N. J. GREENISON.

COMBINATION FURNITURE.

APPLICATION FILED AUG. 31, 1921.

1,427,588. Patented Aug. 29, 1922.

Fig. 1.

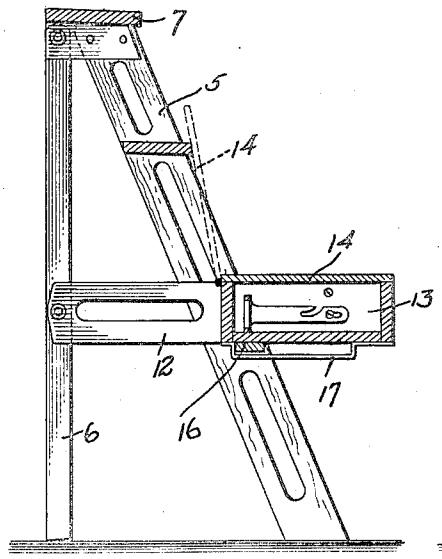


Fig. 2.

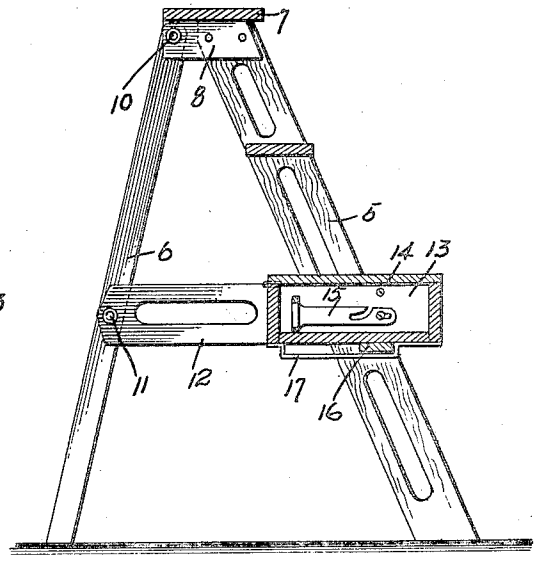


Fig. 3.

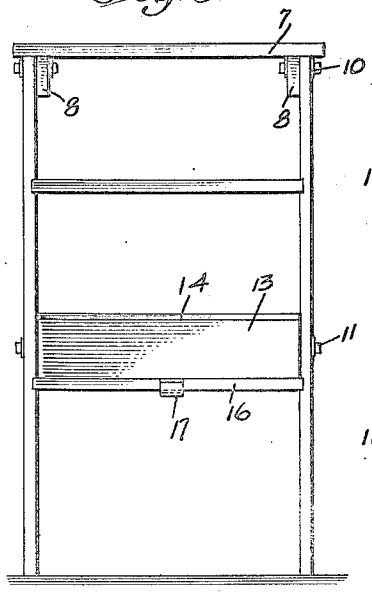
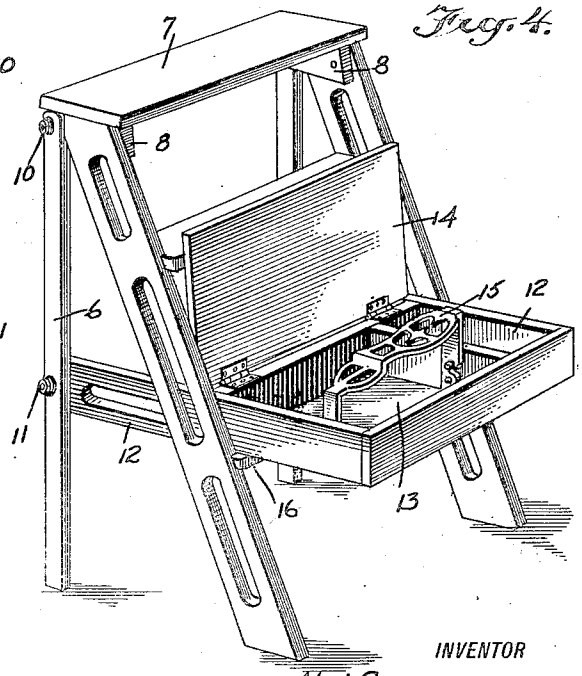


Fig. 4.



WITNESSES

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COMBINATION FURNITURE.

1,427,588. Specification of Letters Patent. Patented Aug. 29, 1922.

Application filed August 31, 1921. Serial No. 497,081.

To all whom it may concern:

Be it known that I, NELSON J. GREENISON, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county of Bronx and State of New York, have invented new and useful Improvements in Combination Furniture, of which the following is a full, clear, and exact description.

The present invention relates to new and useful improvements in combination furniture, and it pertains more particularly to an article of this type especially adapted for kitchen use.

It is one of the objects of the invention to provide a combined step-ladder, stool and shoe-shining box.

It is a further object of the invention to so construct the step-ladder that the spread thereof is limited by means carried upon the shoe-shining box.

It is a further object of the invention to so combine the ladder and shoe-shining box that the shoe-shining box may be used either as a stool or as one of the steps of the ladder.

With the above and other objects in view, reference is had to the accompanying drawings, in which—

Figure 1 is a vertical sectional view of the article of furniture shown in the position in which it is used as a stool;

Fig. 2 is a similar view showing the device used as a ladder;

Fig. 3 is a view in front elevation of the article of furniture;

Fig. 4 is a perspective view showing the manner of use as a shoe-shining stand.

Referring more particularly to the drawings, the reference character 5 designates the ladder flight, and 6 designates the props thereof. Rigidly secured to the upper end of the flight 5 is the top step 7 of the flight, and extending rearwardly from the upper end of the flight 5 is a brace 8, it being understood that one of these braces 8 is employed upon the upper end of each side rail of the flight, as more clearly shown in Figs. 3 and 4.

The props 6 heretofore mentioned are pivotally connected at their upper ends to the braces 8 as indicated by the reference character 10. Pivotally secured as at 11, to each of the props 6 and extending forwardly thereof, is a brace or the like, 12. Formed between the forward ends of these braces 12, is a box-like structure 13, adapted to be closed by a cover 14, and mounted within the box-like structure 13, is a swinging foot-rest 15 constructed after the manner shown in my prior United States Letters Patent No. 1,328,667, granted to me January 20, 1920.

The reference character 16 designates a brace connecting the side rails of the ladder flight 5, and the box-like structure 13 heretofore mentioned is slidably mounted on said brace. Secured to the bottom wall of the box-like structure 13, is a metallic strap 17, and the main body portion of said strap 17 is spaced with respect to the bottom wall of the box-like structure 13 in order to receive the transverse brace 16.

With the parts in the position shown in Fig. 1, it will be seen that the box-like structure 13 is projected forwardly of the ladder flight 5, and in this position the box-like structure may be used as a stool upon which a person may be seated, if desired. Also in this position, the cover 14 is free to move to the dotted-line position shown in Fig. 1 to give access to the interior of the box to use the shoe-shining apparatus therein. When the parts are in this position, the brace 16 engages the rear end of the strap 17 and prevents a folding of the props relative to the flight 5.

When the parts are in the position shown in Fig. 2, the transverse brace 16 of the flight 5 is engaged with the forward end of the strap 17 and when in this position, the box-like structure 13 is partly within the ladder flight 5, and the cover 14 thereof forms the lower step of the ladder. With the parts in this position, the engagement of the transverse brace 16 with the forward end of the strap 17, prevents a collapsing of the device when in use as a step-ladder.

From the foregoing it is apparent that the present invention provides an article of combination furniture, which is capable of use as a stool, a step-ladder and a shoe-shining box or stand, which shoe-shining box or stand forms the seat of the stool and one of the steps of the ladder.

I claim:

1. An article of combination furniture comprising a ladder flight, a prop therefor, a brace connecting the prop with the ladder, a shoe-shining box carried by said brace, a brace carried by the ladder flight and forming a support for said box, said box being slidably mounted thereon, and means car-

ried by the box to limit the movement thereof relative to the brace upon which it is supported.

2. As an article of combination furniture, a ladder, and a shoe-shining box, said box being carried by the ladder in such a manner as to provide one of the steps thereof in one position.

3. In a device of the character described, in combination, a ladder and shoe-shining box, said shoe-shining box being movable relative to the ladder, and carrying means for limiting its movement relative to the ladder, said shoe-shining box in one position serving as a seat and in the other position serving as one of the steps of the ladder, substantially as described.

NELSON J. GREENISON.