

J. DI ORIO.
FOLDING CHAIR AND STAND.
APPLICATION FILED OCT. 27, 1911.

1,046,055.

Patented Dec. 3, 1912.

Fig. 1.

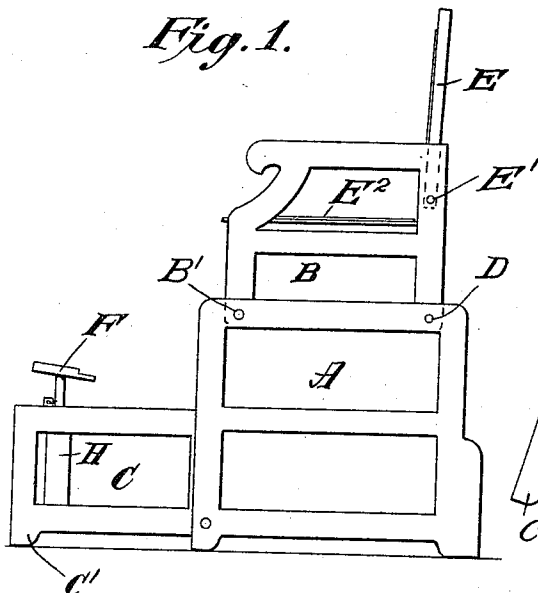


Fig. 2.

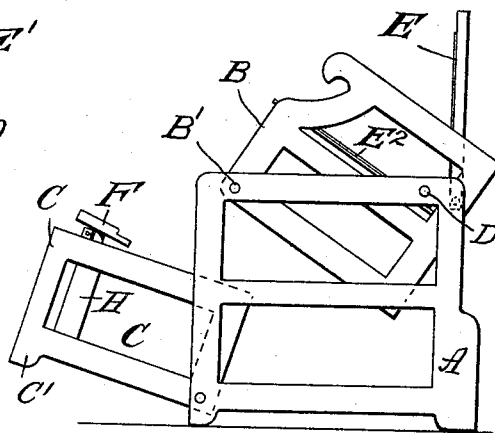


Fig. 3.

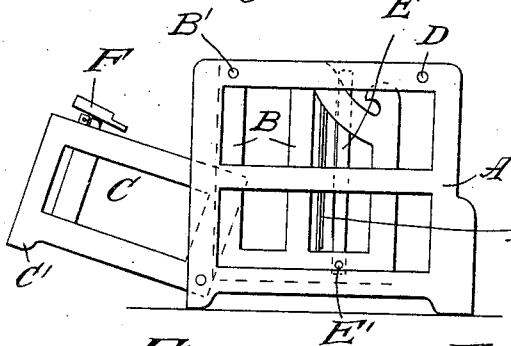


Fig. 4.

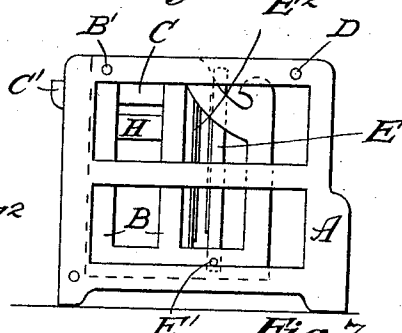


Fig. 5.

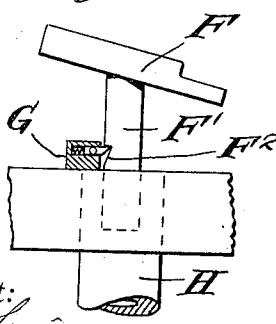


Fig. 6.

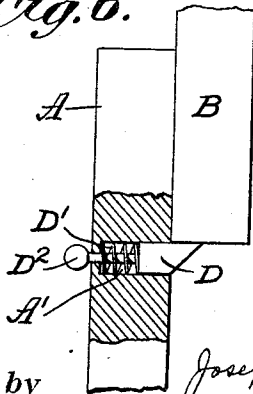
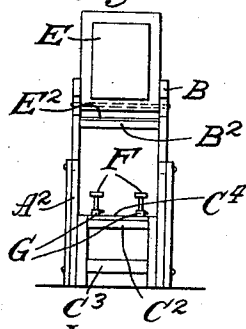


Fig. 7.



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UNITED STATES PATENT OFFICE.

JOSEPH DI ORIO, OF JERSEY CITY, NEW JERSEY.

FOLDING CHAIR AND STAND.

1,046,055.

Specification of Letters Patent.

Patented Dec. 3, 1912.

Application filed October 27, 1911. Serial No. 657,172.

To all whom it may concern:

Be it known that I, JOSEPH DI ORIO, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Folding Chairs and Stands, of which the following is a specification.

The invention relates to folding or collapsible chairs and the improvements involved are particularly useful in chairs used by bootblacks, but may be embodied in chairs or seats designed to be used for various purposes.

The objects of the improvements are, among others, to provide a simple, strong and durable folding-chair or stand of light and inexpensive construction adapted to be opened and closed and transported easily and without danger of injury, and to so construct the device that, when folded or collapsed, it will be so compact as to occupy comparatively little space.

The improvements consist in the construction, combination and arrangement hereinafter described and claimed and illustrated in the accompanying drawings.

In the said drawings Figure 1 is a side elevation of the bootblack chair or stand embodying the improvements unfolded or extended and ready for use. Fig. 2 is a similar view showing the chair partly folded. Fig. 3 is also a side elevation showing the chair proper folded and the stand carrying the foot rest about to be folded, and Fig. 4 is a view from the same point showing the chair entirely folded. Fig. 5 is an enlargement in side elevation of the foot rest and adjacent parts, showing the latch which holds the said foot rest in its uppermost position in vertical cross-section. Fig. 6 is an enlargement of the latch which normally holds the seat in its uppermost position with the post of the chair adjacent to the latch cut away. Fig. 7 is a reduced front view of the chair in the position of Fig. 1.

The main frame of the chair consists of rectangular frames A forming the sides and connected and spaced at their upper and lower front extremities by the seat B and stand C, respectively.

The seat B is pivoted at its forward lower extremity at B' between the frames A and when in position for use is supported by the back by the spring-latch D, which is normally held beneath its bottom rail by the

compression-spring D', and may be withdrawn from that position by the knob D². This latch works in a recess A' in the rear post of the frame A. The back E of the seat is pivoted near its lower edge to the rear upright of the seat at E' so that it may be turned down to lie upon the seat proper E² when the chair is folded. The seat is composed of two frames forming the uprights and arms, and these frames are connected by cross-bars B² which also support the seat proper.

The stand C consists of two rectangular side frames, with downwardly projecting feet C' at their outer extremities, and upper and lower cross-bars C², C³, these parts forming a hollow square supporting a cover C⁴ and within which articles used in connection with the chair may be stored if desired.

The foot-rest F is of usual form and is supported in its uppermost position by the latch G, which engages its post F'. A sleeve H receives the shank of the foot-rest and holds it in a vertical position at all times. When the latch G is withdrawn from the notch F² of the post it falls until the foot-rest rests upon the platform or cover of the stand. These provisions for adjustment prevent the foot-rest from interfering with other parts when the chair is folded.

For the purpose of strengthening the frame and positioning the box or stand C the side frames A are provided with an additional upright A² secured inside the forward uprights, and the pivot of the box extends through both uprights.

In operation, when it is desired to fold the chair, the back E is turned down, the latch D withdrawn and the seat allowed to fall (as shown in Figs. 1 and 3) to its lowermost position within the main frames of the chair, the box or stand C is then raised, and moved to its position inside the lower part of the seat (see Figs. 3 and 4) and the chair is then folded. The opening of the chair is the reverse of this operation.

What I claim as new is:

1. In a device of the character described the combination of a supporting frame, a chair proper pivotally mounted upon the supporting frame at the upper front portion thereof, said chair proper comprising a chair frame and a seat supported by the chair frame and spaced above the pivot upon which the chair proper is mounted so as to leave an open space beneath the seat, means

to hold the chair proper in elevated position, but permitting it to be swung into a position within the frame, and a stand pivoted at its lower corner to the lower portion of the supporting frame, so that when the seat is in lowered position, the stand may be swung within the supporting frame and housed within the open space below the seat.

2. In a device of the character described the combination of a supporting frame, a chair proper pivotally mounted upon the supporting frame at the upper portion thereof, said chair proper comprising a chair frame and a seat supported by the chair frame and spaced above the pivot upon which the chair proper is mounted, means

to hold the chair proper in elevated position, but permitting it to be swung into a position within the frame at substantially right angles to its upper position, and a stand connected with the lower portion of the supporting frame, so that when the seat is in lowered position, the stand may be swung within the supporting frame and telescope with the chair proper.

Witness my hand this 24 day of October 1911, at the city of New York, in the county and State of New York.

JOSEPH DI ORIO.

Witnesses:

Jos. A. VIMOR,
S. J. Cox.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."