

S. GROPPER.

TOP.

APPLICATION FILED MAY 22, 1912.

1,059,866.

Patented Apr. 22, 1913.

Fig 1

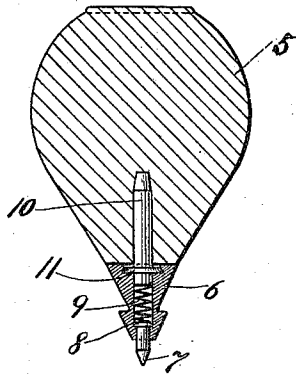


Fig 3

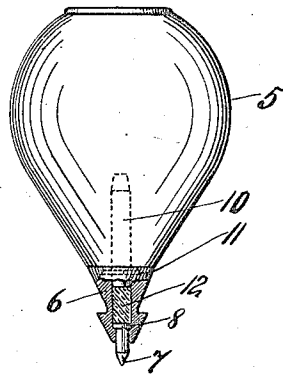


Fig 2

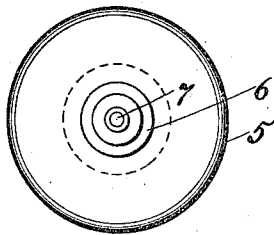
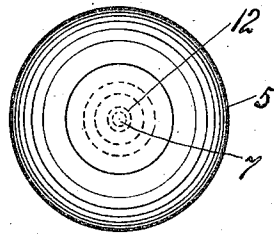


Fig 4



WITNESSES:

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TOP.

1,059,866.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, SAMUEL GROPPER, a citizen of the United States, residing at the borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Tops, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in spinning tops and has particular reference to a top provided with a resilient peg.

Referring to the accompanying drawings, Figure 1 is a vertical cross section of one form of top illustrating an application of my invention. Fig. 2 is a plan view looking upwardly at the same. Fig. 3 a vertical elevation partly broken away showing a modification, and Fig. 4 a plan view looking downwardly at the same.

5 is the body portion of the top usually turned out of hard wood, and 6 the peg seating usually turned out of metal.

7 is the peg provided with an offset, flange or cap 8 secured within the seating 6 as shown and retained therein by the coil spring 9.

10 is the upper portion of the peg provided with a flange 11 which has a beveled periphery as shown. The upper portion of the peg seating is also provided with an annular recess within which the beveled disk 11 is seated, after which the side walls of the annular recess are crushed down thus securing the upper portion of the peg 10 securely within the peg seating 6.

In assembling the top the peg 7 is placed within the peg seating 6 upon its flange or cap 8, after which the spring 7 is placed in position and the upper peg portion 10 is introduced, and while retained upon its seating the walls of the annular recess are forced down securely locking the same.

In the modification shown in Figs. 3 and 4 the coil spring 9 is substituted by the piece of rubber or other resilient material 12. By this form of construction it will be found that wonderful resiliency is given to the peg 7 of the top while at the same time the parts may be assembled rapidly and economically and the top will be found to be unusually strong and durable.

Of course it will be readily understood that various other modifications may be made without departing from the spirit of the invention as set forth in the claims.

I claim:

1. A top having a body portion, a seating, a peg, a resilient bearing within said seating for said peg, and means for securing said seating to said body portion, said means for securing said seating comprising a shank, said shank, said resilient bearing, and said peg being in alinement, said seating having a central bore entirely through the same with a restricted opening at the bottom, said shank secured in the top of said bore, said peg slidably mounted in the bottom of said bore, and said resilient bearing adapted to maintain said peg against said restricted opening.

2. A top having a body portion, a seating, a peg, a resilient bearing within said seating for said peg, and means for securing said seating to said body portion, said means for securing said seating comprising a shank, said shank, said resilient bearing and said peg being in alinement.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL GROPPER.

Witnesses:

LOUISE ENDERLE,
THOMAS O. HILL.