May 22, 1928. 1,671,013

J. J. CONNERS

STOOL

Filed Aug. 29, 1927

Fig. 1.

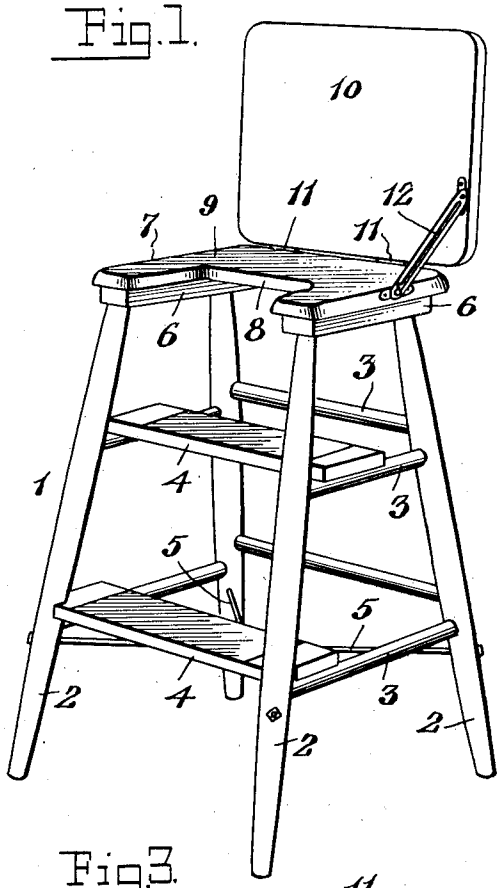



Fig. 2.

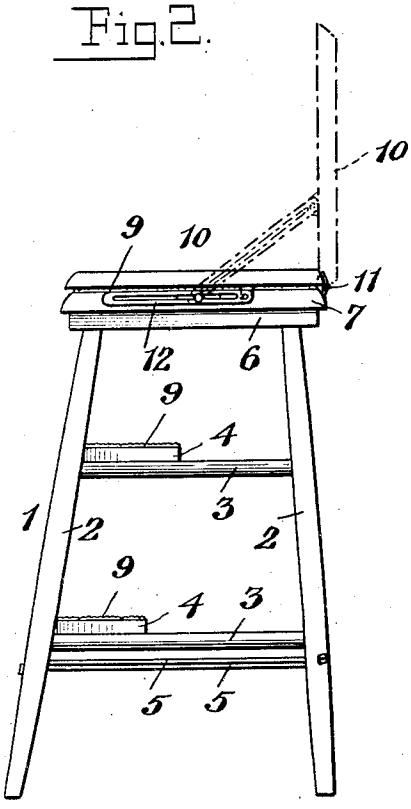
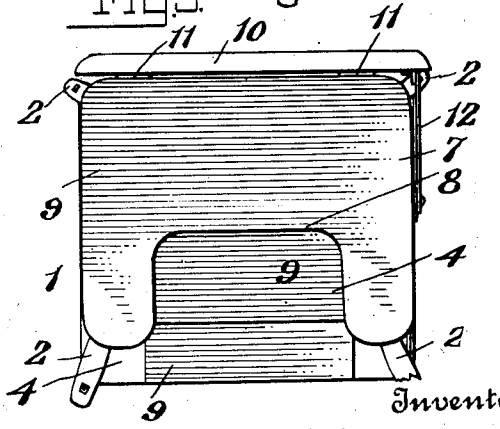



Fig. 3.




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By his Attorneys

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# UNITED STATES PATENT OFFICE.

JOHN J. CONNERS, OF TUCKAHOE, NEW YORK, ASSIGNOR TO FRANK & SON, INC., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

## STOOL.

Application filed August 29, 1927. Serial No. 216,215.

The object of my invention is to provide a stool which may have its top thrown to a position off the step immediately under it when in its normal position and to provide suitable steps by means of which this top step may be reached so that this stool may serve the double function of either a stool or a step-ladder, according to the position of the top.

This and other objects are accomplished by my invention, one embodiment of which is hereinafter more particularly set forth.

For a more detailed description of my invention, reference is to be had to the accompanying drawings, forming a part hereof, in which

Figure 1 is a perspective view of my improved stool with the top up so that it may be used as a step-ladder.

Figure 2 is a side elevation of the same with the top down so that the device may be used as a stool.

Figure 3 is a plan view of the structure shown in Figure 1.

Throughout the various views of the drawings, similar reference characters designate similar parts.

My improved stool, which has four legs 2, which may be made in the conventional manner and connected by suitable rounds 3, lower steps 4 and diagonal braces 5. The parts 3, 4 and 5 hold the legs 2 in fixed relation at all times and firmly.

The tops of the legs 2 carry the crossings 6 on which is mounted the top step 7 recessed at 8 as shown. Each step may be provided with a suitable rubber surface 9 to prevent a person using this stool as a step-ladder from slipping.

To the rear of the top step 7 is hinged a top 10 by means of suitable hinges 11 and a suitable brace 12, of the conventional kind, which is pivotally connected to the top 10 and top step 7, prevents the top 10 from going back too far and thereby straining the hinges. This brace 12 may be of any suitable form and is preferably made as shown with a sliding pivot at the end connected to the top step 7, although it may be made in any desired way. The form illustrated has the advantage of fitting close and under the top 10 when the same is lowered as shown in Figure 2.

In view of the foregoing, the use of my improved stool will be readily understood. When in the condition shown in Figure 2 it may be used as a stool and the feet of the person occupying the stool can be readily placed on a step 4 and so a comfortable position assumed. The top 10 is perfectly smooth and has no hinges or creases to render the same uncomfortable. When it is desirable to use the stool as a ladder, the top 10 is raised as shown in Figures 1 and 3 and indicated in Figure 2 and thereafter the stool may be used as a ladder and it will be noted that the top step 7 is extended on each side of the recess 8 so that when so used the heels of the person using the same may rest over the bars 6 and thereby give him a firm stand on the top step. The plan view in Figure 3 shows how each of the two lower steps is clear of any step or steps which are above the same so that easy access may be had to the top step at all times.

While I have shown and described one embodiment of my invention, it is obvious that it is not restricted thereto, but that it is broad enough to cover all structures that come within the scope of the annexed claims.

What I claim is:

1. A stool with legs and lower steps supported from said legs, a top step with a front recess so as to permit easy access to the lower steps and a cover hinged at the rear and adapted to normally cover the top step and recess but be removed therefrom when the stool is to be used as a step-ladder.

2. A stool with steps and a top hinged to the rear of the top step, legs supporting said steps, said steps being so arranged that easy access may be had to one step without interfering with another step, a recess in the top step to facilitate such access and a cover adapted to normally cover the top step and recess but be removed therefrom when the stool is used as a step-ladder.

3. A stool having a cover and three steps, the cover adapted to rest over the top step, said steps being arranged and disposed so that access may be had to one without inter-

ference from another, legs supporting said steps, hinges connecting the top step and cover at the rear and means for limiting the throw of the cover when raised from the top step.

4. A stool with legs supporting steps, a cover hinged to the top step at the rear and adapted to normally cover the same, said steps being so arranged and disposed that ready access may be had to each step without interference from any other step and diagonal braces connecting said legs to strengthen the structure.

In testimony whereof, I have hereunto set my hand this 26th day of August, 1927.

JOHN J. CONNERS.