Dec. 19, 1933. C. H. SHAFFER 1,939,927

SEESAW

Filed July 29, 1932

Fig. 1.

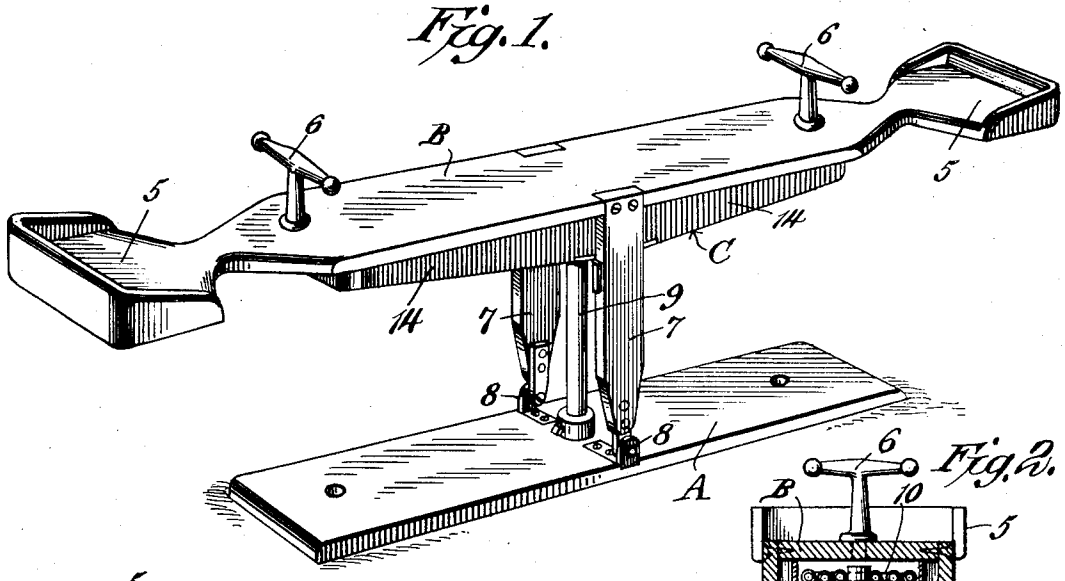


Fig. 2.

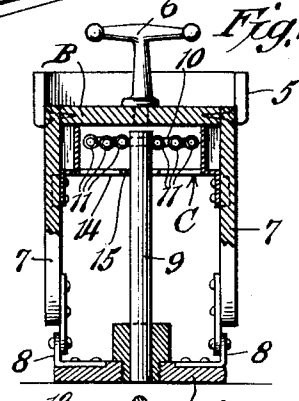
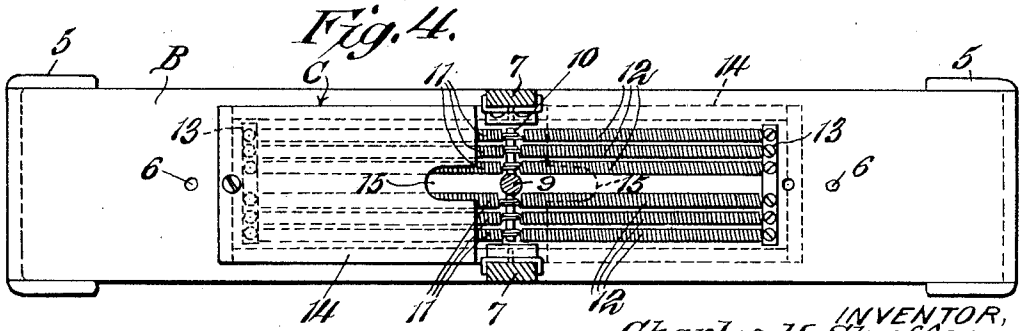


Fig. 3.

Fig. 4.



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1,939,927

SEESAW

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3 Claims. (Cl. 272—54)

This invention relates to new and useful improvements in seesaws, and has among its several objects to provide an attractive, efficient and safe seesaw in which the tilter board is normally spring held in a substantially horizontal position, and in which the yieldable parts are properly housed to prevent the parts from being contacted by children when operating the seesaw.

With these and other objects in view which will more fully appear, the nature of the invention will be more clearly understood by following the description, the appended claims, and the several views illustrated in the accompanying drawing.

In the drawing:—

Figure 1 is a perspective view of a seesaw embodying my invention,

Figure 2 is a vertical cross section thereof,

Figure 3 is a bottom plan view of the tilter board, a section of the housing being removed, and

Figure 4 is a longitudinal section showing the board in a tilted position.

Like reference numerals designate corresponding parts throughout the several figures of the drawing.

Referring to the drawing, my invention includes a support or base A, and a tilter board B disposed above the base and provided with seats 5, 5 at its ends and hand holds 6, 6 in advance of said seats. The board is pivoted to the base A through the medium of two depending arms 7, 7 which are rigidly secured at their upper ends centrally to the sides of the board and which are pivotally connected to bearing ears 8, 8 fixed to the base.

Fixedly secured to the base and located centrally between the arms 7, 7 is a post or standard 9 the upper end terminating below and in spaced relation to the board. A cross arm 10 is rigidly secured to the upper end of the post. A plurality of coil springs 11 are disposed on one side of the cross arm and a corresponding number of similar springs 12 are disposed on the opposite side of the cross arm. These springs extend longitudinally of the board and the springs 11 as well as the springs 12 are arranged in spaced parallel relation, the inner ends of the springs being removably connected to the cross arm and the outer ends being removably connected to anchor plates 13, 13 which are respectively attached to the under face of the board adjacent the ends thereof.

A housing C which is formed of two sections 14, 14 is attached to the under face of the board for not only concealing the cross arm, the springs, and the anchor plates but also for guarding said parts from being contacted by the children when operating the board. The housing is provided with a longitudinal opening 15 for receiving the upper end of the post and to permit pivotal movement of the board without contacting the post.

From the foregoing, it will be apparent that I have provided an attractive, efficient and safe seesaw; that the springs on both sides of the post are equally expanded when the teeter board is moved to an inclination; that the springs cooperate with the board to normally retain the same in a substantially horizontal position; that by employing a plurality of springs on each side of the post, the loss of a single spring due to accident or other cause will not materially effect the proper operation of the board, and that the yieldable parts are fully housed and consequently all danger to children is eliminated.

It is of course to be understood that the details of structure and arrangements of parts may be variously changed and modified without departing from the spirit and scope of my invention.

I claim:—

1. In a seesaw, the combination with a base, of a tilter board disposed above the base, depending arms rigidly connected to the board centrally on opposite sides thereof and pivotally connected at their lower ends to the base, a post rigidly connected to the base and located centrally between the depending arms, a cross head fixed to the upper end of the post, and springs extending longitudinally of the base on opposite sides of the post and having their inner ends connected to the cross head and their outer ends connected to the board for normally retaining the board in a substantially horizontal position.

2. In a seesaw, the combination with a base, of a tilter board pivoted intermediate its ends thereto, a post rigidly connected to the base and disposed centrally between the ends of the board, a cross head fixed to the upper end of the post, anchor plates secured to the under face of the board adjacent the ends thereof, and springs extending longitudinally of the base on opposite sides of the post and having their inner ends connected to the cross head and their outer ends connected to the anchor plates for normally retaining the board in a substantially horizontal position.

3. In a seesaw, the combination with a base, of a tilter board pivoted intermediate its ends thereto, a post rigidly connected to the base and disposed centrally between the ends of the board, springs extending longitudinally of the base on opposite sides of the post and having their inner ends connected to the post and their outer ends connected to the board for normally retaining the board in a substantially horizontal position, and a housing for the springs secured to the under side of the board and provided with a longitudinal opening for receiving the upper end of the post.

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