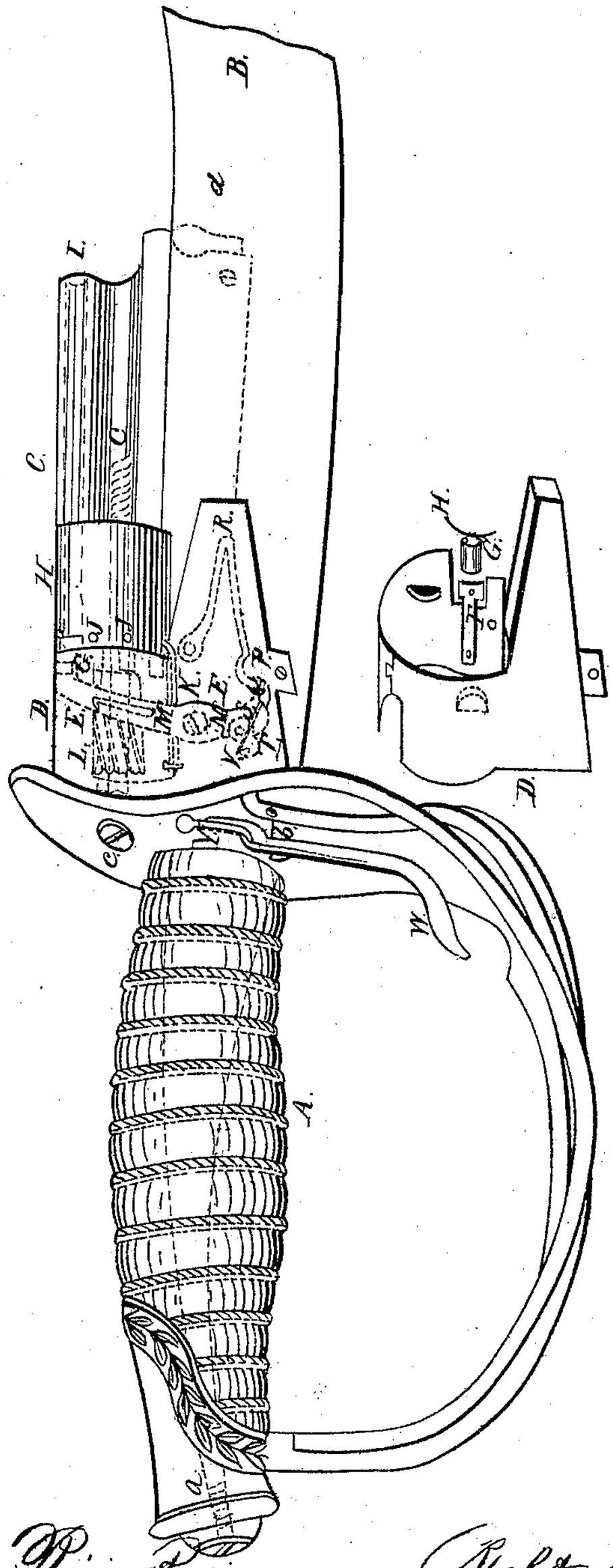
R. J. COLVIN, Jr.

Pistol Sword.

No. 34,740. Patented March 25, 1862.



Witnesses:

Wm. Franklin Peigart

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UNITED STATES PATENT OFFICE.

ROBERT J. COLVIN, OF LANCASTER, PENNSYLVANIA.

IMPROVEMENT IN COMBINED SWORD AND PISTOL.

Specification forming part of Letters Patent No. **34,740**, dated March 25, 1862.

To all whom it may concern:

Be it known that I, ROBERT J. COLVIN, of the city of Lancaster, county of Lancaster, and State of Pennsylvania, have invented new and useful Improvements in Fire-Arm and Sword Combined; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in combining a pistol or revolving fire-arm with a sword or saber, forged with the blade or attached to swords or sabers now in use; the trigger and spring with the hilt of the sword; the curved and flanged cylinder in combination with the cylinder with chamber; the shape and construction of the hammer with its devices.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A represents the handle, and B the blade of the sword or saber; C, the fire-arm or revolving pistol; D, the shield or cap that surrounds the devices of the pistol. It extends down on each side, and is held to the blade B by screws. It is open at top, so as not to interfere with the operation of the hammer E. This shield D has likewise a spring, F, at the side, which has a curved flange on its end, and which is for the purpose of guiding the percussion-cap G safely to its place upon the nipples of the barrels or revolving cylinder H. The cylinder H has six chambers and the main barrel I in front. It has likewise six indentations or holes, J, around it, on the outside, which are for the purpose of allowing the spring K with its curved point to fall regularly into each of the holes J and hold the cylinder until its load is discharged. The cylinder L of the chambered cylinder H has curved flanges in which the spring M operates. The spring M is fastened on the inside of hammer E, and has a curved point which travels on the upper side of each flange of cylinder L and gives the revolving motion to the flange of cylinder L and to the chambered cylinder H until it reaches the end of the flange, when the spring falls upon the next flange by the forward motion of the hammer E. The hammer E works upon the bolt or fulcrum N, which has a curved point, P, underneath, against which the spring R presses. Between this fulcrum N and point P, attached to the hammer E, is a circular plate, S, with a lug or projecting pin, T, which operates as a fly independently of the hammer. A spring, V, fastened at the point P, extends across and rests upon the pin T. The trigger W presses against the lug T and forces the lower part of hammer forward, and thus the upper part of hammer E is drawn back until the trigger passes off the lug T, when the mainspring R forces the lower point, P, of the hammer back and downward, and the hammer falls with force upon the percussion-caps G, and the trigger W, by the power of the spring Y, is thrown back to its place, the independent motion of the fly or lug T allowing it to pass back, while the spring V holds the fly T to its place, ready for the next forward movement of the trigger W. The trigger W works in the hilt of the sword upon a pin, *b*, extending through the hilt, thereby placing the trigger out of the way of interference when fencing or injury by accident, at the same time convenient in handling.

A nut, Z, is attached to the head of the handle A, which operates on a screw, *a*, (which is cut upon the rear end of the blade B, which passes through the handle,) for the purpose of tightening or slightly drawing the blade back a thirtieth part of an inch, more or less, in case the trigger W wears the lug T.

c is a screw-bolt, (extending from the hilt to the under part of the barrel C,) upon which the cylinders L and H revolve.

I shape the scabbard to correspond and cover the devices of the fire-arms and attach a ramrod to the scabbard. The main barrel C, with its bore I, I intend to have forged solid with the blade B or with flanges *d* underneath to slide upon and be fastened to any of the ordinary swords or sabers now in use.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and combination of a sword with a revolving pistol, when the said revolving pistol is arranged or attached to the back of the blade of the sword, in advance of the handle, by flanges or otherwise, as herein described.

ROBT. J. COLVIN.

Witnesses:

J. FRANKLIN REIGART,

ISRAEL L. LANDIS.