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SPINNING TOP

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FIG. 1.

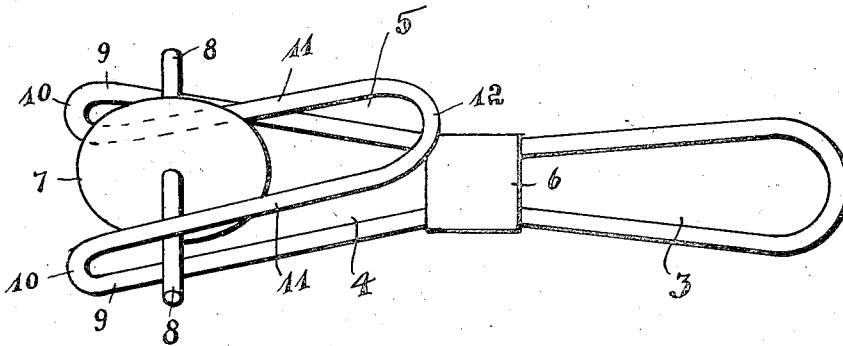
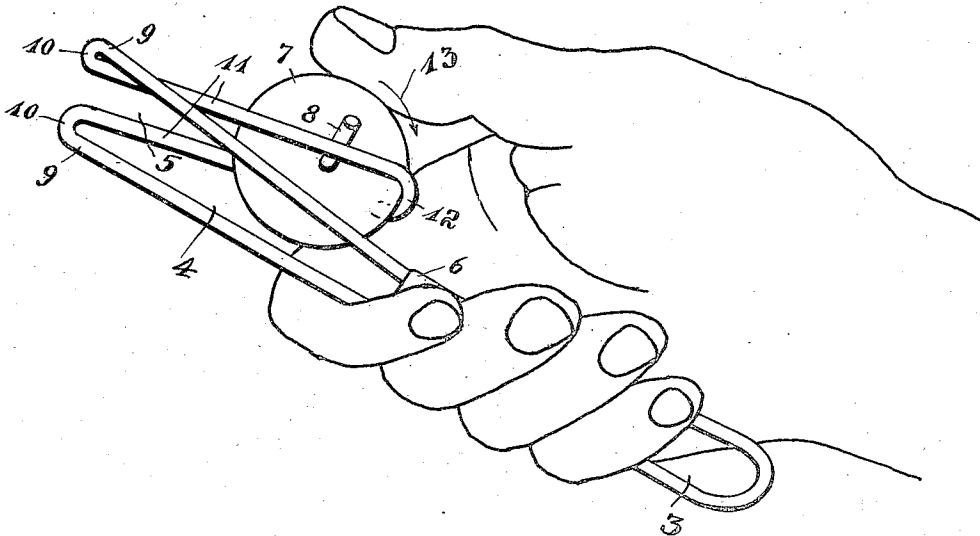


FIG. 2.



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SPINNING TOP

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5 Claims. (Cl. 46—72)

This invention relates to devices used for causing a top to spin when discharged from the device.

One of the objects is to provide a simple frame that can be held in the hand for conveniently discharging a top by a slight movement of the hand.

Another object is to provide discharging means and the top designed to readily cooperate.

Another object is to provide a discharging device in which the top can be held in inoperative position.

Another object is to provide a discharging device from which the top can readily be removed by a slight springing or spreading of the device.

Other objects will appear from the following description and appended claims as well as from the accompanying drawing, in which—

Fig. 1 is a perspective top view of a holder and a top in inoperative position.

Fig. 2 is a perspective side view of the holder with the top in operative position ready to be discharged from the holder.

As illustrated, the holder is made of wire, a handle portion 3, a rest portion 4, and a discharge-portion 5, a sheet clip 6 serving to hold the several portions in the desired shape.

The top is made of a wheel portion 7 of a shape and size to create a suitable centrifugal force or a suitable gyre desired for spinning tops, and a central pin 8 projecting from both of the flat sides of the gyratory wheel portion.

While the handle portion 3 is not necessarily of any particular shape, form, or size, as long as it forms a suitable member by which the whole device can be held conveniently; the rest portion and the discharging portion, on the other hand, have been designed to satisfy certain requirements for cooperative functions.

One end of the rest portion 4 is naturally arranged so that it easily aligns with the handle portion to be held together by the common clip 6. Extending from this point in the opposite direction from the handle portion the rest portion is spread out towards the ends indicated at 9 in Fig. 1, and from the ends 9 continuations are made in bends 10 inwardly and upwardly whereby the pin-ends of the top may slide and roll into the or towards the bight formed between the rest portion and the discharge-portion, the discharge portion 5 extending from the above-named continuations beyond the bends 10 upwardly at an incline, embodying the two practically parallel larger shanks 11 and the closed end portion 12, the closed end portion being just far enough

above the handle portion and clip 6 that the top may roll toward this end but not escape from the space between the rest and discharge portions.

When not playing with this device, the top is in this resting or inoperative position between the rest portion 4 and the discharge portion 5.

For playing purposes, the top is easily removed from this resting position since the holder readily yields to the extent that the two bent ends 10 may be spread sufficiently for one end of the pin to drop from the holder after which the other end can easily be drawn from the opposite side of the holder.

After having been withdrawn from the holder, the top is then placed on top of the discharge portion 5 in the manner illustrated in Fig. 2, with the thumb or finger of a hand engaging over it.

A pressure by the finger and a simultaneous movement in the direction of the arrow 13 in Fig. 2 imparts a rotating or gyrating movement to the top while at the same time forcing it from the discharging portion 5.

During this operation, the whole device with the top in operative position is preferably held in a sidewise manner with one of the ends of the pin 8 pointing towards the ground so that this end just naturally drops to the ground with the desired gyre.

Having thus described my invention, I claim:—

1. In a toy of the class described, a holder embodying a handle portion, a rest portion, and a discharge portion, the rest portion uniting at one end with the handle portion and at the other end with the discharge portion, rest and discharging portions overlapping one another with the free end of the discharging portion extending to the handle portion normally within reach of a member of the hand in which the handle portion is held.

2. A toy comprising a holder, the holder embodying handle-, rest-, and discharge-portions whereby a cooperatively used top may be held in inoperative position between the rest and discharge portions and whereby the top may be given a gyrating movement with a discharging from the discharge portion by a hand holding the handle portion and top.

3. In a toy of the class described, a holder embodying handle-, rest-, and discharge-portions made of wire, the handle and rest portions being united at one end, the rest-portion being also united with the discharge portion having bent connections curving inwardly and upwardly from

the rest portion into the discharge portion with the free end of the discharge portion pointing above the handle portion.

5 4. In a toy for spinning tops, a device formed to be held in a hand and having a portion designed and arranged so that a spinning top may be placed with its axis crosswise over the top surface of the device and with the periphery of its spinning portion in a position that it may be
10 touched by the hand so that a suitable pressure against the rearmost side of the periphery will

cause a discharge of the spinning top from said surface with a spinning motion.

5 5. In a toy for spinning tops, a device formed with a handle portion to fit in a hand by which it is to be operated and having a portion extending from a point within reach of the hand with an open bifurcated portion formed so that a spinning top may be placed with its axis crosswise and with its spinning body so that it will discharge through the open bifurcated portion. 10

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