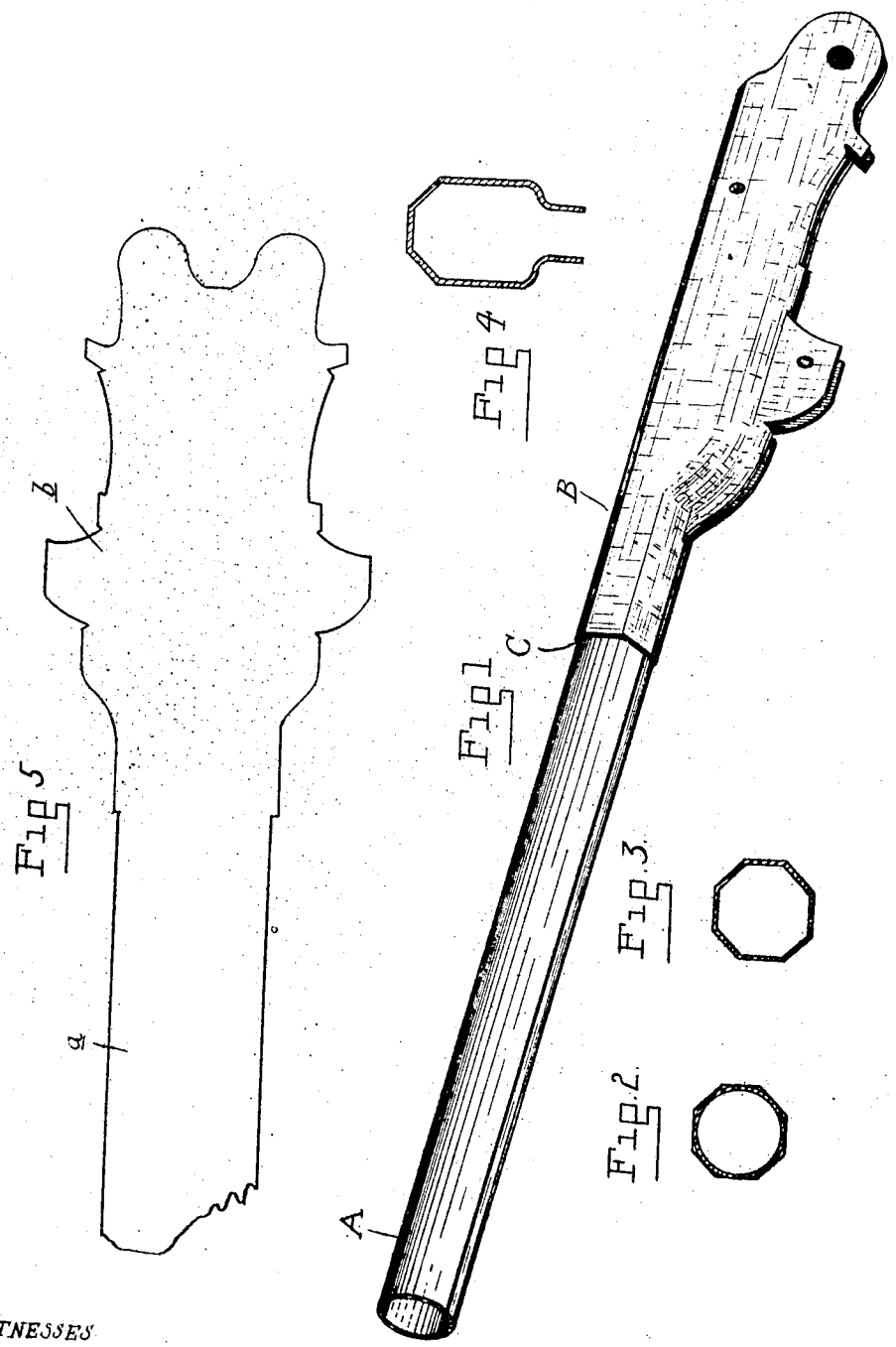
No. 876,370.

PATENTED JAN. 14, 1908.

W. F. MARKHAM & E. S. ROE.

COMBINED FRAME AND FALSE BARREL FOR GUNS.

APPLICATION FILED APR. 15, 1907.



WITNESSES

W. K. Ford.

James P. Barry.

INVENTORS

William F. Markham & Ernest S. Roe.

By Whittemore Hulbert & Whittemore

atty.

UNITED STATES PATENT OFFICE.

WILLIAM F. MARKHAM AND ERNEST S. ROE, OF PLYMOUTH, MICHIGAN, ASSIGNORS TO MARKHAM AIR RIFLE COMPANY, OF PLYMOUTH, MICHIGAN, A CORPORATION OF MICHIGAN.

COMBINED FRAME AND FALSE BARREL FOR GUNS.

No. 876,370. Specification of Letters Patent. Patented Jan. 14, 1908.

Application filed April 15, 1907. Serial No. 368,332.

To all whom it may concern:

Be it known that we, WILLIAM F. MARKHAM and ERNEST S. ROE, citizens of the United States of America, residing at Plymouth, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in a Combined Frame and False Barrel for Guns, of which the following is a specification, reference being had therein to the accompanying drawings.

It is the object of the invention to construct both the frame and the false barrel of a gun of a single sheet metal blank.

To this end, the invention consists in the peculiar construction as hereinafter set forth.

In the drawings, Figure 1 is a perspective view; Figs. 2, 3 and 4 are cross sections respectively on lines *x*—*x*, *y*—*y*, and *z*—*z*, of Fig. 1. Fig. 5 is a plan view of the sheet metal blank, of which the frame and barrel are formed.

A is the barrel portion of the gun, and B the frame portion. These parts are usually formed of separate sections which are united to each other in various ways, such as by clamping in the frame section above the rear end of the barrel or by slotting it thereabout. With the present construction both portions are formed from a single sheet metal blank, such as illustrated in Fig. 5, in which *a* is the barrel forming portion and *b* the frame forming portion. This blank is then formed up by means of suitable dies, so as to bend the portion *a* into a cylindrical section, and the portion *b* into a polygonal section. At the line of division between these portions, the metal is bent to form a shoulder C, which gives the appearance of a two part construction, and also forms a shoulder for anchoring the abutment within the barrel.

A gun thus constructed is both cheaper and better than constructions in which the barrel and frame are formed of separate sections. The barrel portion, at the opposite edges of the blank, are brought together to form a butt joint, and where a portion of the barrel is used for the air compression cylinder, the joint at this portion may be soldered.

The section of the frame portion, illustrated in Fig. 2, also has the opposite edges of the blank abutted, but the remainder of the frame portion is formed with downwardly-extending parallel flanges, between which the stock portion of the gun and the spring compressing lever may be engaged.

What I claim as my invention is:

1. In a gun, a barrel and a frame formed from an integral sheet metal blank having a shoulder formed along the line of division between the two portions of the blank, the barrel portion having the opposite edges of the blank abutted and being of cylindrical form and the frame portion being of polygonal form having downward extending parallel flanges, for the purpose described.

2. In a gun, a barrel and a frame formed from an integral sheet metal blank, and having a shoulder formed along the line of division between the two portions of the blank.

3. In a gun, a barrel and a frame struck up from an integral sheet metal blank, the barrel portion having the opposite edges of the blank abutted on the lower side thereof, and being of cylindrical form, and the frame portion being of polygonal form.

4. In a gun, a barrel and a frame formed from an integral sheet metal blank, the barrel portion having the opposite edges of the blank abutted and being of cylindrical form, and the frame portion being of polygonal form, having a shoulder between it and the cylindrical portion.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM F. MARKHAM.
ERNEST S. ROE.

Witnesses:
C. B. SHORTMAN,
E. P. LOMBARD.