Oct. 6, 1925. 1,556,076

A. B. CHAMBERS

STEERING WHEEL TOY

Filed July 5, 1923

Fig. 1.

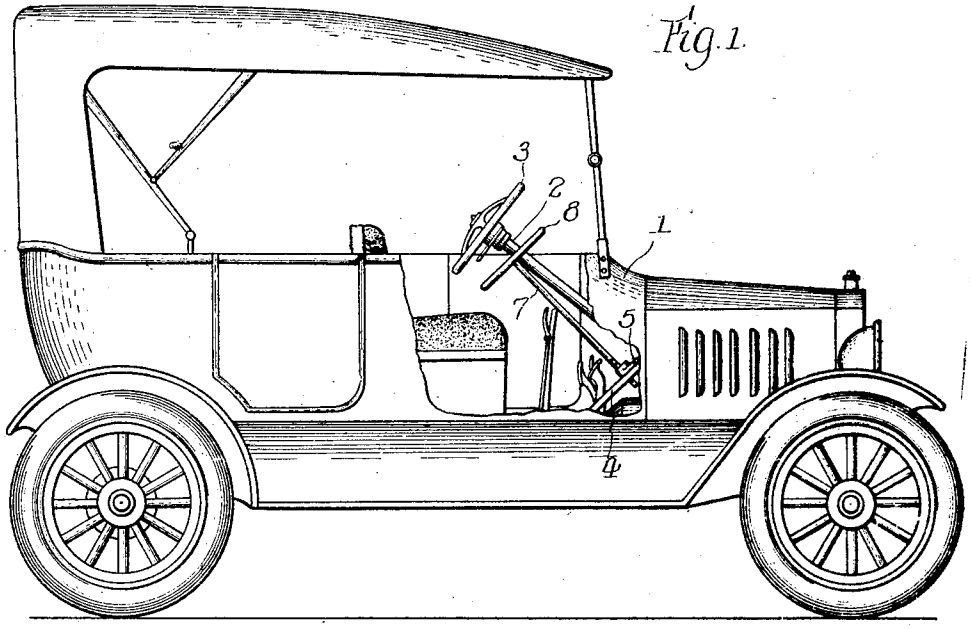


Fig. 2.

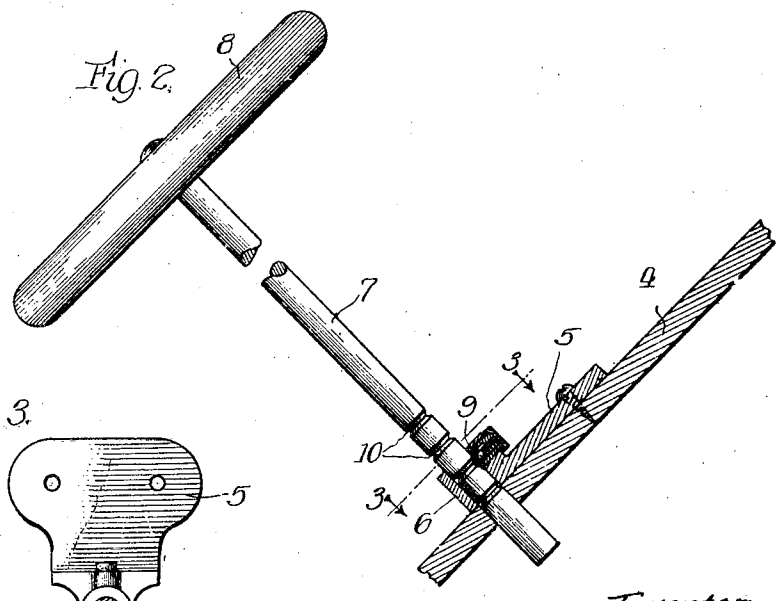


Fig. 3.

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UNITED STATES PATENT OFFICE.

ARNETT B. CHAMBERS, OF WATERLOO, IOWA.

STEERING-WHEEL TOY.

Application filed July 5, 1923. Serial No. 649,437.

To all whom it may concern:

Be it known that I, ARNETT B. CHAMBERS, a citizen of the United States, residing at Waterloo, in the county of Black Hawk and State of Iowa, have invented certain new and useful Improvements in Steering-Wheel Toys, of which the following is a specification.

The present invention relates to steering wheel toys.

An object of the present invention is to provide a toy steering wheel structure which may be mounted in a motor car, which toy structure will simulate a steering wheel, whereby a child may vividly imagine that he is steering said motor car.

A further object is to provide a toy which will at the same time amuse and educate a child by allowing him to simulate in vivid manner the motions of the driver of a motor car.

A further object is to provide a toy steering wheel for a motor car which is revoluble for the amusement of a child and which is readily removable and replaceable.

A further object is to provide a toy steering wheel which is readily adjustable in height.

Further objects will appear as the description proceeds.

Referring to the drawings—

Figure 1 is a view in side elevation, parts being broken away, of a motor car having applied thereto one embodiment of the present invention;

Figure 2 is a view of the toy steering wheel on a larger scale than in Figure 1; and

Figure 3 is a view taken along the plane indicated by the line 3—3 of Figure 2.

The numeral 1 indicates a motor car having the steering column 2 and steering wheel 3, which steering column and steering wheel are operative steering members of the car. The numeral 4 indicates a floor board or foot board, which board 4 has mounted thereon the bracket 5. Said bracket 5 has the boss 6, which provides a cylindrical hole for the reception of the toy steering rod 7 carrying at its upper end the toy steering wheel 8. The bracket 5 may be provided with the detent 9, which may, if preferred, be spring-pressed toward the steering rod 7. The lower end of the toy steering rod 7 may be provided with a series of grooves 10—10, each adapted to receive the detent 9. It will be understood, of course, that the bracket 5 may be secured to any other part of the motor car rather than to the board 4, if preferred.

The detent 9 may have a beveled end and said grooves 10—10 may be V-shaped in conformation whereby said detent 9 may yieldingly hold the steering rod 7 in any position longitudinally of said steering rod, though permitting the longitudinal movement of said steering rod upon the application of sufficient force to move the detent 9 outwardly against its spring. The grooves 10—10 permit the ready rotation of the toy steering rod 7 of the toy steering wheel 8. In use, the child using the toy may sit next to the driver and may rotate the toy steering wheel 8, pretending that he is steering the motor car. Not only may the child vividly imagine that he is actually steering the car, but by simulating the movement of the operative steering wheel 3 he will become accustomed to the movements of the steering wheel which are necessary in driving, and when he has reached the age when he may be allowed to take the operative steering wheel, he will have so much the greater confidence in himself. It will be noted that the bracket 5 occupies an unobtrusive position and that the rod 7 with its steering wheel 8 is readily removable and replaceable, whereby there will be no interference with a passenger who occupies the seat next to the driver when the toy steering wheel is not desired.

Though a preferred embodiment of the present invention has been described in detail, it will be clear that many modifications will occur to those skilled in the art. It is intended in this patent to cover all such modifications that fall within the scope of the invention as defined by the appended claims.

What is claimed is:

1. A motor car, the operating steering wheel thereof, a bracket attached to said motor car, and toy steering mechanism mounted in said bracket for rotation relative thereto.

2. A motor car, the operating steering wheel thereof, a bracket attached to said motor car, and toy steering mechanism mounted in said bracket for rotation relative thereto, said bracket and steering mechanism being constructed and arranged to permit ready adjustability of said steering

mechanism axially of said steering mechanism.

3. In a motor car, the operative steering wheel thereof, a bracket attached to said motor car, and toy steering mechanism mounted in said bracket.

4. In an automobile, the operative steering wheel thereof, a toy steering wheel adjacent to said operative steering wheel, a rod upon which said toy steering wheel is mounted, and a bracket mounted in unobtrusive position in said automobile for releasably supporting said rod.

Signed at Waterloo, Iowa, this 27th day of June, 1923.

ARNETT B. CHAMBERS.