and back sections when expanded into operative position will form a substantially right angular supporting structure, taken in connection with the cross bars of the two sections; and when the links 20 which are diagonally disposed, being inclined downwardly and forwardly from their pivoted points, are engaged with the studs 22, will lock the chair in upright position and prevent all danger of its accidental collapse.

An extension section is carried by the front section and foldable in relation thereto, being composed of a platform 24 pivoted at its inner end to the front legs 1 as shown at 25. The front end of this platform 24 is supported by legs 26 rigidly connected by a cross bar 27, and which are extended to form posts 28 on the upper ends of which are mounted foot rests 29. These foot rests 29 are preferably composed of metal having spaced apertured lugs 30 which are adapted to straddle the upper ends of the posts 28 and are pivotally connected thereto. The rear ends of these foot rests 29 are sharpened as shown at 31 to afford scrapers for cleaning off the mud from the shoes of the user of the chair.

The upper ends of the posts 28 are beveled to incline downwardly and rearwardly, and have rounded knobs 32 positioned adjacent their outer corners, and on which the foot rests are designed to be located when in operative position, and which prevent them from tilting forwardly beyond a certain point. When these foot rests are not in use and the chair is to be collapsed they are folded back into the position shown in Fig. 4 with their rear ends resting on the rear faces of the posts 28.

Links 33 are pivotally connected at their opposite ends with the front legs 1 below the cross bar 3, and with the legs 26 of the extension section below the cross bar 27 as is shown clearly in Figs. 1 and 3.

Mounted on the platform 24 and secured thereto is a box 34 which performs the double function of a step to assist the user in mounting the chair, and as a casing for a drawer 35 to be used for holding brushes, cloths and other implements used in shining shoes. This box or casing 34 which is open at its front end to receive the drawer 35, has said end spaced from the front edge of the platform a sufficient distance to permit the user of the chair to step on to the platform before ascending the step formed by the box.

In the use of this chair, when it is desired to collapse it for transportation or storage, it being in the position shown in Figs. 1 to 3, the links 20 are first disengaged from the studs 22 and then the rear end of seat 4 is lifted, which causes the links connected therewith to break joint and permit the front section to be folded flat against the rear section, the arms moving downwardly into the position shown in Fig. 4. The extension section is then collapsed by raising the front portion thereof and folding it flat against the front section, the parts assuming the position shown in Fig. 4, where they occupy a minimum amount of space and may be easily lifted by a single person and carried to any desired place.

When the chair is to be set up for use, the extension section is first swung down into position and then the front and rear sections are opened by exerting a lifting motion on the rear section to open up the links, and then moving the section downwardly to bring the links into locking alinement, and when the links 20 are connected with the studs 22, the parts of the chair will be held securely in position ready for use.

From the foregoing description, taken in connection with the accompanying drawings, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made as are within the scope of the claimed invention.

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

1. A collapsible chair of the class described comprising front and back sections foldable one on the other, and a seat section for holding them in extended position, said seat being hinged to one section at its upper end and having link connection with the lower end of said section and with the upper and lower ends of the other section.

2. A collapsible chair of the class described comprising front and back sections foldable one on the other, a seat section hinged to the front section and having link connection with the back section, links pivoted at one end to said seat section midway its width, studs carried by said front section at points below the seat, said links

being apertured at their free ends for engagement with said studs to lock the chair in open position.

3. A collapsible chair of the class described comprising front and back sections foldable one on the other, and an extension section foldably connected with the lower end of said front section, said extension section including a platform with upstanding posts at the front corners thereof, and foot rests pivotally mounted on the upper ends of said posts.

4. A collapsible chair of the class described comprising front and back sections foldable one on the other, and an extension section foldably connected with the lower end of said front section, said extension section including a platform with upstanding posts at the front corners thereof, and foot rests pivotally mounted on the upper ends of said posts, the ends of said posts being equipped with a means for limiting the forward swinging movement of the foot rests.

5. A collapsible chair of the class described comprising front and back sections foldable one on the other, and an extension section foldably connected with the lower end of said front section, said extension section including a platform with upstanding posts at the front corners thereof, and foot rests pivotally mounted on the upper ends of said posts, the upper ends of said posts being inclined downwardly and rearwardly to limit the forward swinging movement of said foot rests.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH MANZARI.

Witnesses:

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ANTHONY BRIENZA.