

E. PAULUS.

Watch Key.

No. 70,465.

Patented Nov. 5, 1867.

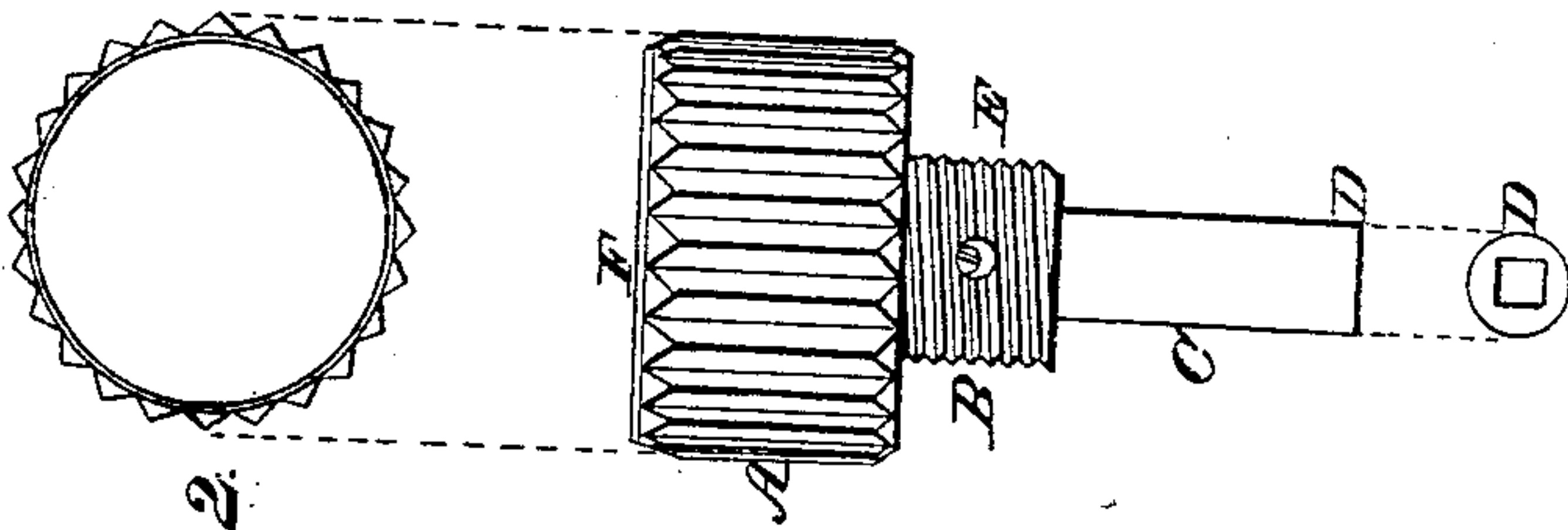


Fig. 2.

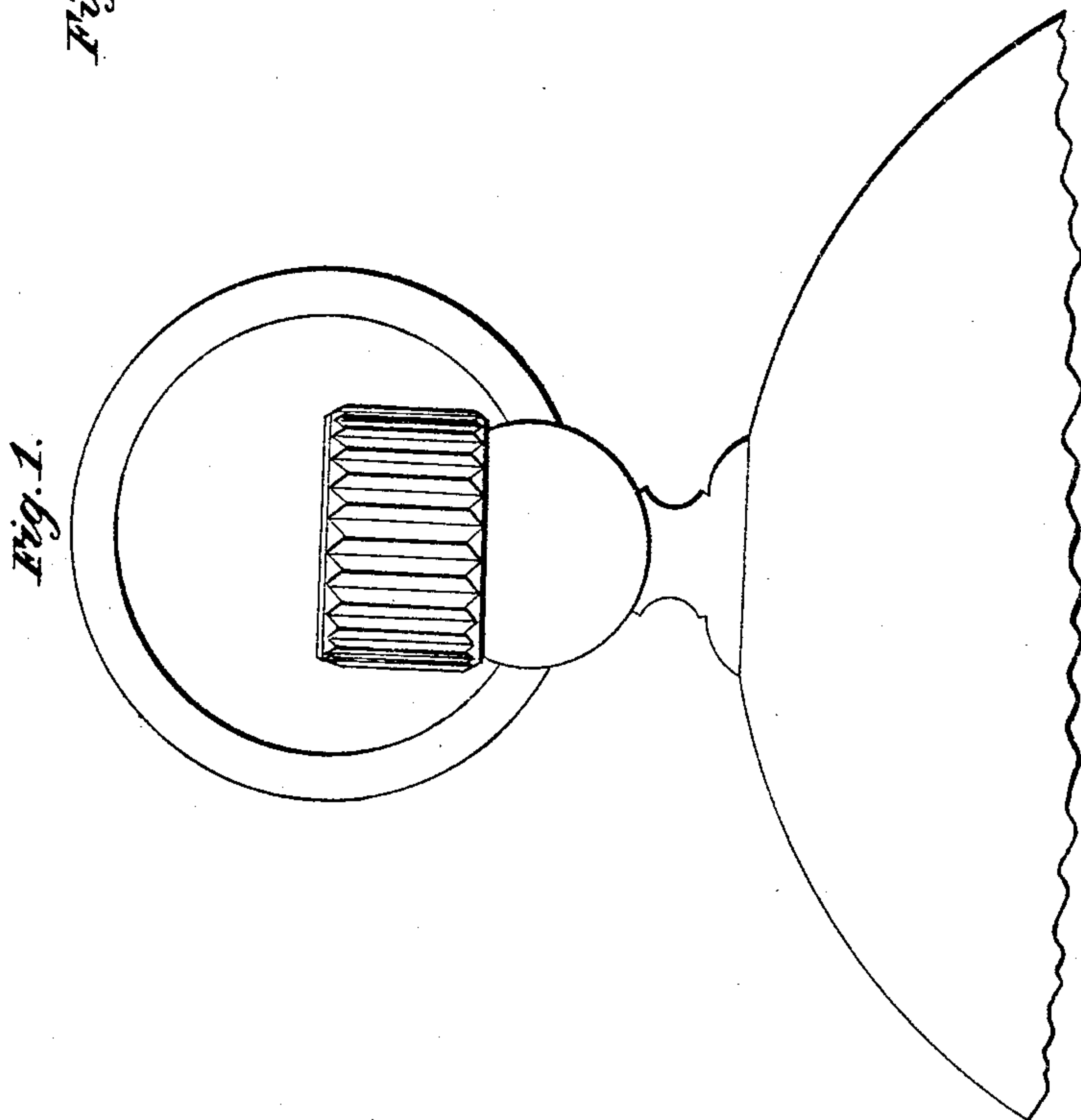


Fig. 1.

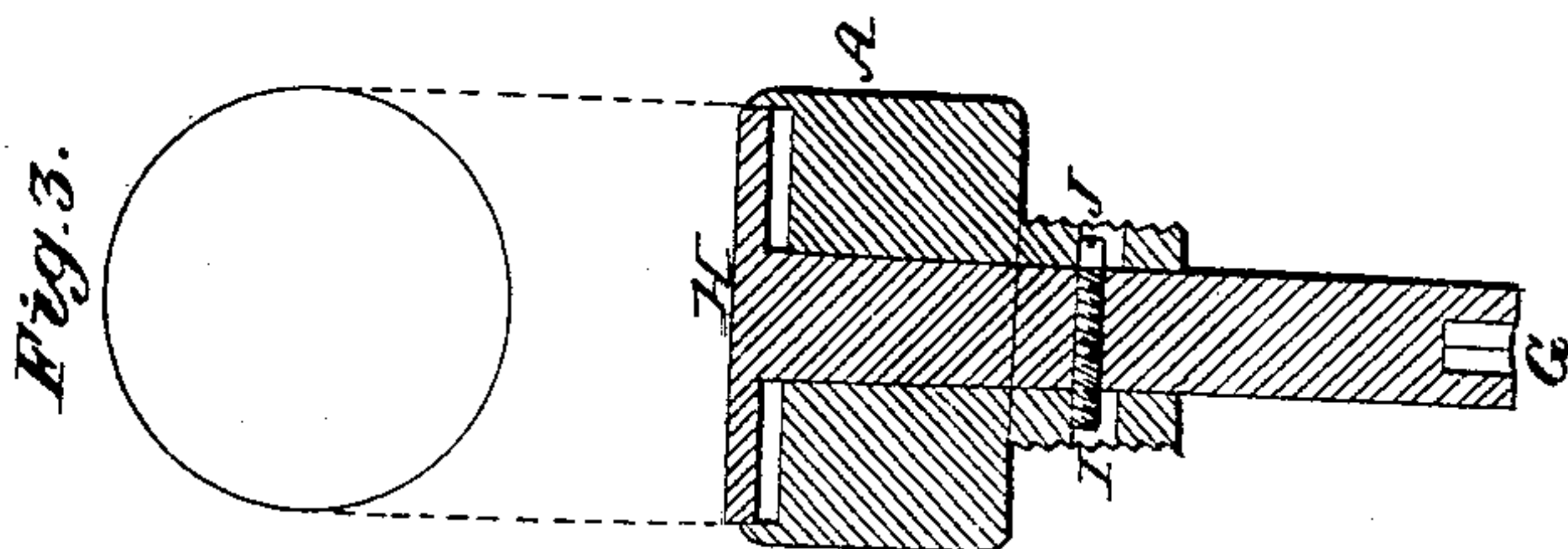


Fig. 3.

Witnesses:

John White  
Gustav Seyon

Inventor:

E. Paulus

# United States Patent Office.

EUGENE PAULUS, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 70,465, dated November 5, 1867.*

## IMPROVEMENT IN WATCH-KEYS.

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

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, EUGENE PAULUS, of Philadelphia, in the county of Philadelphia, in the State of Pennsylvania, have invented a new Combination of Watch-Key and Watch-Case Pusher, to be used as push-piece to open the watch, and also to wind it up, which is placed at the pendent-bow, like the so-called self-winders, and held in a peculiar manner by a screw, which allows it to be taken off easily to wind the watch as usual, and to be put again in place, to be used as before said, to open it; and I do hereby declare that the following is a full, clear, and correct description of the construction and operation of the same, references being had to the annexed drawing, making a part of this specification, in which—

Figure 1 represents the pendent-bow of the watch-case and the head of the key screwed in place.

Figures 2 and 3 represent the different views of the key taken out of the watch.

As it may be seen in fig. 2, the head A of the key has a screw, B, by means of which it is held in the pendant of the watch. C is the tube or pipe of the key, which passes through the said pendant, and, acting by its extremity D on the case-spring as the push-piece, causes the watch to open as usual. The tube or pipe C passes also, by its other extremity F, through the head A of the key, in which it moves freely, being held by the pin-screw E, which plays in a hole, of which the size limits the movement. At the extremity D is the square of the pipe to wind the watch, and the extremity F is the pusher, yielding to the finger when opening the case. Fig. 3 is a section of the key which shows the whole length and shape of the pipe G H, made out of brass or hardened steel, and part of it passing through the head A of the key I. J is the profile of the pin-screw, made out of hardened steel and fixed across the pipe, of which, as before said, the movement is limited by the hole across the head-screw of the key, the depth of the winding square being seen in G.

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

A combined watch-key and push-piece, which is made a steady part of the case, the head or winding crown being directly screwed in the pendant, leaving the pipe free and movable, so as to act on the case-spring to open the watch, and also to wind it up by taking it out, the whole constructed and operating substantially as described.

Philadelphia, June 20, 1867.

E. PAULUS.

Witnesses:

JOHN WHITE,  
GUSTAV. GIGON.