Dec. 29, 1936. H. C. GRAWUNDER 2,065,580

TOY GUN

Filed Oct. 26, 1935

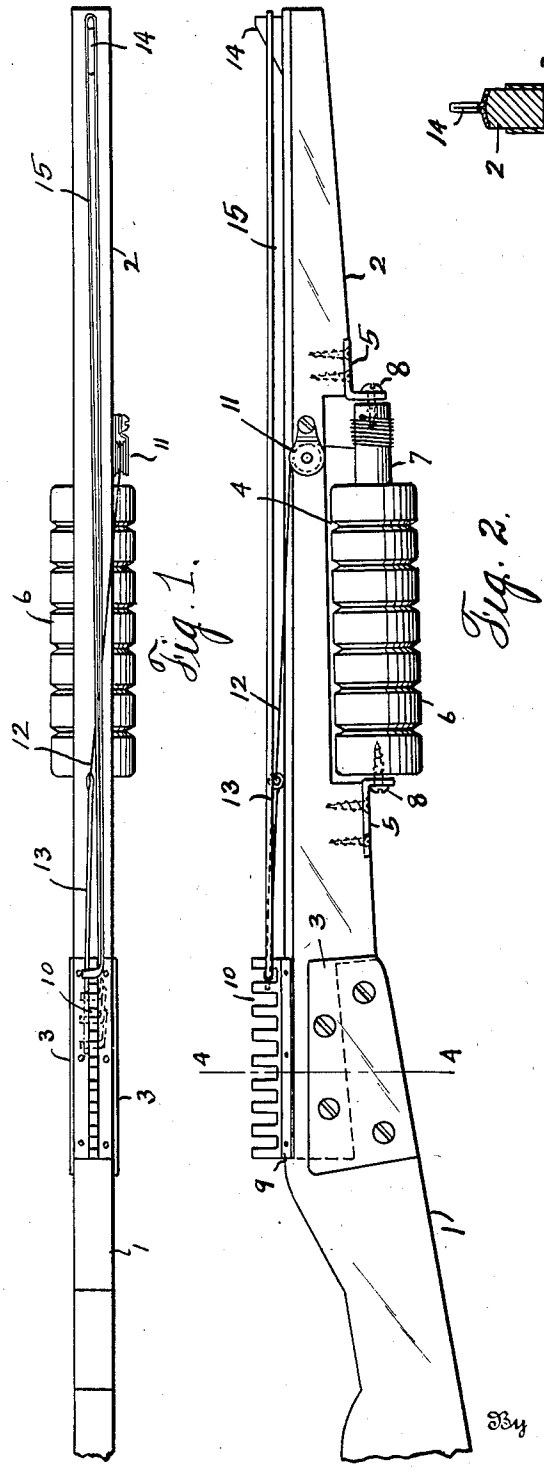


Fig. 1.

Fig. 4.

Fig. 2.

Fig. 3.

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Patented Dec. 29, 1936 2,065,580

UNITED STATES PATENT OFFICE

2,065,580

TOY GUN

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Application October 26, 1935, Serial No. 46,883

7 Claims. (Cl. 124—14)

This invention relates to a toy gun.

An object of the invention is to provide a gun of the character described specially adapted for the use of rubber bands as projectiles.

A further object is to provide a gun of the character described which may be loaded with a plurality of rubber bands, and is equipped with means whereby the bands may be released and projected in succession.

With the above and other objects in view the invention has particular relation to certain novel features of construction, operation, and arrangement of parts, an example of which is given in this specification and illustrated in the accompanying drawing, wherein:

Figure 1 shows a plan view of the gun, partly broken away.

Figure 2 shows a side elevation.

Figure 3 shows a side view of the grip portion of the stock, and

Figure 4 shows a sectional view taken on the line 4—4 of Figure 2.

Referring now more particularly to the drawing wherein like numerals of reference designate similar parts in each of the figures, the numerals 1 and 2 designate the two sections of the stock of the gun which are interfitted together, as shown in Figure 2 and are secured together by the side plates 3, 3, which may be secured in place by rivets or screws, as shown.

The underside of the section 1 has an elongated notch 4 therein, and secured to the under margin of said section at the ends of the notch are the angular brackets 5, 5. Working in said notch is a rotatable grip member 6 at one end of which there is a reduced extension 7 forming a cable winding drum. Screws 8, 8, are fitted through the overturned ends of the brackets 5, 5, and are screwed into the adjacent ends of the grip members 6 and drum 7, as shown in Figure 2.

At the breech of the gun there is a magazine 9 which is formed of an upstanding plate secured to the stock and whose upper margin has the notches 10 arranged along the magazine.

On one side of the stock and alongside the drum 7, there is a pulley 11. A cable 12 works around said pulley and may be wound on the drum 7. The other end of the cable is attached to a firing pin, or rod, 13.

At the muzzle end of the gun, there is an upstanding sight, 14.

In using a plurality of rubber bands 15, their ends may be engaged over the sight 14 and then drawn through the respective notches 10 and looped over the firing pin or rod 13. The gun is now loaded and ready for use.

In use the gun may be directed toward the target and the grip 6 turned to wind the cable 12 about the drum 7, and the firing rod 13 will thereby be pulled forwardly and will release the rubber bands in succession and in such rapidity as the user may select.

The drawing and description disclose what is now considered to be a preferred form of the invention by way of illustration only, while the broad principle of the invention will be defined by the appended claims.

What I claim is:

1. A toy gun comprising a stock, an upstanding magazine attached to the stock and having an opening to receive the loop at the end of an elastic band, a rod arranged to be positioned alongside and to extend the entire length of the magazine to be received by said loop, means at the muzzle end of the stock over which the band may be engaged to place the band under tension, and means arranged to be manually operated to withdraw the rod from the looped end of the band.

2. A toy gun comprising a stock having one end formed to receive a rubber band, an upstanding anchor at the breech end of the stock around which the loop forming the other end of the band may be engaged, a rod arranged to be inserted through said looped end to retain the band under tension, and manually operable means comprising a cable winding drum and a cable attached to the rod and arranged to withdraw said rod, when operated, to release the band to permit the projection of said band.

3. A toy gun comprising a stock having means thereon to receive a plurality of rubber bands thereover, an upstanding anchor at the breech end of the stock having openings through which the other ends of the bands may be drawn to place said bands under tension, a rod over which the last-mentioned ends of said bands may be looped to retain the bands under tension, and means for releasing said rod from said looped ends in succession.

4. A toy gun comprising a stock having means thereon to receive a plurality of rubber bands thereover, an upstanding anchor at the breech end of the stock having openings through which the other ends of the bands may be drawn to place said bands under tension, a rod over which the last-mentioned ends of said bands may be looped to retain the bands under tension, and means for releasing said rod from said looped

ends, said releasing means comprising a cable attached to said rod, a rotatable drum around which the cable is adapted to be wound, and a rotatable grip member through which the drum may be rotated.

5. A toy gun comprising a stock having means thereon to receive a plurality of rubber bands thereover, an upstanding anchor at the breech end of the stock having openings through which the other ends of the bands may be drawn to place said bands under tension, a rod over which the last mentioned ends of said bands may be looped to retain the bands under tension, and means for releasing said rod from said looped ends in succession, said releasing means comprising a rotatable drum mounted on the stock, a grip member for rotating the drum, a bearing member, and a cable attached to said rod and operating over said bearing member and being also attached to and adapted to be wound on said drum.

6. A toy gun comprising a stock, an upstanding magazine attached to the stock and having openings to receive the loops at the ends of a plurality of elastic bands, a rod arranged alongside, and extending from end to end of the magazine, to be received by said loops, means at the muzzle end of the stock over which the bands may be engaged to place the bands under tension, a cable attached to said rod, a bearing member over which said cable works, means for manually operating said cable to withdraw said rod from said loops to permit projection of said bands in succession.

7. A toy gun comprising a stock having one end formed to receive a rubber band, an upstanding hanger at the breech end of the stock around which the loop forming the other end of the band may be engaged, a rod arranged to be inserted through said looped end to retain the band under tension, and manually operable means for releasing said rod from said looped end, said releasing means comprising a cable attached to said rod, a rotatable drum around which the cable is adapted to be wound and a rotatable grip member through which the drum may be rotated.

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