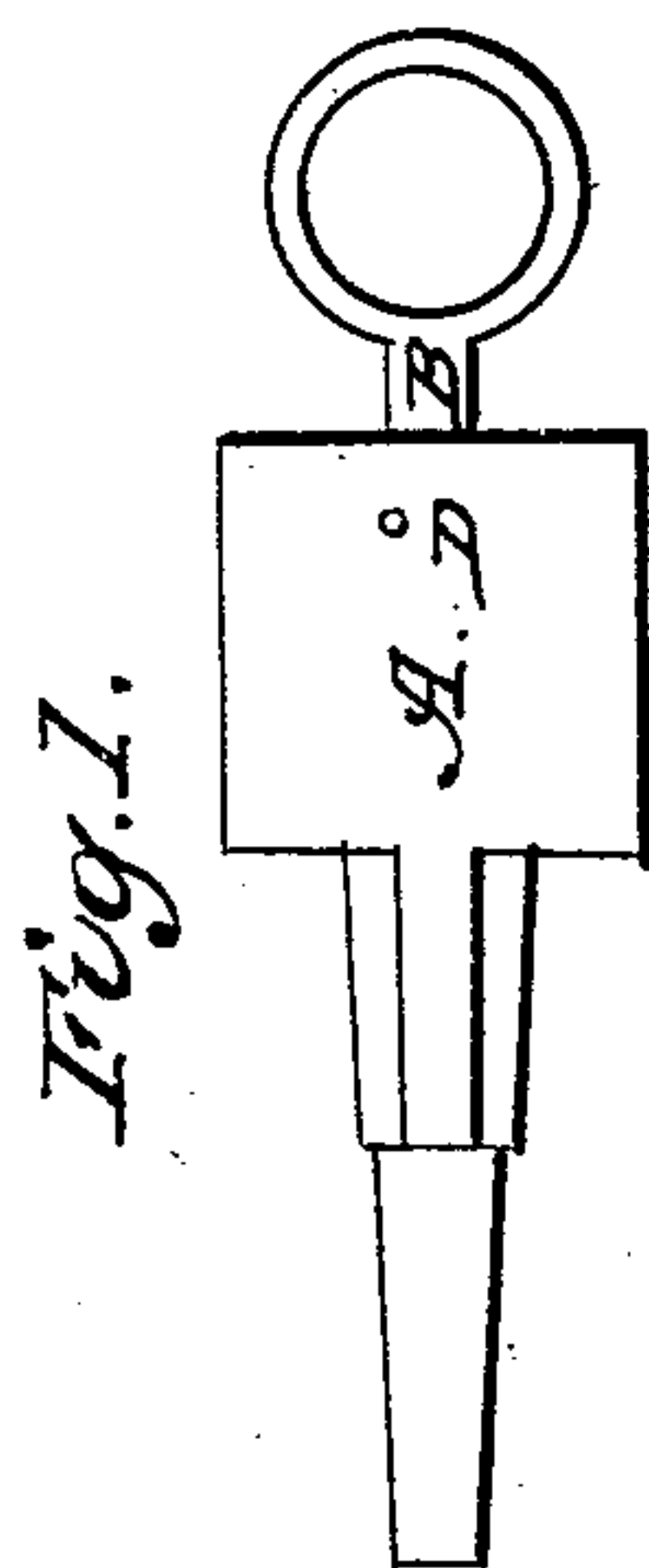
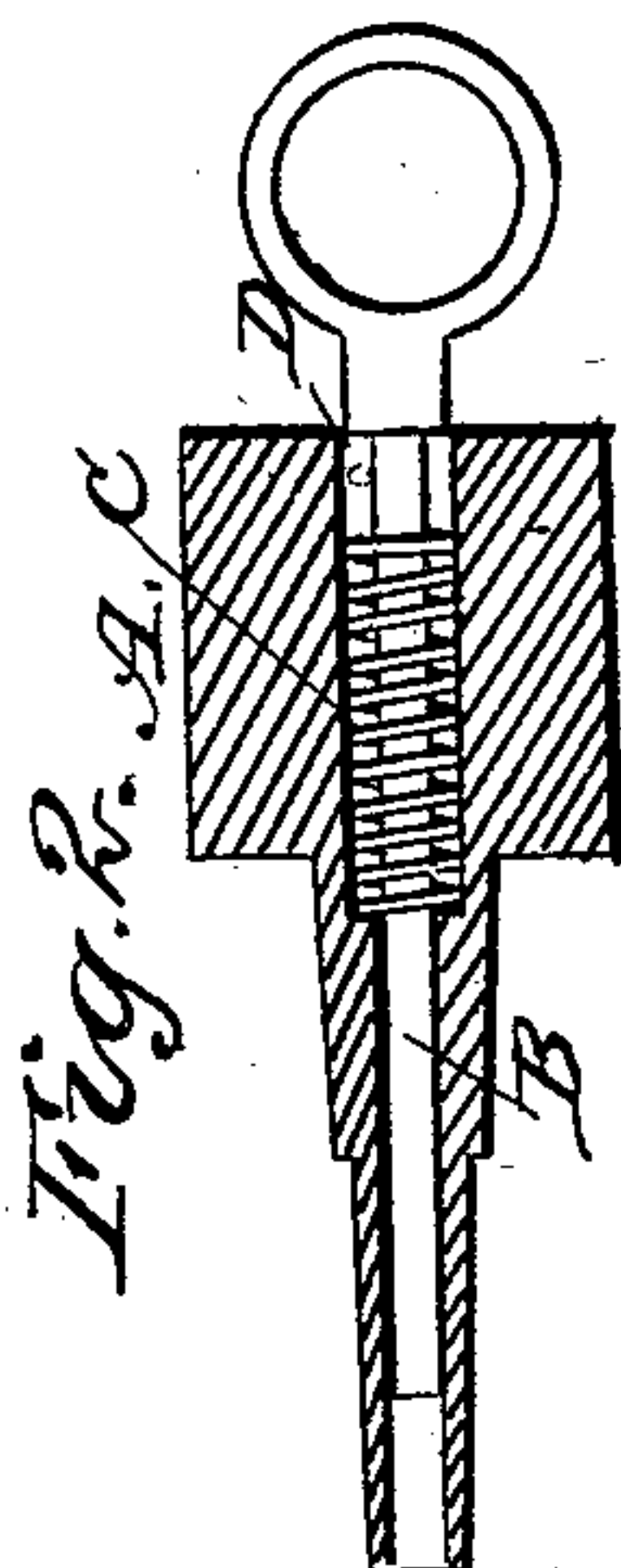


G. B. ST. JOHN.

Watch Key.

No. 75,214.

Patented March 3, 1868.



witnesses:
E. Griffith
C. Page jr.

Inventor
George B. St. John

United States Patent Office.

GEORGE B. ST. JOHN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF
AND NORMAN S. CATE, OF SAME PLACE.

Letters Patent No. 75,214, dated March 3, 1868.

IMPROVEMENT IN WATCH-KEYS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, GEORGE B. ST. JOHN, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and improved Watch-Key; and do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawings, making part of this specification, and in which—

Figure 1 is a side view of the watch-key complete.

Figure 2 is a longitudinal section, showing the arrangement of the swivel, spring, and pin.

The object of this invention is to produce a simple, cheap, and effective arrangement to eject dirt, which often fills the socket and prevents the use of the key till such dirt shall be removed.

This invention consists in the employment of a swivel, in connection with a key-head, spring, and pin, constructed and operating substantially as hereinafter explained.

In the above-mentioned drawings, illustrating my invention, A denotes the key-head, B the elongated swivel, C the spring, and D the pin, which allows the swivel to slide back and forth the length of the necking, and prevents the swivel from dropping out.

The operation of the above-described device, on account of its extreme simplicity, will be very readily understood.

Whenever dirt may have collected within the socket-tube it is only necessary to press the swivel, and that part of the swivel which extends to the socket forces out the dirt, the spring immediately returning the swivel to its proper position. It will be seen that a plunger, so made as to close the mouth of the socket and prevent dirt from entering, must be very nicely fitted, and at the same time have the form of the socket, thus necessitating the employment of another piece to form a swivel. In this invention the elongation of the swivel is made round, and it need not be so nicely fitted to force the dirt out as would be necessary to keep it from entering. The arrangement of the parts, also, is such, as will be seen by reference to the drawing, that the pin D can at any time be removed, and the plunger B and spring C readily drawn out from the key-head; whenever it becomes necessary to repair the key or to clean out the chamber in which the spring is located. It is by means of this pin that not only the movement of the plunger is limited, but all the parts of the key are held together in their proper relations to one another. The key may be made ornamental, and attached to the watch-chain by the ring in the swivel.

I claim the combination and arrangement of the elongated swivel or plunger and its surrounding spring with the key-head and the pin D, substantially in the manner and for the purposes herein shown and described.

GEORGE B. ST. JOHN.

Witnesses:

EDMUND H. HEWINS,
E. GRIFFITH.