

J. A. GILCHRIST.
TOY BLOW GUN.
APPLICATION FILED MAY 26, 1910.

1,009,063.

Patented Nov. 21, 1911.

Fig. 1.

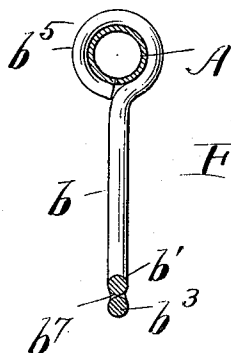
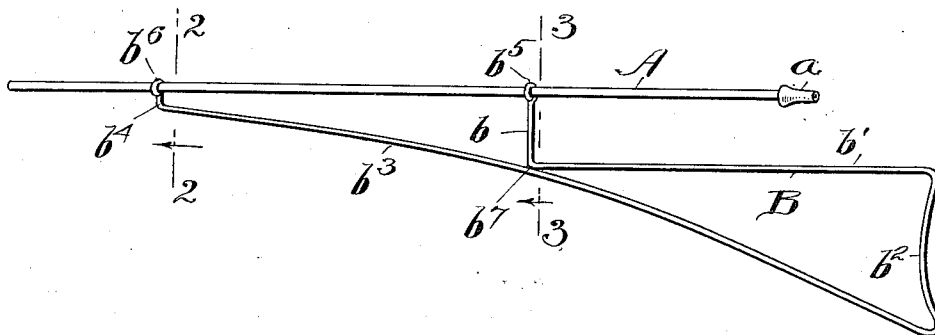


Fig. 3.

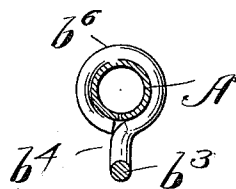


Fig. 2.

Witnesses,
E. B. Gilchrist
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UNITED STATES PATENT OFFICE.

JOSEPH A. GILCHRIST, OF CLEVELAND, OHIO.

TOY BLOW-GUN.

1,009,063.

Specification of Letters Patent. Patented Nov. 21, 1911.

Application filed May 26, 1910. Serial No. 563,475.

To all whom it may concern:

Be it known that I, JOSEPH A. GILCHRIST, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Toy Blow-Guns, of which the following is a full, clear, and exact description.

The object of this invention is to provide a toy blow-gun of such construction as to be simple, cheap and durable.

The novel feature of the invention resides particularly in the construction of the stock, as shown in the drawings, and the invention is hereinafter described and definitely pointed out in the claim.

In the drawings, Figure 1 is a side elevation; and Figs. 2 and 3 are vertical sections in the planes indicated by lines 2 and 3 on Fig. 1.

Referring to the parts by letters, A represents the gun barrel, which is simply a cylindrical metal tube. *a* represents a mouth piece applied to the rear end of this barrel.

B represents the stock, which is made of stiff wire bent so as to have the vertical member *b*, the rearwardly extended horizontal member *b'*, the substantially vertical member *b²*, the forwardly extended inclined member *b³*, and the vertical member *b⁴*, which is well in advance of the vertical member *b*. Each of these vertical members is bent at its upper end to form the eyes *b⁵* and *b⁶* respectively. The forwardly extended inclined member *b³* is brought into contact with the angle *b⁷* which connects the members *b* and *b'*, and the contacting parts are brazed, welded, soldered, or otherwise rigidly fastened so as to make a stiff rigid structure. The tubular barrel A is passed through the two eyes *b⁵* and *b⁶* in which it should fit with some snugness, so as to be movable lengthwise when required, but so that it will approximately stay in whatever position it is placed. The inclined member *b³* extending from the butt end of the stock to its point of attachment to the barrel, through the member *b⁴* and eye *b⁶*, acts as a strut or brace from the butt of the

stock to a point on the barrel considerably in advance of the rearward eye *b⁵*. By this means the barrel is supported from the stock by two distinct stock members which are advantageously disposed to form a rigid stock structure and which are connected to the barrel at points so widely separated, therealong, that the relations of the stock and barrel are not dependent for stability upon the stiffness of a single strand *b* of the wire. And further the connecting of these two members at their point of contact *b⁷* enables each to lend support to the other and thereby stiffen the stock formation.

I am aware of the patent to Evatt, No. 370,532, granted Sept. 27, 1887, and I disclaim whatever is shown in that patent which bears any resemblance to my gun herein shown and described. This invention is intended as an improvement upon the gun of that patent,—the object being, as stated, to make the construction simpler, cheaper, more rigid and more durable.

Having described my invention, I claim:

In a toy blow-gun, a tubular metal barrel and a stock made of wire bent substantially as shown to form a vertical member *b*, a rearwardly extending horizontal member *b'*, an approximately vertical rear member *b²* which constitutes the butt of the stock, an inclined bracing member *b³* extending forwardly from the butt to a point along the barrel well in advance of the member *b*, and a vertical member *b⁴*, each of said vertical members *b* and *b⁴* having eyes *b⁵* and *b⁶* respectively which embrace the barrel at widely separated points; said inclined bracing member being rigidly secured to the bend formed in the wire between members *b* and *b'*, the barrel being slidably held in said eyes.

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

JOSEPH A. GILCHRIST.

Witnesses:

H. R. SULLIVAN,
E. L. THURSTON.