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TOY GUN

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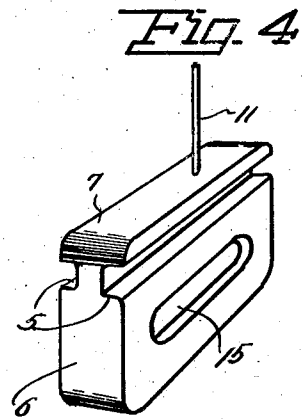
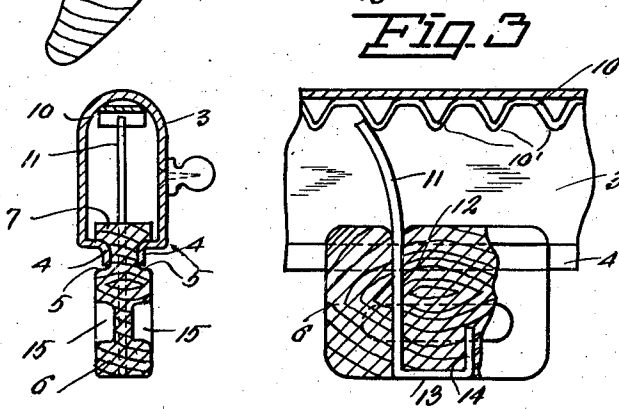
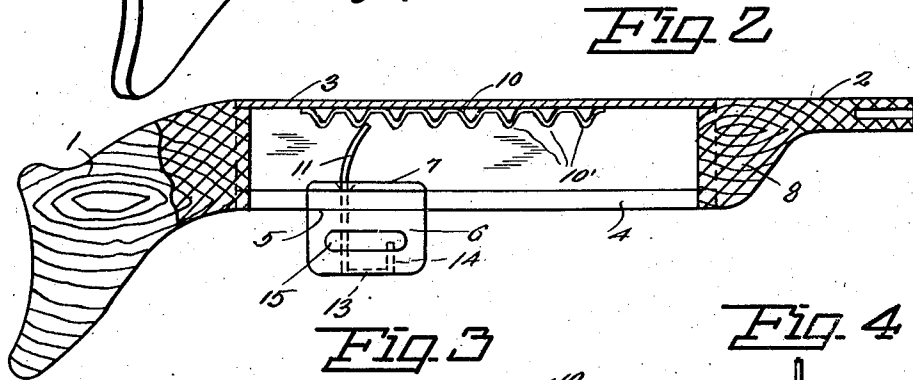
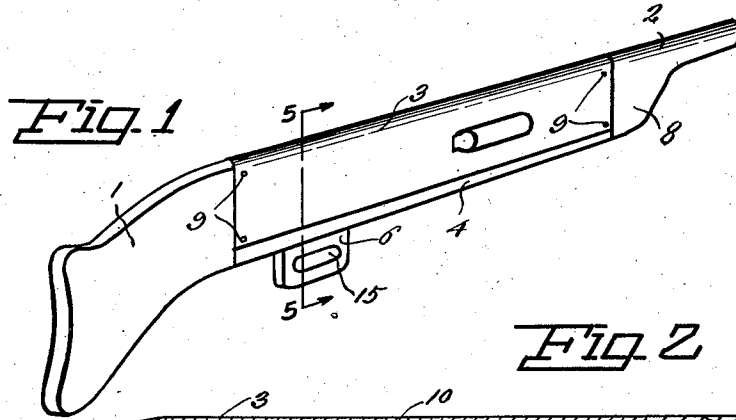
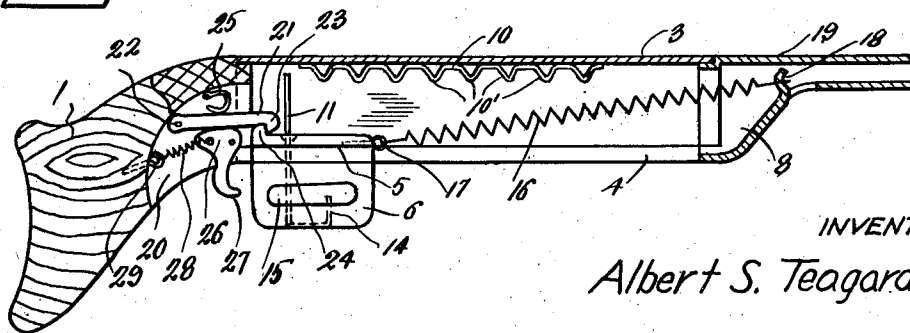
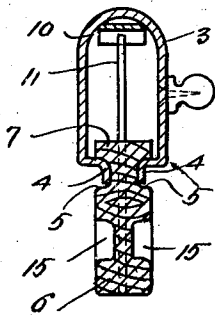


Fig. 5



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TOY GUN

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5 Claims. (Cl. 46—192)

This invention relates to a toy gun and it is one object of the invention to provide a gun of such construction that when it is in use a rattling noise resembling that of a machine gun being fired may be created.

Another object of the invention is to provide a gun wherein the body or casing is hollow and carries a block which is slidable longitudinally of the casing, a resilient wire being carried by the block and moving along a crimped strip in the casing to form the rattling noise as the block is slid along the casing.

Another object of the invention is to provide a toy gun of such formation that it may be held with its stock against a shoulder with one hand while the other hand grasps the block and slides the block along the casing or body of the gun.

Another object of the invention is to so form and mount the strand of resilient wire that it will be firmly anchored to the block and prevented from moving out of its proper upright position.

Another object of the invention is to so form and so mount the block that while it may be easily slid along the casing or body of the gun it will be prevented from becoming detached therefrom.

Another object of the invention is to provide a gun wherein a latch is provided for releasably holding the block at the rear end of the body or casing, a trigger being mounted at the front end of the stock for moving the latch to a releasing position and allowing a spring to shift the block forwardly along the casing and cause rattling noise resembling that of a burst of machine gun fire.

The invention is illustrated in the accompanying drawing wherein:

Fig. 1 is a perspective view of the improved toy gun.

Fig. 2 is a sectional view taken longitudinally through the gun.

Fig. 3 is a fragmentary view upon an enlarged scale showing a portion of the casing or body of the gun in section and the block in longitudinal section.

Fig. 4 is a perspective view of the block.

Fig. 5 is a transverse sectional view taken along line 5—5 of Figure 1.

Fig. 6 is a sectional view taken longitudinally through a gun of modified construction.

This gun has a stock 1, a barrel 2, and a body or casing 3, the stock and the barrel being formed of wood and the casing or body being formed of sheet metal. The sheet metal casing is open along its bottom or under side and side

edge portions of the sheet of metal from which the casing is formed are bent to form flanges 4 which extend downwardly and engage in grooves 5 formed along upper edge portions of opposite side faces of a block 6. This block is also formed of wood and since its upper portion or head 7 is disposed within the casing, the block may be slid longitudinally of the casing but cannot drop downwardly out of engagement with the casing. Longitudinal movement of the block is limited by engagement of the block with the front end of the stock and the rear end of the enlarged rear portion 8 of the barrel 2. Nails 9 are driven through the front and rear ends of the casing and into the barrel and the stock to firmly hold the barrel and the stock to the body or casing.

When the gun is in use it is desired to create rattling noises similar to those of a machine gun when discharged. In order to do so there have been provided a rack 10 which extends longitudinally in the casing and a striker 11 carried by the block 6. The rack 10 is formed from a strip of sheet metal which is crimped to form V-shaped fingers 10' spaced from each other longitudinally of the rack and the striker is formed from a strand of resilient wire which is passed through an opening 12 formed vertically through the block. The lower portion of the striker is bent to form a forwardly extending anchoring arm 13 terminating in an upstanding finger 14 which is embedded in the block and serves to firmly hold the striker in place. The striker passes through the block between finger-receiving recesses 15 and when the block is grasped with fingers engaged in the recesses and shifted longitudinally of the casing or body 3 in either direction the free upper end portion of the striker will move with a snapping movement from one finger 10' to another and a rattling noise will be created constituting a realistic representation of explosions of a machine in operation.

In Figure 6 there has been shown a gun of a modified construction wherein the block is urged forwardly by a helical spring 16 which extends longitudinally in the casing and has its rear end connected with a screw eye 17 carried by the front end of the block and its front end connected with a hook or bill 18 carried by the barrel. This barrel 19 is formed of sheet metal instead of wood and the hook 18 is formed from a tongue struck from the front end of the rear portion of the barrel and bent inwardly. The stock has its front end formed with a pocket 20 in which a latch 21 is pivotally mounted by a pin 22, and

this latch extends longitudinally of the stock with its front end portion projecting from the pocket into the rear end of the casing and terminating in a bill 23 projecting downwardly for engagement with a tooth or lug 24 at the rear end of the block. A leaf spring 25 urges the latch downwardly so that as the block is shifted rearwardly the tooth may ride under the bill and the bill then engage in front of the tooth and hold the block in its rearward position. The latch rests upon a cam 26 at the pivoted inner or upper end of a trigger 27 and a spring 28 carried by the cam and having its rear end anchored to a screw eye 29 yieldably holds the trigger in the normal position shown in Figure 6. When pressure is applied to the trigger by a finger to swing the trigger rearwardly the latch will be tilted upwardly and its bill moved out of engagement with the tooth or lug 24 of the block. Therefore the block will be released and may be moved forwardly by contraction of the spring 16, the striker moving across teeth of the rack during this forward movement and creating a rattling noise resembling the sound produced by a burst of machine gun fire.

Having thus described the invention, what is claimed is:

1. A toy gun comprising a body having a slot along its under portion, a stock having its front end secured to the rear end of said body, a barrel having an enlarged rear end portion secured to the front end of said body, said body being provided with inwardly extending depending flanges along opposite sides of its slot, a rack extending longitudinally in said body and having depending V-shaped fingers, a block extending through the slot in the under portion of said body and having opposite side faces formed with longitudinally extending grooves into which said flanges fit to slidably mount the block and hold it in engagement with the body, and a striker formed from a strand or resilient wire passing vertically through said block with a portion projecting upwardly from the block within the body for engaging the fingers of said rack and creating rattling noise as the block moves longitudinally of the body.

2. A toy gun comprising a stock, a barrel, a hollow elongated body secured at its ends to the stock and the barrel, said body being formed of sheet material and having edge portions bent to form a longitudinally extending slot in the under portion of the barrel and inwardly extending depending flanges along opposite sides of the slot, a block slidable longitudinally of said body through the slot and having side faces formed with longitudinally extending grooves in which said flanges engage, a rack extending longitudinally in said body, and a resilient striker carried by said block and extending towards the rack for moving across teeth of the rack and creating a rattling noise as the block is moved longitudinally of the body.

3. A toy gun comprising a stock, a barrel, a hollow body disposed between and secured at its ends to said stock and said barrel and formed in

its under portion with a longitudinally extending slot, a block depending from the under portion of said body with its upper portion passing through the slot and having side faces formed with longitudinal grooves in which portions of the body at opposite sides of the slot engage to slidably mount the block, a toothed rack extending longitudinally in said body, and a resilient striker carried by said block and projecting therefrom with its free end moving along the rack in snapping engagement with teeth thereof to create rattling noise as the block is slid longitudinally of the body through the slot.

4. A toy gun comprising a stock, a barrel, a hollow body disposed between and secured at its ends to said stock and said barrel and formed in its under portion with a longitudinally extending slot, a block depending from the under portion of said body with its upper portion passing through the slot and interengaging portions on the block and side walls of the slot slidably mounting the block for movement longitudinally of the body, a rack in said body, and a strand of resilient wire passing through said block with one end portion projecting from the block within the body and having its free end engaging the rack to form rattling noises as the block is slid longitudinally of the body, said strand having its outer portion bent to provide a portion extending longitudinally of the under surface of the block and terminating in a finger embedded in the block.

5. A toy gun comprising a stock, a barrel, a hollow body disposed between and secured at its ends to said stock and said barrel and formed in its under portion with a longitudinally extending slot, a block depending from the under portion of said body with its upper portion passing through the slot and interengaging portions on the block and side walls mounting the block for movement longitudinally of the body, a rack in said body, a striker carried by said block and projecting therefrom within the body and having engagement with the rack to create rattling noise as the block is moved longitudinally of the body, a spring in said body extending longitudinally therein in front of said block and having its ends connected with the barrel and the block and urging the block forwardly, a tooth carried by said block within the body, said stock being formed with a pocket communicating with the rear end of the body, a latch in said pocket pivoted at its rear end for vertical tilting movement and having its front end extending into the body and formed with a bill for engaging the tooth and releasably holding the block in a rearwardly moved set position with the spring stretched, a cam in said pocket pivotally mounted under the latch and having a trigger extending downwardly out of the pocket, a spring in said pocket yieldably holding the latch in engagement with said cam, and a spring yieldably holding the cam and its trigger in a normal position.

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