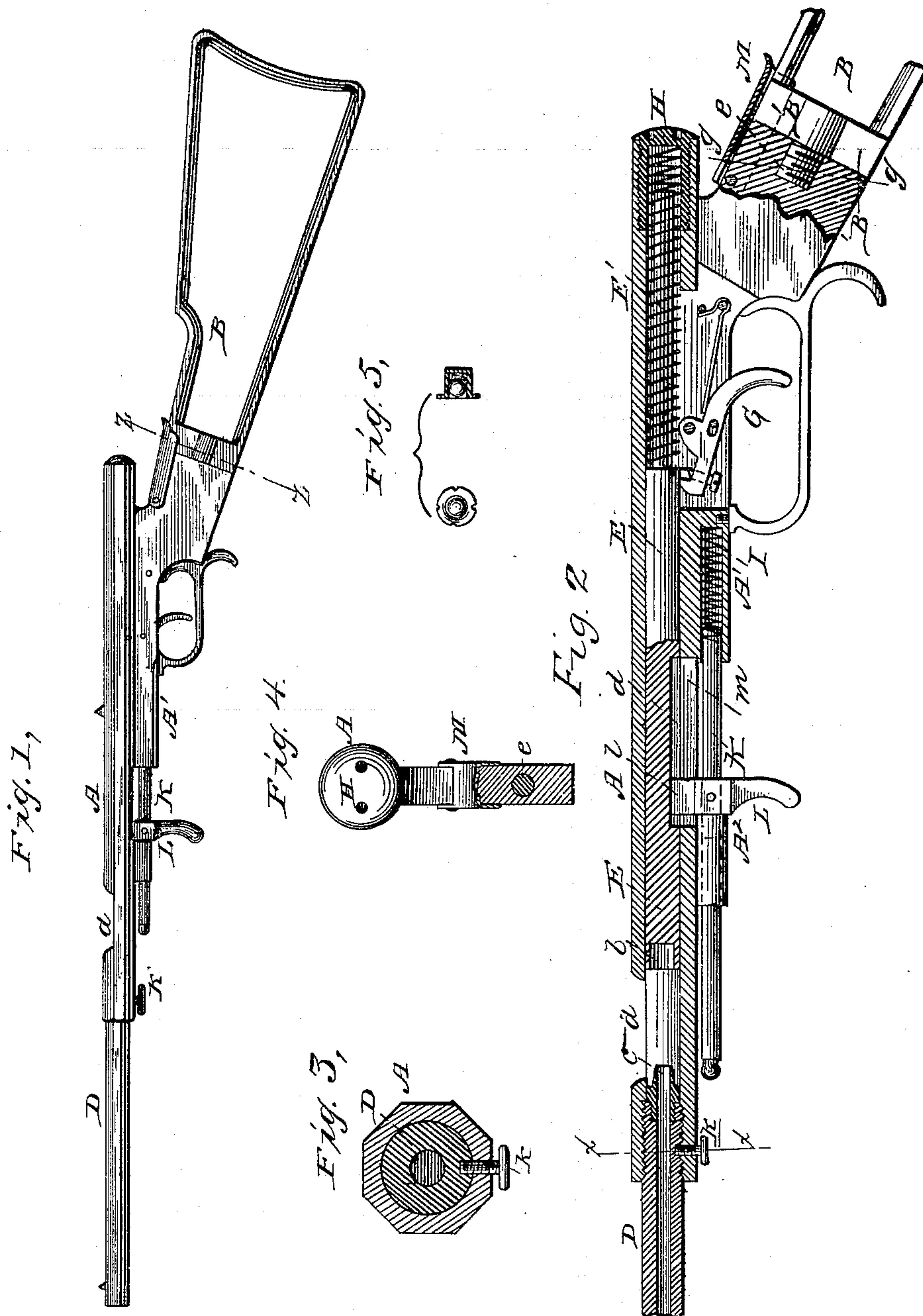


(No Model.)

J. ZÜNDORFF.
PARLOR RIFLE.

No. 269,152.

Patented Dec. 12, 1882.



WITNESSES:

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JOHN ZÜNDORFF, OF NEW YORK, N. Y.

PARLOR-RIFLE.

SPECIFICATION forming part of Letters Patent No. 269,152, dated December 12, 1882.

Application filed May 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN ZÜNDORFF, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Parlor-Rifles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved parlor-rifle. Fig. 2 is a longitudinal vertical section of the same on an enlarged scale. Fig. 3 is a vertical transverse section through the barrel of the rifle on line *x x* in Fig. 2. Fig. 4 is a cross-section through the stock with its latch on line *y y* in Fig. 1, and Fig. 5 is an end view and a section of the cartridge used with the rifle.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates certain improvements upon the parlor-rifle for which Letters Patent No. 237,357 were granted to me on the 1st day of February, 1881, having for their object to facilitate the operation of the same, as well as to simplify its construction.

The nature of the said improvements will be hereinafter more fully described and claimed.

Referring to the drawings, the letter A represents the barrel, and B the stock or skeleton stock-frame, of my improved parlor-rifle. The barrel A is in two parts or sections, between which a recess or opening, *a*, is arranged, of sufficient length and width to permit the fingers to be inserted into it to get easily at the nipple C, which is screwed centrally into the rear end of an interior shell or cylinder, D, of the front section of the barrel. The nipple and shell have a bore of equal diameter throughout, said bore corresponding to the size or caliber of the ball of the cartridge to be used.

In the rear section of the barrel A, back of the recess *a*, is arranged a solid cylindrical hammer, E, which is acted upon at its rear end by a strong spiral spring, E', the spring being placed around the stem of the hammer, between the shoulder of the same, and a screw-cap, H, inserted into the rear end of the bar-

rel. The hammer is provided at its front part with a guard-flange, *b*, which forms a kind of socket for the nipple and prevents the escape of any portion of the cartridge when the latter is exploded.

A' is a smaller barrel, which projects from the under side of the rear section of barrel A, and contains a coiled spring, I, against which works the rod or plunger K, the upper part of the latter being guided through a sleeve, A². Upon plunger K is fastened, by a pin or screw or in any other suitable manner, a finger-piece, L, which has a lip or stud, *l*, that projects through a slot, *m*, in the rear section of the barrel into a recess, *d*, in the under side of the sliding spring-hammer E. It will thus be seen that by pushing or pressing the finger-piece L down in the direction of the stock or butt-end of the rifle, hammer E will be thrown back until retained by a trigger, G, which springs into a catch of the hammer. The trigger G may be of any approved construction, and retains the hammer in cocked position, so as to permit it to be thrown forward by its spring on being released from the trigger. After the hammer has been set or cocked in this manner the rod or plunger K will be brought back into its normal position in its barrel A' and sleeve A² by the spring I.

The cartridge used is the same as that described in my Letters Patent No. 237,357 and shown in Fig. 5 of the accompanying drawings. It consists simply of a common percussion-cap—such as is used for regular United States service fire-arms—and of a ball, which is retained at the bottom of the cap by means of tallow, by a thin wad of tissue-paper, or in any other suitable manner. This cartridge is placed in position upon the nipple, the pressure thereon forcing the ball into the same. When the hammer strikes the cap the force of the explosion of the fulminate in the latter throws the ball with considerable force through the nipple and shell. When the nipple becomes battered by use it can be readily unscrewed and replaced by a new one, so that the rifle is always in condition for use. The cartridge employed is cheaper than those at present in use for parlor-rifles, but accomplishes in every respect the same results. The hammer moves in a line with the nipple in the rear section of the bar-

rel, and is readily set by the plunger K with its finger-piece, which also gives a neat and attractive finish to the rifle. The butt-end of the barrel has a downward-projecting bracket-piece, B', provided with a screw, *e*, by means of which it is attached to the stock or shoulder-piece B. To hold the latter properly in place and prevent it from turning upon the screw after it has been screwed home, I employ a latch, M, which is hinged at *f* to the piece B', and catches with its flanged sides or wings over the adjacent top part of the stock or stock-frame, as clearly shown in Fig. 4 of the drawings. By throwing this latch up so as to disengage it from the part B the latter may readily be detached by unscrewing it.

It is obvious that my improvement is applicable to pistols as well as to rifles by shortening the barrel and using a stock of different shape.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a parlor-rifle, the combination of the main barrel A, slotted at *m*, and having the supplementary barrel A' and sleeve A², spring I inserted into the supplementary barrel A', plunger K, having finger-piece L, provided with the lip or stud *l*, and sliding spring-acted hammer E, recessed at *d*, substantially as and for the purpose herein shown and set forth.

2. In a parlor-rifle, the combination of the barrel A, having breech-piece B', provided with the screw *e*, and hinged latch M, with the detachable stock or shoulder-frame B, substantially in the manner and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOHN ZÜNDORFF.

Witnesses:

MARTIN HOFlich,
MAX OETTEL.