

T. J. CAHILL.
FIREARM TRIGGER.
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1,011,154.

Patented Dec. 12, 1911.

Fig. 1.

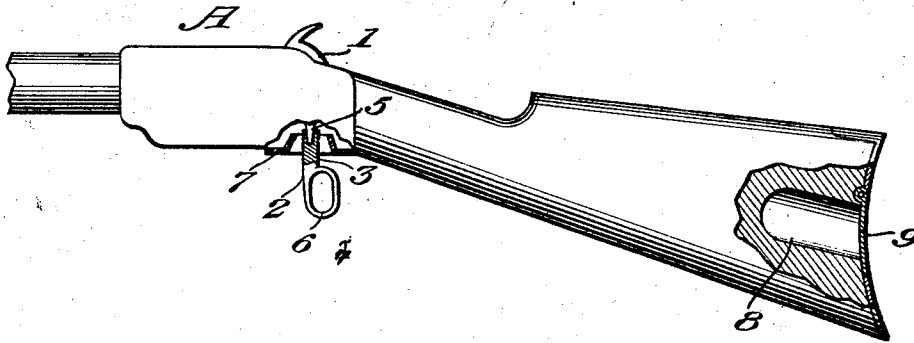
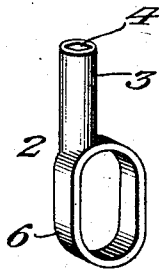


Fig. 2.



Witnesses

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FIREARM-TRIGGER.

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To all whom it may concern:

Be it known that I, THOMAS JOHN CAHILL, a citizen of Australia, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Firearm-Triggers, of which the following is a specification.

This invention relates to fire arms, such for instance as toy guns for discharging pea shots or the like, and the invention has to do more particularly with a safety trigger for such guns.

The invention has for its principal object to provide a trigger that has a removable finger or grip piece so that when the charged gun is not to be used the finger piece can be detached in order to prevent accidental discharge of the gun by contact with an object or in handling the gun.

A further object of the invention is the provision of a trigger having a detachable finger piece or grip section which can be worn on the finger and readily applied to the portion of the trigger mounted in the stock of the gun when it is desired to discharge the shot, the trigger being normally stored in a compartment in the stock when the gun is not in use.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention, Figure 1 is a side view of the gun with a portion broken away to show the stem of the trigger to which the finger piece is applied, the finger piece being shown in position. Fig. 2 is a perspective view of the finger piece.

Similar reference characters are employed to designate corresponding parts throughout the several views.

Referring to the drawing A designates an ordinary toy gun equipped with the usual hammer mechanism. The trigger for snapping the hammer 1 is provided with a detachable finger piece 2 that is formed with a shank 3 that has a socket 4 for receiving the stem 5 of the portion of the trigger mounted in the gun stock. The finger piece is formed with a loop 6 like the handle of a scissors blade so that two fingers can be

inserted in the loop and thereby prevent the finger piece from turning around when the same is being applied to the stem 5 of the trigger. The gun stock has a socket 7, which tapers inwardly so as to guide the shank 3 of the finger piece into engagement with the stem of the trigger, and the socket is large enough to permit the trigger to be pulled back when the hammer is to be snapped. When the finger piece is not in use it is stored in a compartment 8 in the shoulder end of the stock, said compartment being closed by a door 9. The finger piece will never be left on the stem 5 when the gun is not in use so that there will be no danger of accidental discharge of the gun.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the apparatus which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

Having thus described the invention what is claimed as new, is:—

1. A gun including a hammer, a trigger therefor consisting of a section mounted wholly in the stock of the gun, and a removable finger piece section.

2. A gun including a stock having a socket, a trigger in the stock provided with a stem disposed in the socket, and a removable finger piece adapted to enter the socket and fit on the stem.

3. A gun trigger consisting of a part provided with a stem of non-circular cross section, and a finger piece removably fitted to and frictionally held on the stem and including an elliptical loop for receiving a plurality of fingers.

4. A gun trigger consisting of separably connected parts, one part having a socket of non-circular cross section and the other having an extremity to fit in the socket in combination with a gun stock in which one of the parts is wholly contained.

5. A gun including a stock having an upwardly tapering socket in its under portion, a trigger mounted within the stock and hav-

ing a downwardly-extending stem with its lower end terminating within the socket, and a removable finger piece having a socketed end arranged to enter the socket of the stock
5 and fit on the stem of the trigger whereby the trigger can be actuated for releasing the hammer of the gun.

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

THOMAS JOHN CAHILL.

Witnesses:

JAMES H. STIRLING,
PETER RELES.