

April 6, 1943.

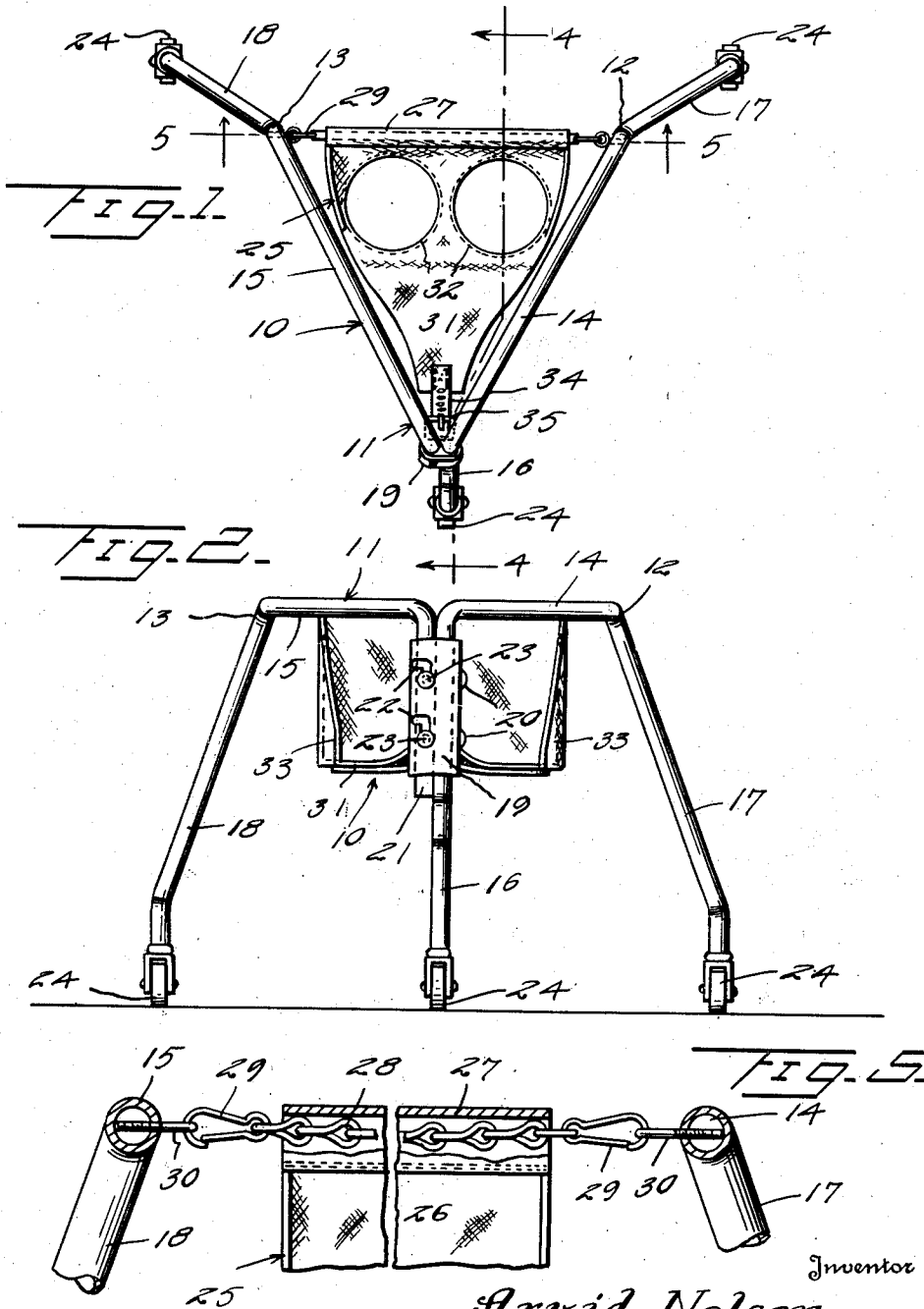
A. NELSON

2,316,100

FOLDING WALKING AND SKATING GUARD

Filed Dec. 4, 1941

2 Sheets-Sheet 1



Arvid Nelson

By *L. F. Randolph*
Attorney

April 6, 1943.

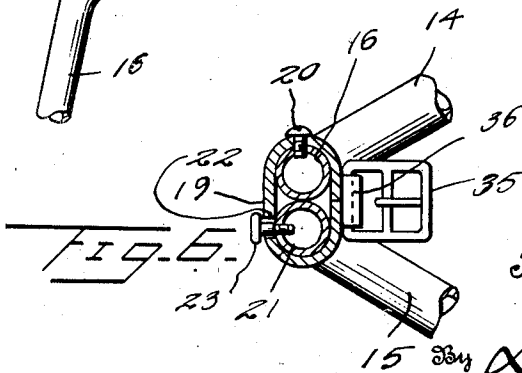
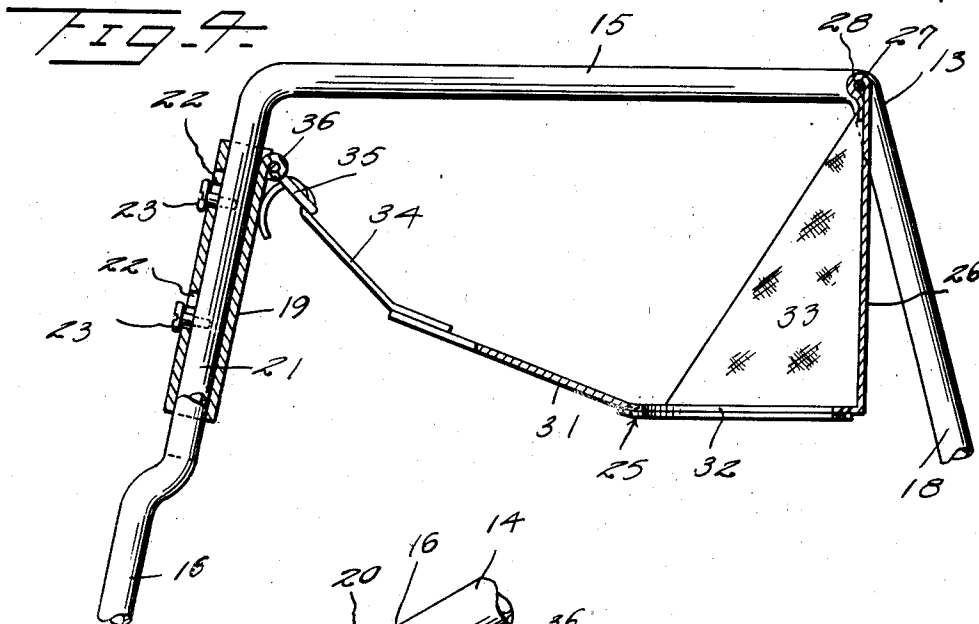
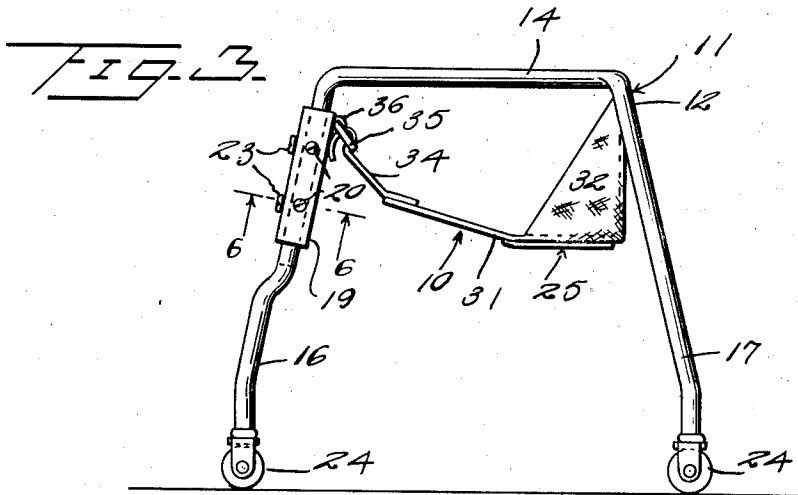
A. NELSON

2,316,100

FOLDING WALKING AND SKATING GUARD

Filed Dec. 4, 1941

2 Sheets-Sheet 2



Inventor

Arvid Nelson

A. F. Randolph

Attorney

UNITED STATES PATENT OFFICE

2,316,100

FOLDING WALKING AND SKATING GUARD

Arvid Nelson, Syracuse, N. Y.

Application December 4, 1941, Serial No. 421,675

6 Claims. (Cl. 155—22)

This invention relates to a novel mobile guard or support for use by small children in learning to walk, or by older children or adults while learning to skate, to eliminate the injuries caused by falls during the learning period.

More particularly, it is an aim of the invention to provide a tripod shaped support having forwardly converging, substantially horizontal upper portions forming hand rails, the ends of which are connected to a front leg and two rear legs which diverge downwardly.

Another object of the invention is to provide a mobile support or guard of the above described character having a detachable and adjustable fabric seat hung in the frame of the support.

A further aim of the invention is to provide means whereby the supporting frame, when in use, will be effectively held in an open position and by which the frame can be collapsed or folded, when not in use, and without disconnecting the parts of the frame.

Other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawings, which illustrate a preferred embodiment thereof, and wherein:

Figure 1 is a top plan view of the mobile guard or support,

Figure 2 is a front elevational view of the same,

Figure 3 is a side elevational view of the same,

Figure 4 is an enlarged fragmentary longitudinal sectional view taken substantially along the plane of the line 4—4 of Figure 1,

Figure 5 is a transverse vertical sectional view of the same taken substantially along the plane of the line 5—5 of Figure 1, and

Figure 6 is a horizontal sectional view taken substantially along the plane of the line 6—6 of Figure 3, with the seat detached.

Referring more particularly to the drawings, wherein like reference characters designate like or corresponding parts throughout the different views, 10 designates generally a mobile foldable walking and skating guard or support in its entirety and which includes a frame, designated generally 11, formed of frame sections 12 and 13.

The frame sections 12 and 13 are formed of metal, preferably steel, and are preferably tubular in order to provide a sturdy construction which will be light in weight. The sections 12 and 13 are provided with upper, substantially horizontally disposed portions forming hand rails 14 and 15, respectively. The hand rail 14 is provided at its ends with integral depending supporting legs 16 and 17. The hand rail 15 is pro-

vided at one end thereof, with an integral depending leg 18, corresponding to the leg 17. A sleeve 19, which is oblong in cross section, is mounted on the upper portion of the leg 16 and is detachably fastened thereto by means of screw fastenings 20. The hand rail 15 is provided with an integral depending portion 21 at its forward end, which is disposed in the sleeve 19. The portion of the sleeve 19, which is engaged by the portion 21, is provided with inverted L-shaped slots 22 in which are slidably disposed studs 23 which are detachably mounted in the member 21. The studs 23 are normally disposed in the lower ends of the slots 22 and when thus positioned hold the hand rails 14 and 15 in forwardly converging relationship to one another so that said hand rails meet at their forward ends and are spread at their rear ends, and as a result, the guard 10 is open at its rear end. Consequently, the leg 16 forms the forward leg of the support 10 and the legs 17 and 18 form the rear supporting legs thereof. The legs 16, 17 and 18 are disposed in downwardly diverging relationship to one another, as best seen in Figure 1, and are provided with casters 24 at their lower ends. The upper, horizontal portions of the slots 22 extend away from the leg 16, so that by lifting upwardly on the frame section 13 the studs 23 can be moved to positions so that the portion 21 can turn in the sleeve 19 to swing the section 13 toward the section 12 so that the hand rail 15 will be disposed against the hand rail 14 for collapsing or folding the supporting frame 11, when not in use. The weight of the section 13 will hold the frame 11 locked in an open or extended position, as seen in Figures 1 and 2.

The support 10 also includes a fabric seat 25 which is hung in the frame 11 and which includes a back portion 26 having a fold 27 at its upper edge through which extends a flexible member 28 which is provided with snap hooks 29 at the ends thereof. The hand rails 14 and 15 are provided with inwardly extending eye screws 30 to which snap hooks 29 are detachably connected for supporting the rear end of the seat 25. The seat 25 is provided with a forwardly tapered bottom 31, the rear part of which is provided with leg openings 32 and upwardly extending sides 33. A belt strap 34 is attached at one end to the tapered forward end of the bottom 31 and adjustably and detachably engages a belt buckle 35 which is mounted on a barrel portion 36 formed on the upper, rear part of the sleeve 19.

It will be obvious that the guard or support 10 can be made in various sizes and can be used, with the seat 25 attached, as a baby walker and when so used the baby's legs would extend through the leg holes 32 so that the support 10 will support the weight of the child and the hand rails 14 and 15 can be grasped to enable a child to steady itself while learning to walk. Larger size supports 10 may be used, with the seat 25 detached, for learning to roller skate and when so used the hand rails 14 and 15 are grasped for balancing the skater.

Obviously, if desired, runners or blades, not shown, could be substituted for the casters 24 to enable the support or guard 10 to be used by children or adults while learning to ice skate.

Various modifications and changes are contemplated and may obviously be resorted to, provided they fall within the spirit and scope of the invention as hereinafter defined by the appended claims, as only a preferred embodiment thereof has been disclosed.

I claim as my invention:

1. A mobile support comprising a frame having an angular upper portion formed of forwardly converging members, depending supporting legs, surface engaging means connected to the lower ends of said legs, said frame consisting of two members, one of said members having a leg at each end thereof, and the other member having a leg at its rear end only, and means to connect the forward end of the last mentioned member to the front leg of the first mentioned member.

2. A mobile support comprising a frame having an angular upper portion formed of forwardly converging members, depending supporting legs, surface-engaging means connected to the lower ends of the legs, said frame consisting of two members, one of said members having a leg at each end thereof, sleeves secured to one of said legs, and the other member having a leg at one end and a depending portion at its other end engaging in said sleeve and rotatable therein, and means to hold the members from rotation in operative position.

3. A support as in claim 1, one of said members having a leg at each end thereof, and the other member having a leg at its rear end only,

a sleeve connected to the forward leg, said last mentioned member having a depending portion, at its forward end, disposed in the sleeve, and means for connecting the depending portion to the sleeve.

4. A mobile support comprising a frame having two upright members, each of said members having a horizontal upper portion, one of said members having a supporting leg at each end thereof, a sleeve secured to one of said legs, the other member having a supporting leg at one end and a depending portion at the other end engaging in said sleeve, the sleeve having an angular slot therein, and a stud on said depending portion engaging in said slot providing means to pivotally move the members relatively to one another and to hold said members in angular relation to one another.

5. A mobile support comprising a frame having an angular upper portion formed of forwardly converging members, depending supporting legs, surface-engaging means connected to the lower ends of the legs, said frame consisting of two members, one of said members having a leg at each end thereof, sleeves secured to one of said legs, and the other member having a leg at one end and a depending portion at its other end engaging in said sleeve and rotatable therein, means to hold the members from rotation in operative position, and a flexible member connecting the other ends of said members to provide a triangular enclosure.

6. A mobile support comprising a frame having an angular upper portion formed of forwardly converging members, a frame consisting of two members, one of said members having a leg at each end thereof, a sleeve secured to one of said legs, the other member having a leg at one end and a depending portion at its other end engaging in said sleeve and rotatable therein, and means to hold the members from rotation in operative position, a flexible member connecting the other ends of said members to provide a triangular enclosure, and a fabric seat detachably mounted on said flexible member and to one of said supporting legs.

ARVID NELSON.