Feb. 12, 1929. 1,701,798

J. SHONE

COASTER

Filed Jan. 30, 1928

Fig. 1.

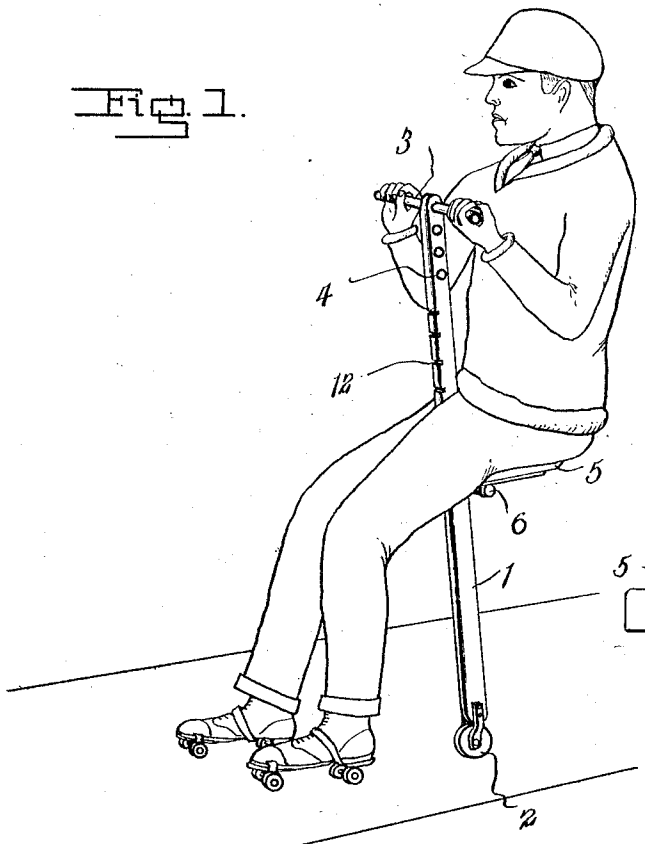


Fig. 4.

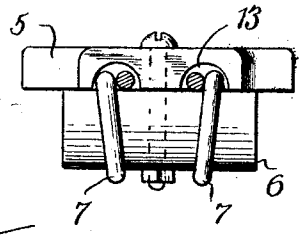


Fig. 3.

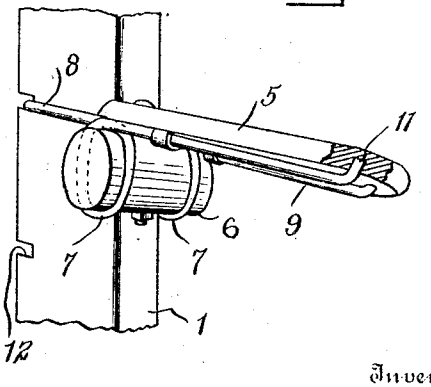
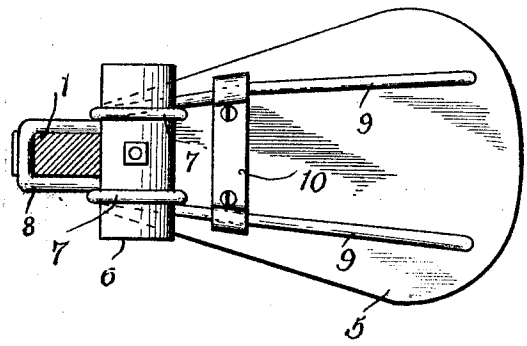


Fig. 2.



Inventor

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UNITED STATES PATENT OFFICE.

JAMES SHONE, OF GRANT CITY, NEW YORK.

COASTER.

Application filed January 30, 1928. Serial No. 250,677.

This invention provides a device whereby a skater may support the weight of the body when coasting, said device consisting of a slender body, such as a stick, having a wheel at its lower end, a handle bar at its upper end, and a seat intermediate its ends, the handle bar and seat being adjustable on the support to adapt the device to the convenience of the user.

While the drawing illustrates a preferred embodiment of the invention, it is to be understood that in adapting the means to meet specific needs and requirements, the design may be varied and such other changes in the minor details of construction may be resorted to within the scope of the invention as claimed, without departing from the spirit thereof.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and the drawing hereto attached, in which,—

Figure 1 is a perspective view of a coasting device embodying the invention, and showing the same as it appears when in action.

Figure 2 is a view of the seat as seen from the bottom side, the support therefor being in section.

Figure 3 is a perspective view of the seat and a portion of the support.

Figure 4 is a front view of the seat.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawing by like reference characters.

The coaster embodies a supporting member 1 which is slender and of the nature of a stick. A wheel 2 or analogous element is provided at the lower end of the support 1 to run upon the surface and a handle bar 3 is provided at the upper end of the support and is adjustable, being insertable in any one of a plurality of openings 4 in the length of the support and extending transversely thereof. A seat 5 is mounted upon the support 1 and is adjustable thereon to the convenience of the individual using the device.

A cross piece 6 is bolted or otherwise secured to the front end of the seat 5 and is located therebelow. The seat 5 is spring supported and is narrow at its front and wide at the rear. The ends of the cross piece 6 project slightly beyond the sides of the seat and receive coils 7 of the seat supporting spring. This spring consists of a steel wire which is doubled upon itself to provide a loop 8 which receives the support or member 1. The end portions of the wire are bent to provide the coils 7 and extend beneath the seat 5 to which they are held by means of a keeper 10. The rear ends of the elements 9 are bent upwardly, as indicated at 11 in Figure 3, and enter openings formed in the seat 5, thereby fixing the position of the parts against any possible displacement. The coils 7 result in a spring action to the seat, and extend along opposite sides of the support 1 and supplement the action of the loop 8 in preventing lateral displacement of the seat. Notches 12 are formed at intervals along the front side of the support 1 and receive the closed end of the loop 8, thereby holding the seat in the required adjusted position. Recesses 13 are formed in the bottom side of the seat 5 to receive parts of the coils 7, whereby to prevent movement of the parts.

The individual mounted upon the seat and desiring to coast straddles the support 1 and perches upon the seat 5, the projecting ends of the handle bar 3 being grasped by the hands. In this position substantially the entire weight of the person is imposed upon the wheel 2 or other traveling element, the feet resting upon the surface in a manner to enable the person to balance and steady himself so as not to topple over while coasting. The weight of the person causes the support 1 to be gripped between the cross piece 6 and the closed end of the loop 8. To adjust the seat the rear end is elevated which effects disengagement of the loop 8 from the notch 12, and when the seat is adjusted to the required position it is fixed by entry of the closed end of the loop 8 in the selected notch 12 in which it is retained when the rear end of the seat is lowered, as will be readily understood.

Having thus described the invention, I claim:

1. A coaster comprising a support, a seat, a cross piece secured to the seat and a seat spring including a loop forward of the seat and engaging the support, side coils receiving the ends of the cross piece, and rear extensions attached to the bottom side of the seat.

2. A coaster comprising a slender support having a sustaining element at its lower end, a handle bar adjustable in the length of the upper portion of the support, a seat

and a seat spring including a loop embracing the support, side coils and rear extensions attached to the bottom side of the seat.

3. A coaster including a slender support notched along its forward side, a seat, a cross piece at the front end of the seat, and a seat spring including a closed loop forward of the seat and embracing the support, side coils receiving the ends of the cross piece, and rear extensions attached to the bottom side of the seat.

4. A coaster comprising a stick, a seat adjustable on the stick, a cross piece at the front end of the seat projecting beyond opposite sides thereof, a seat spring embodying a closed loop embracing the stick and bindingly engaging the same to hold the seat in the required adjusted position, side coils receiving the ends of the cross piece, and rear extensions underlapping the seat and having their terminals bent upwardly and entering openings formed in the seat, and means securing the spring to the seat.

In testimony whereof I affix my signature.

JAMES SHONE. [L. S.]