March 20, 1956 J. F. SAGE 2,738,831

SWING AND TEETER

Filed Jan. 6, 1953

Fig. 1

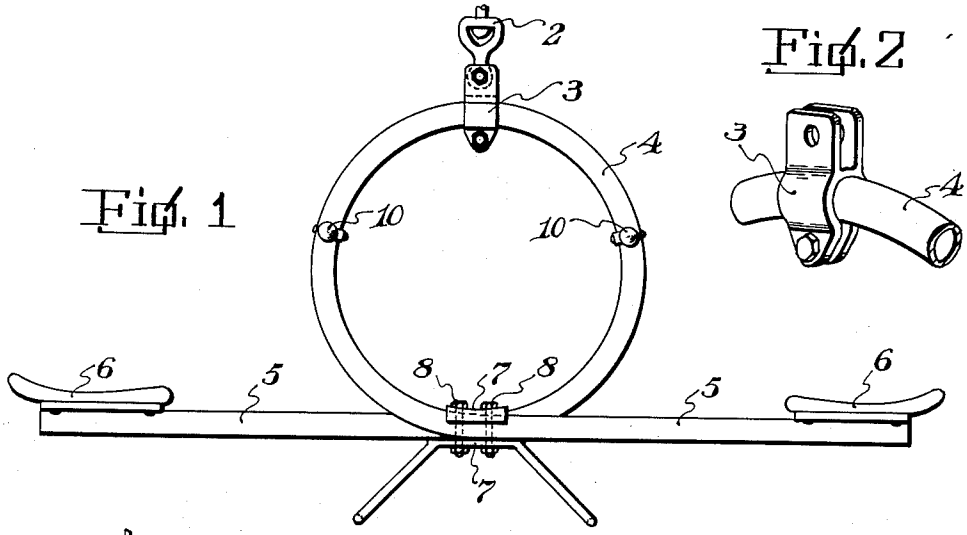


Fig. 2

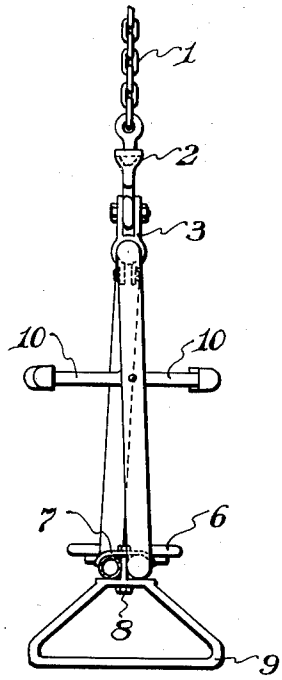


Fig. 4

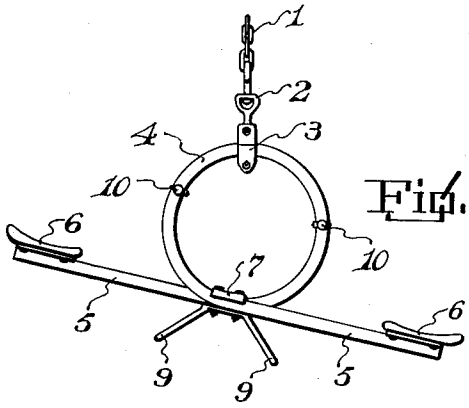


Fig. 3

John F. Sage
INVENTOR.

BY Philip A. Fennell

ATTORNEY

United States Patent Office

2,738,831

Patented Mar. 20, 1956

2,738,831

SWING AND TEETER

John F. Sage, Catoosa, Okla.

Application January 6, 1953, Serial No. 329,852

2 Claims. (Cl. 155—62)

The invention relates to amusement devices, and has for its object to provide a device having the advantages of a teeter, a swing or a round-about.

A further object is to provide a combined teeter and swing wherein the main body is formed from a single piece of material, bent to form, a loop centrally thereof and oppositely extending arms provided with seats. Also to suspend the device from the top of the loop in a manner whereby the device may be supported from an overhead support, and preferably through a swivel connection, so a round-about operation may be obtained.

A further object is to provide a clamping means carried by the upper side of the loop and adjustable circumferentially so the device may be balanced according to the differential of weight of users on the seats.

A further object is to provide foot rests below and centrally of the device for the occupants of the seats and clamping means, in connection with the foot rests, for clamping the ends of the loop, for forming a rigid structure.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawing, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing:

Figure 1 is a side elevation of the teeter and swing.

Figure 2 is a detail perspective view of the adjustable supporting clamp.

Figure 3 is a side elevation of the teeter, showing the adjustable clamp moved circumferentially for the balancing operation.

Figure 4 is an end view of the device.

Referring to the drawing, the numeral 1 designates a supporting chain adapted to be attached to a tree limb or an overhead structure in a position where the device can be entirely rotated if desired. The lower end of the chain 1 is provided with a swivel connection 2 to the adjustable clamp 3. By providing the swivel connection 2, the device may be rotated, thereby obtaining the effect of a round-about. Adjustable clamp 3 is circumferentially adjustable on the upwardly extending loop 4, the ends of which terminate in oppositely extending arms 5

having seats 6 on the outer ends thereof. To prevent spreading of the loop 4, cooperating plates 7, acting as a clamp when the bolts 8 are tightened, are placed over and under the ends of the convolution of the loop.

The lower plate 7 terminates, at its end, in downwardly and outwardly inclined foot rests 9, preferably of triangular form, as shown in Figure 4, hence it will be seen that the clamp is utilized as a support for the foot rests.

Extending outwardly from opposite sides of the loop 4 are handle members 10 adapted to be grasped by occupants of the seats 6 for the swinging and teetering operation. It will be noted that the foot and handle members are within easy reach of the occupants of the seats.

Frequently children of different weight operate devices of this character. Referring to Figure 3 it will be noted that the adjustable clamp 3 has been circumferentially adjusted to care for the difference in weight of users of the device.

From the above it will be seen that a combined, swing, teeter and round-about is provided which is simple in construction, rigidly constructed, and one which may be adjusted to take care of variations of weight of users.

The invention having been set forth what is claimed as new and useful is:

1. A teeter comprising a one-piece, elongated member centrally bent upon itself to form a supporting loop having open ends disposed in side by side relation and having coplanar arms extending in opposite directions from the open ends of the loop, means attached to the loop for attaching the loop to a supporting structure, seats carried by said arms adjacent their ends, a clamping means attached to the open ends of the loop for fastening such ends together and preventing them from spreading laterally apart and holding the arms in coplanar relation, and foot rests carried by the clamping means and extending downwardly in opposite directions therefrom and disposed below the arms in angular relationship thereto.

2. A teeter comprising a vertically disposed supporting loop having downwardly disposed ends, which are positioned in side by side relation and extend in opposite directions, arms provided on such ends and forming prolongations thereof, seat structures mounted on said arms, a clamping plate transversely overlying the ends of the loop and having downturned ends holding the ends of the loop together against lateral displacement, a second clamping plate transversely underlying the ends of the loop below the first clamping plate, fasteners joining the plates together in clamping engagement of the ends of the loop and integral depending end extensions on the second clamping plate disposed below the arms and defining foot rests.

References Cited in the file of this patent

UNITED STATES PATENTS

1,670,882	Eckberg	May 22, 1928
2,539,869	Sicklesteel	Jan. 30, 1951
2,545,295	Miller	Mar. 13, 1951