

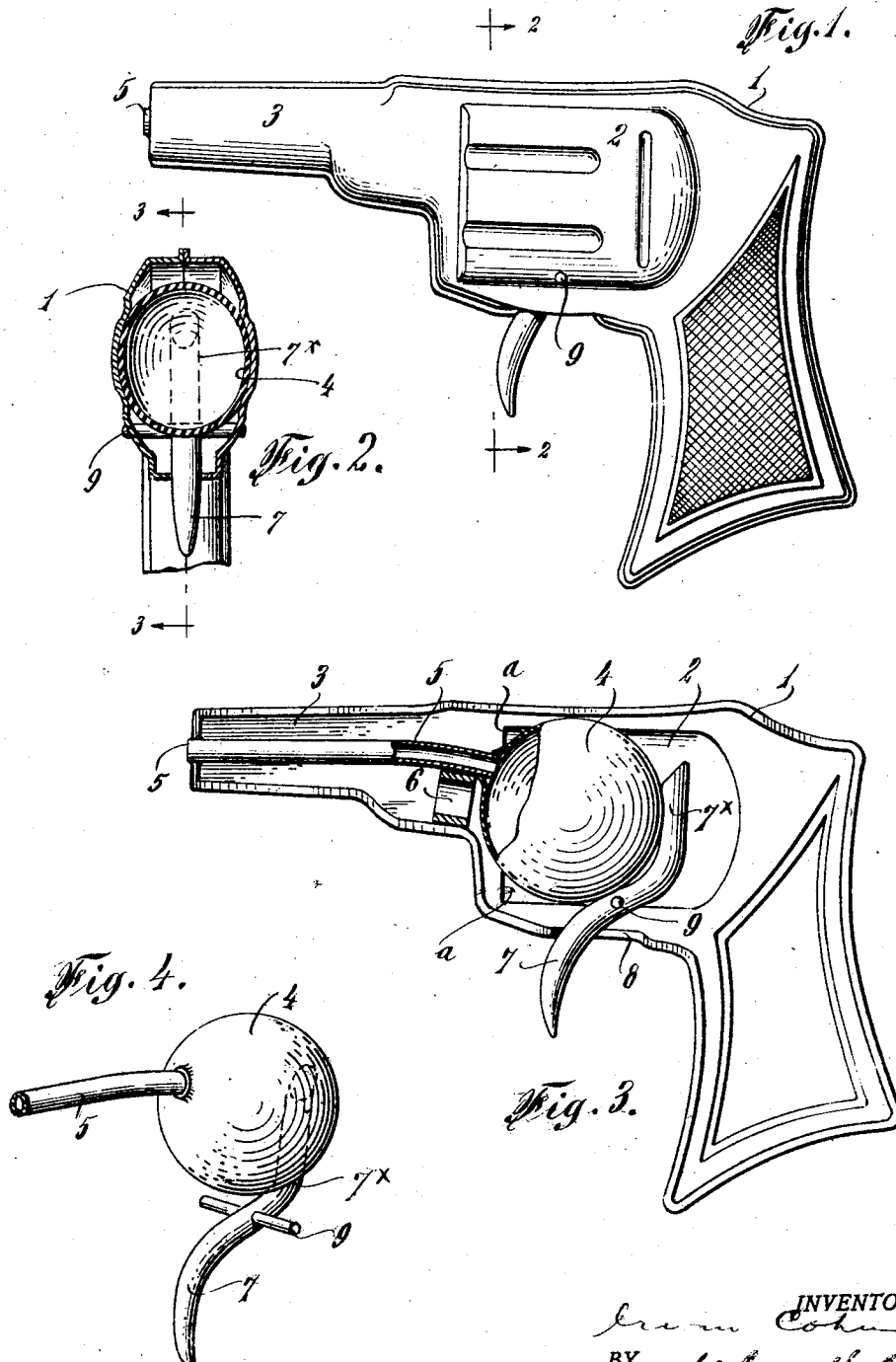
May 17, 1927.

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1,629,019

CELLULOID TOY WATER PISTOL

Filed Nov. 23, 1926



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CELLULOID TOY WATER PISTOL.

Application filed November 23, 1926. Serial No. 150,298.

The object of the present invention is to provide a toy water pistol made of celluloid sheets molded into the general formation of a pistol and having combined therewith a collapsible reservoir for the water and units, which may be of celluloid, for causing the trigger-collapse of the reservoir and the guiding of the water in a stream from the reservoir to the barrel end of the pistol.

The invention will be understood by reference to the accompanying drawings, in which—

Figure 1 represents a plan view of the device;

Figure 2 is a sectional elevation on the line 2—2, Figure 1;

Figure 3 is a longitudinal section on the line 3—3, Figure 2, and

Figure 4 is a detail view, partly in section, of the collapsible reservoir and the trigger-actuator.

The problem which I overcome in the manufacture of the present device arises through the use of relatively thin celluloid sheets in the formation of a pistol body. The device must house a collapsible reservoir for the water, in such manner that the same may be actuated through a trigger device without tending to separate the sheets or distort the same. It must be capable of ready assembly and be of a minimum number of parts.

To the above end I form the pistol body by compressing separate sheets of celluloid in dies having the configuration of a pistol body, as shown in Figure 1. One of the sheets is illustrated in detail in Figure 3. Its margin is formed throughout with a flange 1, it has a depression 2 to give the outer appearance of a cartridge chamber, as shown in Figure 1, and the tip of the barrel 3 is closed except for a small aperture to receive the ejection tube.

The reservoir consists of a collapsible rubber ball 4 which is seated in depression 2 and is formed with an opening which receives the ejection tube 5, the latter extending to the tip of the barrel 3. The ejection tube may have a support in addition to the barrel and the reservoir, as for example the supporting member 6, Figure 3.

Rearwardly of collapsible reservoir 4 I assemble a trigger device carrying a trigger-proper 7 extending through an aperture 8, an upward extension 7* in contact with the rear surface of the reservoir, and a pin 9 which passes through an opening formed in each of the complementary celluloid sheets comprising the pistol casing.

When the parts are assembled in the position shown in Figure 3, the second casing member is placed in position and two contacting margin flanges are cemented or fused together. It will be seen that the collapsible reservoir at its front abuts the shouldered walls *a* of depressions 2, the reservoir at its rear abutting extension 7* of trigger 7. Thus when the trigger is pulled, extension 7* swings inwardly and collapses the ball, and the water is forced out of the reservoir through ejector tube 5 and thence out of the barrel of the pistol.

While the form of the pistol illustrated in the drawing is of the revolving cartridge cylinder type, the particular design of pistol is immaterial, and various modifications may be made in the form and arrangement of the elements without departing from the spirit of the invention, what I claim and desire to secure by Letters Patent being as follows:—

A celluloid toy water pistol comprising two sheets of celluloid, each formed in the configuration of a pistol face and having an outwardly projected wall portion, each sheet being formed with a marginal flange and the flanges of the sheets being united, a collapsible reservoir located in the chamber formed by said projected wall portion, a tube leading from the reservoir to the end of the piston barrel, supporting means for the tube, and a trigger projecting through an opening formed intermediate the two sheets, said trigger being movable on a pivotal support and having an extension contacting with the collapsible reservoir, whereby a movement of the trigger will swing said extension to collapse the reservoir.

In testimony whereof I have signed my name to this specification.

IRWIN COHN.