

Sept. 23, 1924.

1,509,436

L. MARX

TOP

Filed Oct. 31, 1921

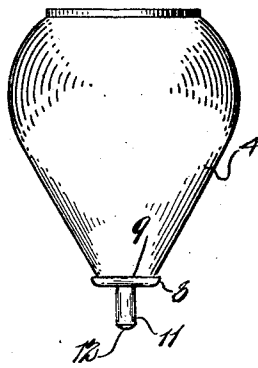


FIG. 1.

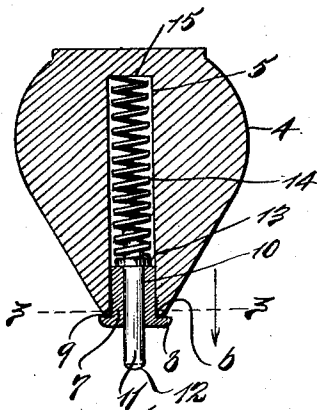


FIG. 2.

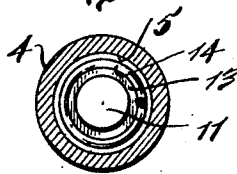


FIG. 3.

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By his Attorney
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UNITED STATES PATENT OFFICE.

LOUIS MARX, OF BROOKLYN, NEW YORK.

TOP.

Application filed October 31, 1921. Serial No. 511,562.

To all whom it may concern:

Be it known that I, LOUIS MARX, a citizen of the United States, and a resident of the borough of Brooklyn, in the county of Kings, city and State of New York, have invented certain new and useful Improvements in Tops, of which the following is a specification, reference being made to the accompanying drawings, forming a part thereof.

My invention relates to the ordinary form of spinning tops supported when in revolution upon a vertically depending peg; the objects of my invention are, among other things, to provide a top of this character with a peg that is yieldingly mounted and carried in the body portion, not only to lessen the likelihood of breaking the peg and body when the top strikes the horizontal spinning surface at the beginning of its spinning, but also to cause the top to spring up successively from this surface in a skipping or dancing movement. These features add to the durability of the top as well as enhance its desirability as a toy.

A preferred embodiment of my invention is shown in the drawings in which—

Fig. 1 is a side elevation of my improved top;

Fig. 2 is a vertical sectional view; and

Fig. 3 is an enlarged cross-section taken on the line 3—3 of Fig. 2 looking in the direction of the arrow.

Similar numerals refer to similar parts throughout the several figures.

Referring to the drawings, the body portion 4 is turned from wood in the usual inverted conical form having the cylindrical bore 5 cut vertically therein upwardly from the opening 6 formed at the bottom of the body 4. Fitted tightly in the opening 6 is the metal sleeve 7 having the extended rim 8 flush with the edges 9 of the opening 6. Slidably mounted in the hole 10 of the sleeve 7 is the peg 11 having its tip 12 normally projecting beyond the sleeve 7 as shown in Figs. 1 and 2. The peg 11 has the integral collar 13 which bears upon the inner end of the sleeve 7 through the action of the compression spring 14, the lower end of which bears on the collar 13 and the upper spring end in the bottom 15 of the bore 5. By this construction a resilient or yieldable mounting is provided for the peg 11 so that this

peg slides inwardly of the sleeve further compressing the spring 14 when the top is thrown to the pavement or other horizontal surface at the commencement of the spinning. During the spinning the yielding of the peg 11 to usual inequalities of the spinning surface tends to make the top as a whole jump or dance along such surface, and the spring-pressed peg also prevents breaking of the peg or splitting of the body portion when the top initially contacts with the spinning surface when thrown by the user.

Various changes may be made in the construction shown without departing from the principles and scope of the claimed invention which is not to be confined to the details of construction herein described and illustrated in the accompanying drawings.

I claim as my invention:

1. A bounding top comprising a body, an axially disposed bore extending vertically from the apex through the major portion of said body, a sleeve formed of unyielding material rigidly secured within the outer end of the bore opening and having an annular rim flush with the edges of said opening, a peg slidably axially in said sleeve, a collar formed on the peg stem normally bearing on the inner end of said sleeve, and a resilient connection between said collar and the bottom of said bore in alinement with said peg yieldingly forcing the peg to its outermost position through said sleeve with its tip beyond said annular rim.

2. A bounding top comprising a body, an axially disposed bore in said body extending vertically from the apex and through the major portion thereof, a sleeve formed of unyielding material rigidly secured within the outer end of the bore opening, a peg slidably axially in said sleeve, a collar formed on the peg stem normally bearing on the inner end of said sleeve, and a resilient connection carried in said bore between said collar and the bottom of said bore in alinement with said peg yieldingly forcing the peg to its outermost position through said sleeve with its tip beyond said annular rim.

3. A bounding top comprising a body, an axially disposed bore extending vertically from the apex through the major portion of said body, a sleeve formed of unyielding material rigidly secured within the outer

end of the bore opening and having an annular rim flush with the edges of said opening, a peg slidable axially in said sleeve, a collar formed on the peg stem adjacent the inner end of said sleeve, and a compression spring carried in said bore in axial alignment with said sleeve and peg and with its outer end coiled about said stem and bearing on the collar normally to hold the latter against the inner end of the sleeve while yieldingly forcing the peg to its outermost position through said sleeve with its tip beyond said annular rim. 10

LOUIS MARX.