

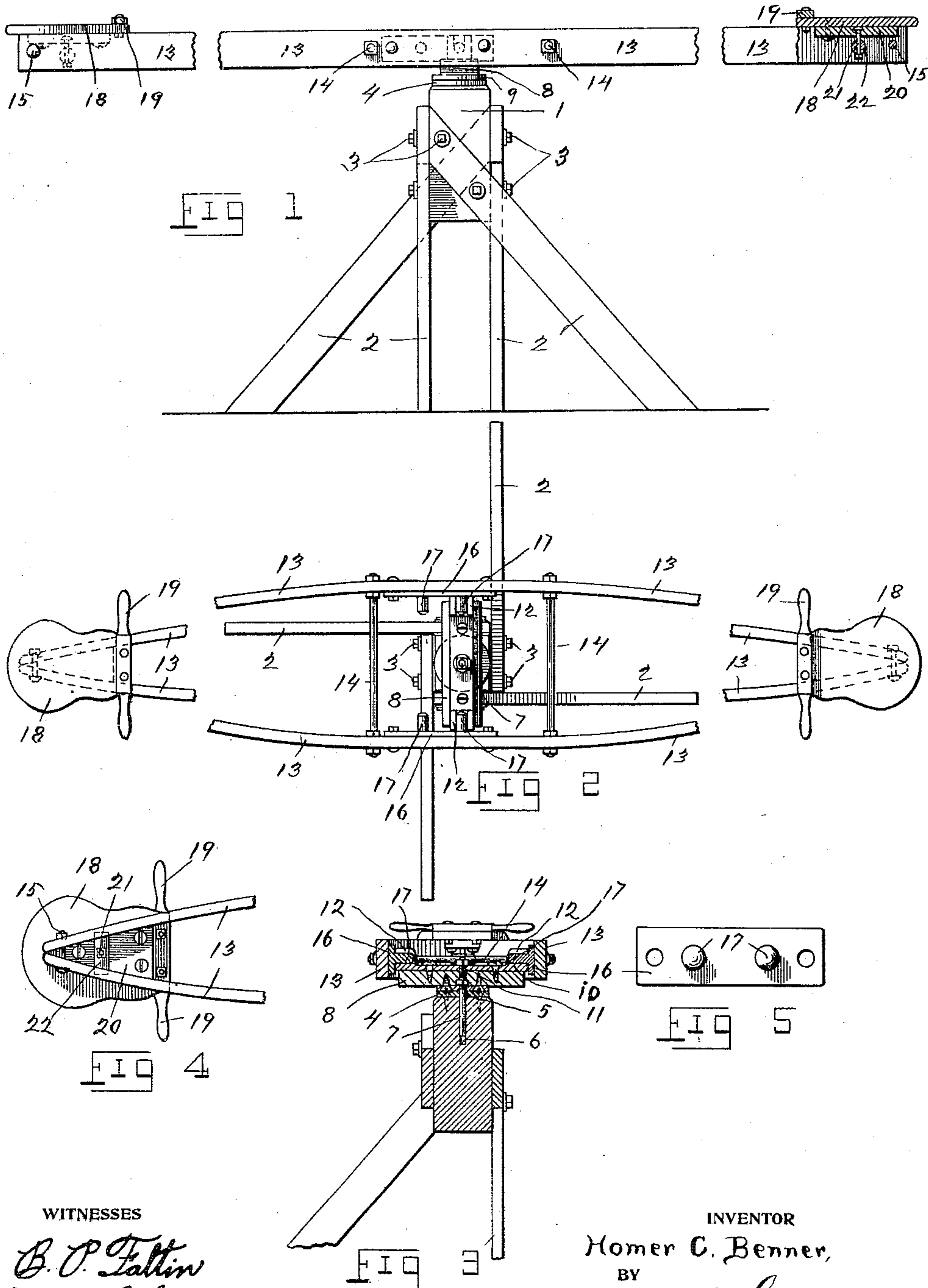
H. C. BENNER.

SEESAW.

APPLICATION FILED SEPT. 29, 1910.

Patented June 20, 1911.

995,433.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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SEESAW.

995,433.

Specification of Letters Patent. Patented June 20, 1911.

Application filed September 29, 1910. Serial No. 584,395.

*To all whom it may concern:*

Be it known that I, HOMER C. BENNER, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Seesaws, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to a combined seesaw and merry-go-round, of that class where the seesaw is mounted upon a vertical pivot which is secured in a base or standard in such a way that the seesaw has a swivel or  
15 circular motion as well as a vertical movement.

The objects of the invention are to provide a device of this class which shall be tight, strong, durable and easily knocked  
20 down for transportation.

Another object of the invention is to provide means whereby the seesaw may be instantly adjusted longitudinally so as to balance persons of different weights.

25 With these and other objects in view my invention consists in certain construction and combination of parts as will hereinafter be fully described and claimed in the annexed specification and illustrated in the accompanying drawings, which form a part of this application, and in which like figures of reference refer to corresponding parts in all of the views; but it is fully understood that while I have here described my inven-  
30 tion as shown, that I do not confine myself to the exact description as shown, as slight changes may be made in the construction and arrangement of the several parts without departing from the spirit of the inven-  
40 tion.

In the drawings:—Figure 1, is a side elevation of the device, showing one end partly in section to illustrate the manner of attaching the seats. Fig. 2, is a top plan view of the same. Fig. 3, is a vertical cross sectional view through the center. Fig. 4, is a detail view of the under side of one of the ends of the seesaw. Fig. 5, is a detail view of one of the trunnions.

50 Referring to the drawings, the device comprises a standard 1, which is provided with the legs 2, secured thereto by the lag screws or bolts 3.

To the upper end of the standard 1, is secured the lower member of a turn-table or washer 4, which is provided with a central

orifice 5, which registers with a vertical hole 6, in said standard 1, for the reception of a pivot pin 7, which is mounted therein. Secured upon the upper end of said pivot pin 7, is a cross bar 8, which has attached to the lower surface thereof the upper member 9, of the turn-table; and upon its upper surface is secured the casting 10, which is formed with the central hole 11, for the pivot pin 7, and said casting 10, is also provided with the U-shaped bearings 12, upon the ends thereof.

The seesaw proper comprises the side bars 13, which are spaced apart midway their ends by the brace rods 14, which are threaded upon either end and provided with nuts upon either side of said bars 13. The outer ends of the side bars 13, are brought together and secured by the bolts 15. To the inner surface of the side bars 13, between the brace rods 14, are secured the trunnion castings 16, which are formed with the trunnions or studs 17, which are arranged exactly opposite each other, one set being midway the ends of the seesaw, so that the same will balance when two persons of approximately even weight are on said seesaw, and the other set of studs 17, are set to one side of the center, so that the seesaw may be shifted to accommodate persons of different weights; said studs 17, being adapted to rest in the U-shaped bearings.

The ends of the seesaw are provided with the seats 18, which have secured to the forward ends thereof the hand-grips 19; while to the bottom of said seats 18, is secured a V-shaped block 20, which conforms to the angle formed by the joining of the side bars 13. Said block 20, is provided with a depending bolt 21, which is secured to a dowel or pin 22, having its ends secured in said bars 13. In this way the seats are detachably secured to the seesaw and may be removed for shipment.

The operation of the device is too well known to necessitate further description.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

1. In a seesaw of the class described, the combination of a support provided with legs and having a trunnion bar swivelly mounted thereon, a balance beam comprising side bars bowed in the center and having their ends detachably joined together, braces for securing said side bars in a bowed

position, trunnions secured to the sides of said balance beam and adapted to engage said trunnion bar, and seats detachably secured between the ends of said balance bar.

- 5 2. In a seesaw of the class described, the combination of a support provided with legs, a swivel cross-bar mounted thereon, said cross-rod provided with trunnion bearings, a seesaw member comprising bowed side  
10 bars, detachably secured together near their ends, brace rods spacing and securing together said side bars near the center thereof,

a plurality of trunnions secured to said side bars and adapted to rock upon said cross-bar bearings, seats formed with hand-grips 15 and detachably secured between said side bars near the ends thereof.

In testimony whereof I affix my signature in presence of two witnesses.

HOMER C. BENNER.

Witnesses:

WM. J. COULTER,

JOHN J. THOMPSON.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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