

FALKENAN, POLLAK & WIENER.

Watch Key.

No. 14,056.

Patented Jan. 8, 1856.



Fig. 1.

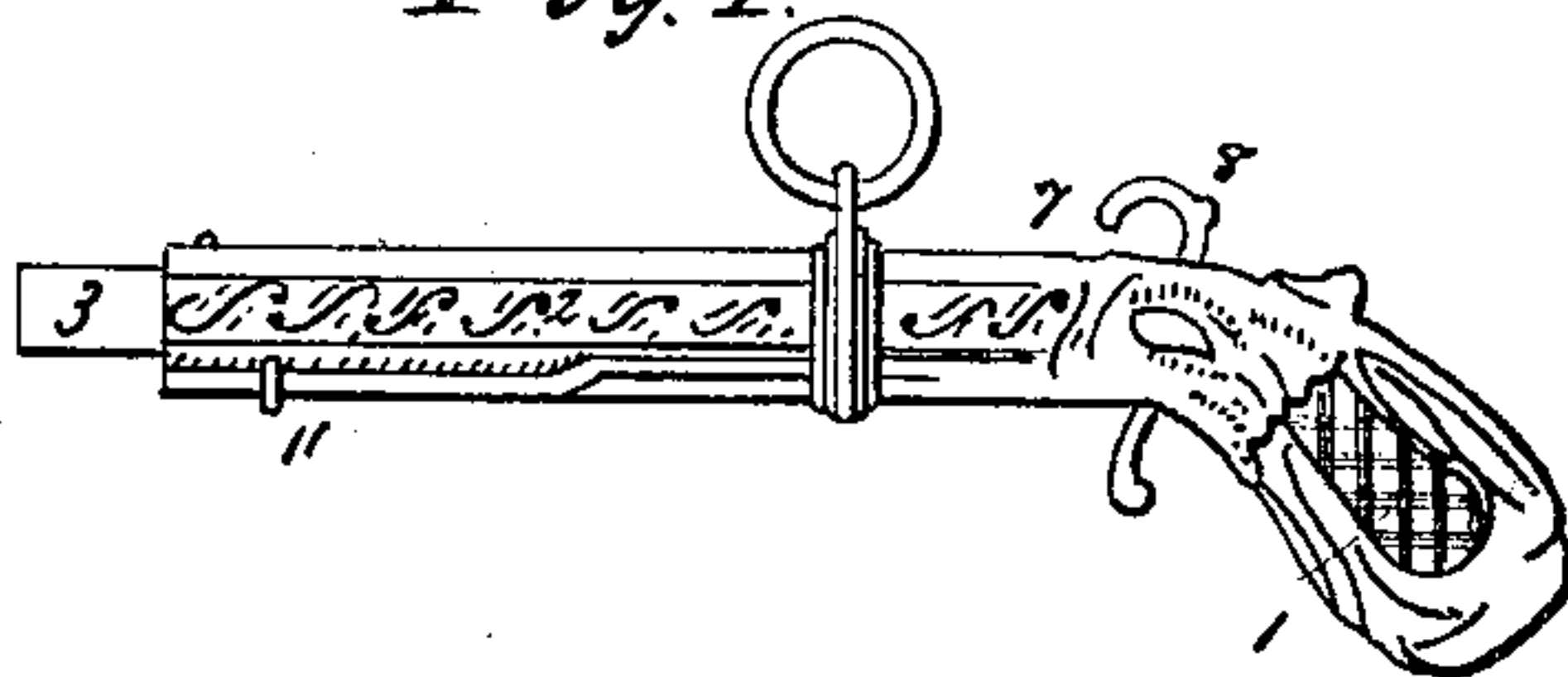
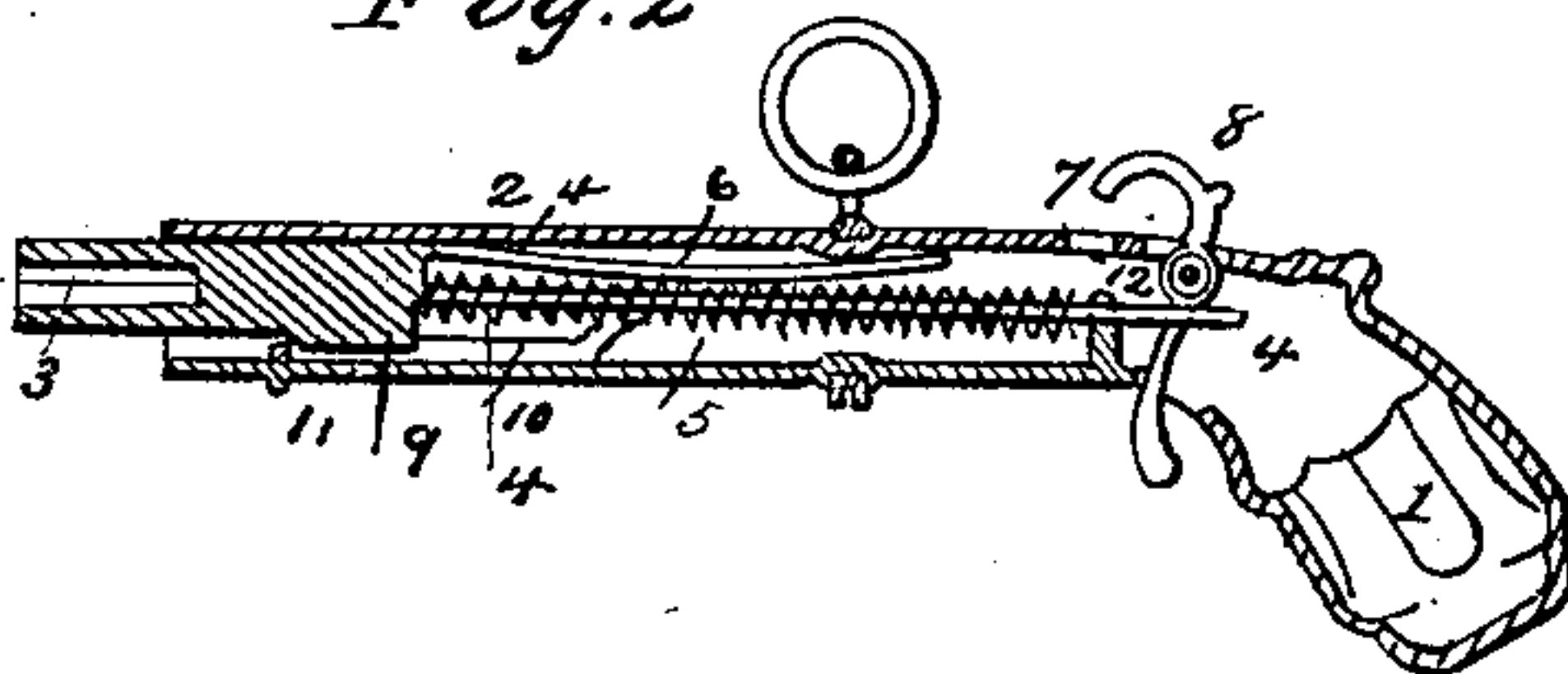


Fig. 2



Witnesses:

Lemuel W. Gorrell

Thomas Gibbard

*Inventors:*

Morris Fullenway

Harris Pollak

Solomon Wilner

# UNITED STATES PATENT OFFICE.

MORRIS FALKENAW, OF NEW YORK, N. Y., AND MORRIS POLLAK AND SOLOMON WIENER,  
OF HOBOKEN, NEW JERSEY.

## WATCH-KEY.

Specification of Letters Patent No. 14,056, dated January 8, 1856.

*To all whom it may concern:*

Be it known that we, MORRIS FALKENAW, of the city of New York, State of New York, and MORRIS POLLAK and SOLOMON WIENER, of Hoboken, in the county of Hudson and State of New Jersey, have invented, made, and applied to use a new and useful Improvement in Watch-Keys; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1, is a side elevation in larger size of our watch key. Fig. 2, is a vertical section of the same and Fig. 3, is an end view of the pipe and case.

Similar marks of reference indicate the same parts.

The nature of our said invention consists in a peculiar construction and arrangement of parts whereby the pipe of the key is projected from the case by means of a spring, when the same is to be used for winding a watch, and which pipe is afterward to be again forced back into the case, and retained by a spring catch. Thereby said pipe is out of sight and the ornamental character of the key is not injured by the same.

In the drawings we have represented a key in the form of a pistol as being a shape most readily adapted to our improvements. 1, represents the handle part of said pistol and 2, the barrel, and the shape or ornamentation of the same may be of any desired character.

3, is the pipe of a size to fit the desired watch, and from the back end a wire 4, extends through a small division in the case 2; and around this wire 4, a helical spring 5, is fitted, that acts to face said pipe out of the case 2, but is prevented from so doing by a sliding key 9 on the inner part of the pipe 3, that fits a groove 10, and the inner side of the case 2, and the outer end of this groove is closed by means of a small ring 11, soldered into place. It will be seen that this groove 10, is formed in that part of the case which represents the ramrod of the pistol, and acts in connection with the key 9, to cause the case 2 and pipe 3, to turn together, also guides the pipe 3, as it is shoved back, and prevents the pipe from being detached from the case until the ring 11, is removed. In order to retain the pipe 3, within the case,

we make use of a spring 6, attached to one side of the pipe 3, and terminating with a small block or stud at the inner end, and said stud springs up into a hole 7 when the pipe 3, is forced entirely into place. And to discharge said stud out of the hole 7 we make use of a trigger 8, passing through a slot in the case and moving in such a manner on its center pin 12, as to act on the stud in the hole 7, when said trigger is pulled and allow the spring 5, to project the pipe 3, out of the case ready for use in winding a watch or clock; whereas if the nail were used to force the stud down the case would be apt to become bent or scratched, and the nail injured.

We do not claim projecting a pipe or square of a watch key out of the case, as this has already been done, but in such a manner as readily to wear out and also be more costly in its construction, but by the use of the key 9 on the side of pipe 3 acting in the groove 10, the pipe is effectually connected with the case, and is very permanent and reliable in preventing the pipe from turning separately from the case, guiding the pipe as it is moved in or out, and preventing said pipe from becoming detached from the case, and said key 9, being on the opposite side of the pipe 3, to the spring 6, is constantly forced thereby into the groove 10, compensating for any wear.

What we claim and desire to secure by Letters Patent is—

1. The key 9 on the pipe 3 pressed into the groove 10, by the spring 6, and sliding in said groove 10, which is closed at its outer end, thereby causing said pipe to be turned by the case, compensating for wear, and also regulating the extent of motion of said pipe as specified.

2. Also we claim the trigger piece 8, combined with the stud spring 6, to remove said stud from the hole 7 and allow the pipe 3, to be projected from the case as specified.

In testimony whereof we have hereunto set our signatures this seventeenth day of December, 1855.

MORRIS FALKENAW.  
MORRIS POLLAK.  
SOLOMON WIENER.

Witnesses:

LEMUEL W. TERRELL,  
THOMAS G. HAROLD.