(No Model.)

M. N. DREW.

TOY DETONATING TRICK DEVICE.

No. 591,827. Patented Oct. 19, 1897.

Fig. 1.

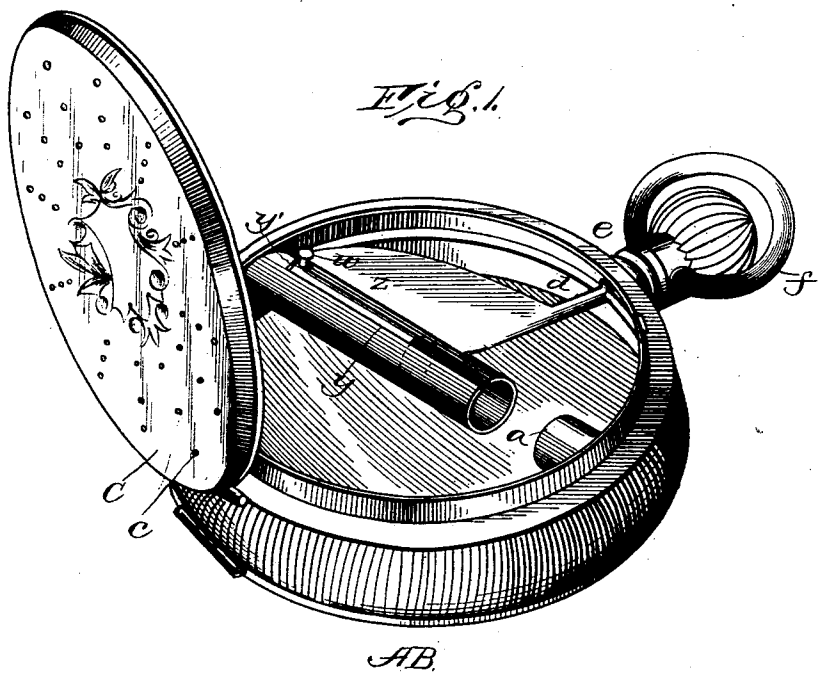


Fig. 2.

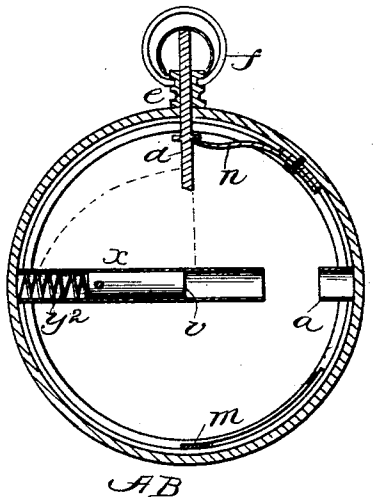
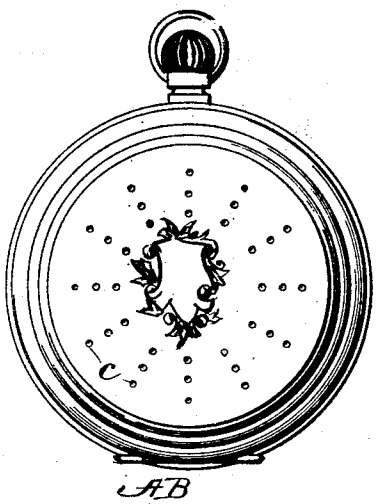


Fig. 3.



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UNITED STATES PATENT OFFICE.

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TOY DETONATING TRICK DEVICE.

SPECIFICATION forming part of Letters Patent No. 591,827, dated October 19, 1897.

Application filed June 17, 1897. Serial No. 641,195. (No model.)

To all whom it may concern:

Be it known that I, MITCHEL NEBRASKA DREW, a citizen of the United States, residing at Madison, in the county of Madison and State of Florida, have invented certain new and useful Improvements in Toy Detonating Trick Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Reference is had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

Figure 1 is a side elevation of the device when open. Fig. 2 is a sectional view. Fig. 3 is a view when closed.

The object of this invention is the production of a toy trick device for the explosion of caps and the usual accompanying detonation. Its construction is inexpensive and its action one of simplicity. Its use is that of any toy detonator or cap-exploder and is so made as to be deceptive as to its real character and to produce surprise when in action. Danger from the explosion of the cap is reduced to a minimum.

The invention consists of an ordinary toy movable-stem watchcase of inexpensive metal or other material, with perforations to aid in sound-transmission. Said perforations may be of simple or elaborate design, as desired, but not large enough to permit sight of inner works when the toy is closed.

The operative parts consist of a watchcase containing a cylinder with slot, a coil-spring therein, and plunger with a button attachment movable through slot with a catch for holding it retracted; a cup and anvil fixed in the case; an arm or lever attached to the stem and so adjusted, when plunger is set and stem is pressed, as to come in contact with said button and release said plunger, allowing it to go forward under the influence of the spring and strike the cap placed in the cup and explode same.

In the drawings, A B represent the watch or "toy detonating trick device," so called. C refers to the top case, having perforations *c*, as described; *d*, to the stem; *e*, the stem-post, and *f* the ring; *a*, to the cup with anvil attachment; *v*, to the plunger; *w*, the button attachment; *x*, the cylinder; *y*, the slot; *y'*, the catch; y^2, the coil-spring, and *z* the arm or lever for coöperating with the button to release the same from the catch when the stem is pressed in.

The case, as before stated, is made to resemble an ordinary watchcase, and, if desired, it may be provided with an ordinary case-spring *m* for throwing the cover open and an ordinary snap-catch *n* for holding it closed, and while it is usually preferable to let the cover remain closed when the detonation takes place, yet, if desired, the catch may be released by the pressure on the stem in the ordinary manner, so as to release the cover at the instant of detonation or immediately thereafter, giving the impression that the cover has been blown open by the explosion.

When operated, the toy should be closed to prevent accident from flying particles and to secure deception as to its use or object. To charge the same, open the watch, press the brass button up the slot in the cylinder as far as the catch, place the paper caps in the metal cup on the anvil, and close the watch. To discharge the cap, press the stem and the plunger will be released, and under the influence of its spring will advance and explode the cap.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a trick detonator, the combination with the case having a cover adapted to be opened, of a spring-operated detonator located within the case, a catch for holding the detonator retracted and a releasing stem for the catch projecting outside of the casing substantially as described.

2. In a trick detonator, the combination with a watchcase and movable stem, of a spring-pressed plunger or detonator mounted in the case, a coöperating cup or anvil for the plunger, a catch for holding the plunger retracted and a projection on the stem for releasing the plunger substantially as described.

3. In a trick detonator, the combination with a watchcase having a cover, case-spring

and snap-catch and a stem for releasing the snap-catch to allow the cover to open, of a spring-operated detonator located in the case, a catch for holding said detonator retracted and a catch-controller for releasing the detonator moved by the said stem, substantially as described.

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

MITCHEL NEBRASKA DREW.

Witnesses:
R. J. PATERSON,
C. O. MOZE.