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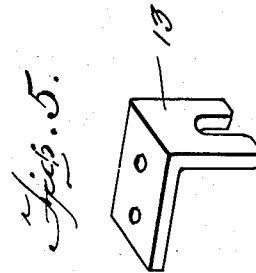
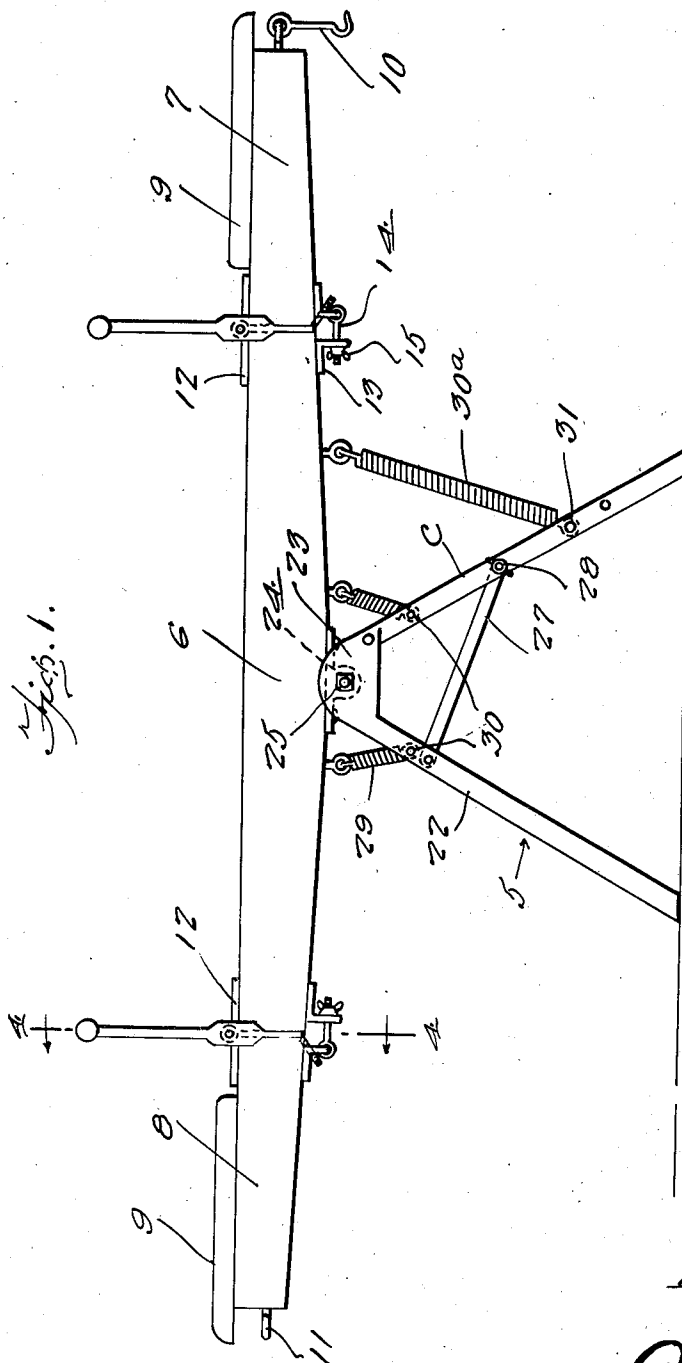
E. V. OLSON

2,198,947

COLLAPSIBLE TEETER-TOTTER

Filed March 21, 1939

2 Sheets-Sheet 1



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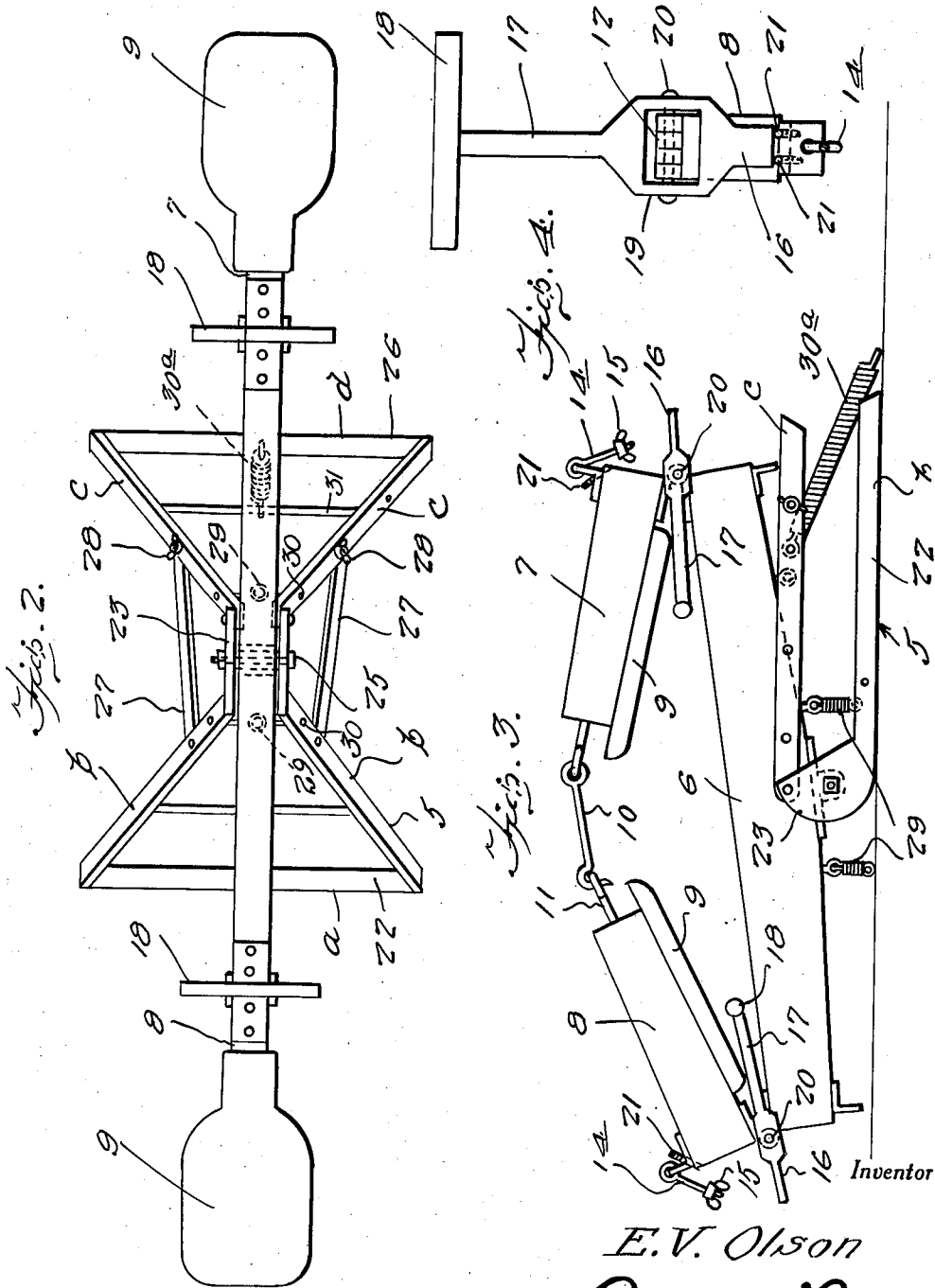
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UNITED STATES PATENT OFFICE

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COLLAPSIBLE TEETER-TOTTER

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Application March 21, 1939, Serial No. 263,237

2 Claims. (Cl. 272-54)

This invention relates to new and useful improvements in amusement and exercising apparatus and more particularly to an improved teeter-totter.

5 The principal object of the present invention is to provide a collapsible teeter-totter which can be readily collapsed to permit storing in a limited space or to facilitate transportation.

10 Other objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings—

Figure 1 represents a side elevation of the apparatus in extended position.

15 Figure 2 is a top plan view.

Figure 3 is a side elevation of the structure in collapsed form.

Figure 4 is a sectional view taken substantially on the line 4-4 of Figure 1.

20 Figure 5 is a perspective view of one of the keepers.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the apparatus includes a stand 5 on which is mounted the swingable structure made up of the elongated intermediate section 6 and the end or seat sections 7-8. These sections 7-8 have the seat plates 9 suitably secured thereon and the section 7 carries the swingable hook 10 and the section 8 the eye 11, so that when the sections 7-8 are folded upon the intermediate section 6 as shown in Figure 3, the section 7 can be hookedly connected with the section 8.

25 The sections 7 and 8 are connected to the ends of the intermediate section 6 by hinges 12. The bottom of each end portion of the section 6 carries the notched angle member or keeper 13 which receives the free end portion of the swingable eye bolt 14 carried by the opposed ends of the sections 7 or 8. A wing nut 15 is provided on each of the eye bolts 14 and this can be fed inwardly on the eye bolt and against the keeper 13 to hold the corresponding sections 7 or 8 in proper relation with respect to the intermediate section 6 and against the depending straight portion 16 of the corresponding handle post 17. These handle posts have the hand bars 18 at the upper ends while their lower ends are provided with frames 19 which encompass the hinges 12 and through the side portions of which extend the hinge pins 20. Set screws 21 are provided on the end sections 7 and 8 and are feedable toward or away from the corresponding apron portion 16 so as to adjust the corresponding seat sections 7 or 8 to prevent sagging.

55 The support 5 consists of the strap frame unit

22 made up of the base portion *a* and the up-standing converged leg portions *b-b* which are provided with laterally disposed head portions 23 at their upper ends, downwardly between which depend the bearing structure 24 on the bottom of the intermediate section 6 and through the said portions 23 and bearing 24 extends the fulcrum pin 25.

Pivotaly connected to each of the heads 23 is the upper end of corresponding legs *c-c* rising from the base portion *d* of the strap frame 26. Brace members 27 extend from the frame section 22 and are secured to the legs *c* of the frame 26 by bolts and winged nuts 28. Counterbalancing springs 29 extend downwardly from the intermediate section 6 to connect the cross bars 30 between the legs *b-b* and *c-c*. Numeral 30a represents a supplemental spring extending downwardly from the intermediate section 6 to connect to the cross bars 31.

Obviously, by releasing the eye bolt 14, the sections 7 and 8 can be swung upwardly and onto the intermediate section 6 after the springs 29 and 30 have been released, and subsequent of the brace members 27 can be disconnected so that the stand can be also collapsed.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

1. An amusement apparatus comprising a stand, a swingable occupant supporting member mounted on the stand, said occupant supporting member being provided with swingably mounted seat sections at the ends thereof, and handle posts adapted to be clamped between the seat sections and the occupant supporting member.

2. An amusement apparatus comprising a stand, a swingable occupant supporting member, occupant supporting seats at the end of the said swingable occupant supporting member, hinge structures connecting the seat to the ends of the supporting member, each of the hinge structures including a hinge pin, a handle structure for each occupant seat, each of the handle structures including a frame formation for embracing the corresponding hinge structure and having a portion depending between the corresponding seat structure and end of the supporting member, the hinge pin of the corresponding hinge structure being disposed through the said frame formation.

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