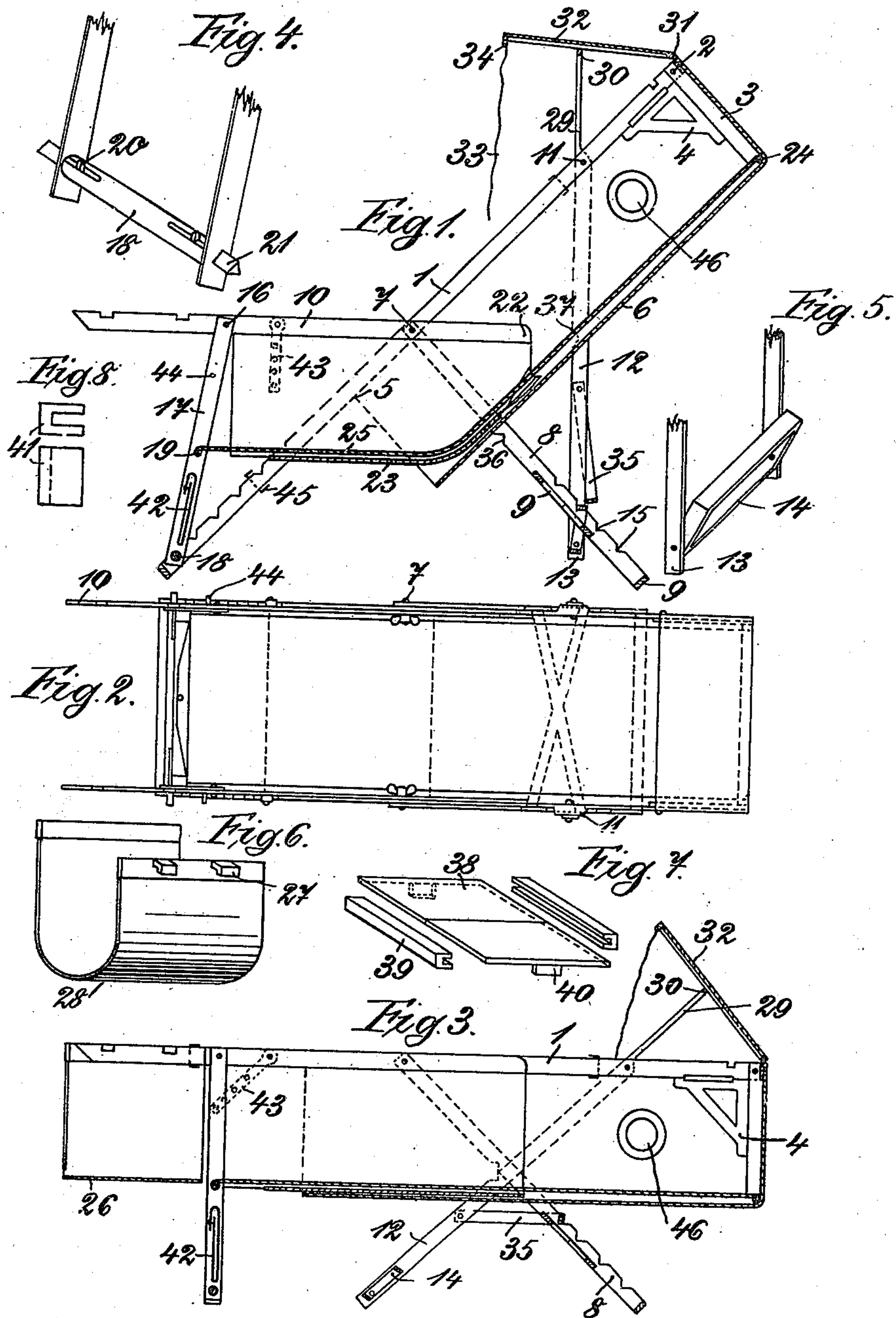


F. VON TIESENHAUSEN.
FOLDING STOOL.
APPLICATION FILED JULY 30, 1908.

976,136.

Patented Nov. 15, 1910.



Witnesses:
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UNITED STATES PATENT OFFICE.

FELIX VON TIESENHAUSEN, OF RIGA, RUSSIA.

FOLDING STOOL.

976,136.

Specification of Letters Patent.

Patented Nov. 15, 1910.

Application filed July 30, 1908. Serial No. 446,204.

To all whom it may concern:

Be it known that I, FELIX VON TIESENHAUSEN, a subject of the Russian Emperor, and resident of Riga, Livonia, Russia, have
5 invented certain new and useful Improvements in Folding Stools, of which the following is a specification.

The object of my present invention relates to a folding stool having a number of advantages compared with other well known folding stools. First of all my improved stool which can be quickly folded and unfolded is protected on all sides against the wind. Furthermore the stool can be changed
15 into a sofa.

In the accompanying drawing in which I have illustrated my invention like letters of reference refer to like parts throughout the various views.

20 In said drawings, Figure 1 shows a longitudinal section of my improved stool arranged as seat, Fig. 2 shows a plan view of Fig. 1, Fig. 3 shows a longitudinal section of my improved stool arranged as sofa, while
25 Figs. 4-6 show details of the stool.

The stool preferably made of wood consists of a frame 1 and of a frame 3 pivotally suspended at 2. The frame 3 is kept in a rectangular position in regard to the frame
30 1 by means of a triangular support 4 fastened by links on the frame 1. A sack 6 made of good linen, plaited work, leather or the like is fixed to the frame 1 between the points 2 and 5 and open to the front and bottom. Said sack is fastened to the frame by
35 cords twisted around the frame and drawn through little metal eyelets provided at the edges of the linen. The fastening of said sack to the frame can of course be done in
40 any other suitable manner *e. g.* by hooks and eyes or the like in order to facilitate a cleaning of the linen. The material used for the sack can be stiffened in any well known manner by whalebones, bamboos, or the like.

45 At the outside of the frame 1 I pivotally fasten at the pivots 7 small rails 8 connected at their feet by cross-rails 9. Rods 10 are also fastened to the pivots 7. In order to facilitate the taking apart of the stool I arrange thumb-nuts at the inside of the pivot
50 7. The supports 12 are fastened at 11 to the frame 1. Between the lower ends 13 I provide an angular pivotally mounted frame 14 which, after the erecting of the stool, engages notches 15 of the rail 8. The supports
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17 are fastened on the rods 10 by pivots 16 and at their feet connected by cross bars 18, 19. The cross bar 19 is of circular cross-section. The cross bar 18 contains pins 21 of triangular cross-section movable by
60 means of lugs 20, said pins engaging the notches of the frame 1. From the pivot 16 to the end 22 of the rails 10 I provide a piece of linen or the like in the same manner as above described. The cross-bars 24
65 and 19 are connected by a piece of cloth 23 having the width of the seat and resting above the straps of cloth 6 and 23. The cross bar 19 can be provided in any suitable manner with a toothed wheel and spring in
70 order to rotate said bar if the cloth needs to be tightened. To support the feet and the lower portions of the legs the part 28 is hooked into notches of the rod 10. The same consists of a narrow wooden bar or the
75 like 26 provided with hooks 27 or the like and connected by a piece of linen 28 exactly fitting the linen 23. If not in use this part 28 is hooked over the rod 10 thus covering the seat. The narrow prolongations 29 of
80 the rail 12 are connected by cross-bar 30 carrying a sunshade 32 pivotally mounted on the pin 31. The sunshade can be swung rearward.

During stormy weather the sunshade is
85 fixed by means of cords 33 to the hooks 34. Below the center of the rail 12 I suspend a frame 35 open at the top and capable of being turned to the rear. I furthermore place a notch 36 a little above the center of the
90 rail 12. These notches are so located that seen from the side they form a rectangular notch if the stool is changed into a sofa, whereby the rails 8 and 12 cross each other at a right angle (Fig. 3).
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For a better accommodation I can fasten to the stool a table 38, an ashpot, and other like conveniences in any suitable manner. The table is divided along its center and foldable. If unfolded guiding rails 39 are
100 placed over its longitudinal sides. Fastened to the broad sides of the table are little bars 40 made of wood or the like catching over the rails 10 if the table is employed. Two catches 14 serve to engage the above men-
105 tioned notches 36 and 37 if the same form the rectangular cutting. Table, ashpot, catches and the like are kept in the pocket 42 suspended below the rod 19. I furthermore provide hooks 43 of sheet metal or the
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like which engage buttons 44 of the rails 17 if the same are placed vertically or rearward.

The rails 1 are provided with metal catches 45 keeping rails 1 and 10 attached if the stool is used as sofa.

What I claim as new and desire to secure by a United States Letters Patent, is:—

A folding stool consisting of a frame, a sack made of linen or leather or the like attached to said frame, rods (8) pivotally fastened to about the center part of said frame, cross-rods (9) connecting said rods horizontal bars (10) pivotally attached to the turning point of said rods, vertical supports (12) pivotally attached to the upper part of the frame, a rectangular frame pivotally mounted between the lower ends of said supports engaging notches of said rods, vertical supports (17) pivotally attached to the front end of said bars (10), cross-bars (18, 19) connecting the lower part of said supports, movable pins of triangular cross-

section attached to the lower one of said cross-bars engaging notches of the lower ends of the frame, a rectangular sack made of linen or the like attached to said horizontal bars, a strap of linen connecting the cross-bar (19) with the upper free end of the frame (1, 2) resting upon the two sacks of linen means to tighten said strap of linen, a rectangular frame (35) pivotally fastened to said vertical supports (12), and notches (36, 37) arranged on the rods (8) serving to be engaged by said rectangular frame if the said stool is changed into a bed substantially as described and for the purpose set forth.

In testimony whereof I have hereunto signed my name this 16/29th day of November 1909, in the presence of two subscribing witnesses.

FELIX VON TIESENHAUSEN.

Witnesses:

JAMES WORTH,
LAURANCE HILL.