

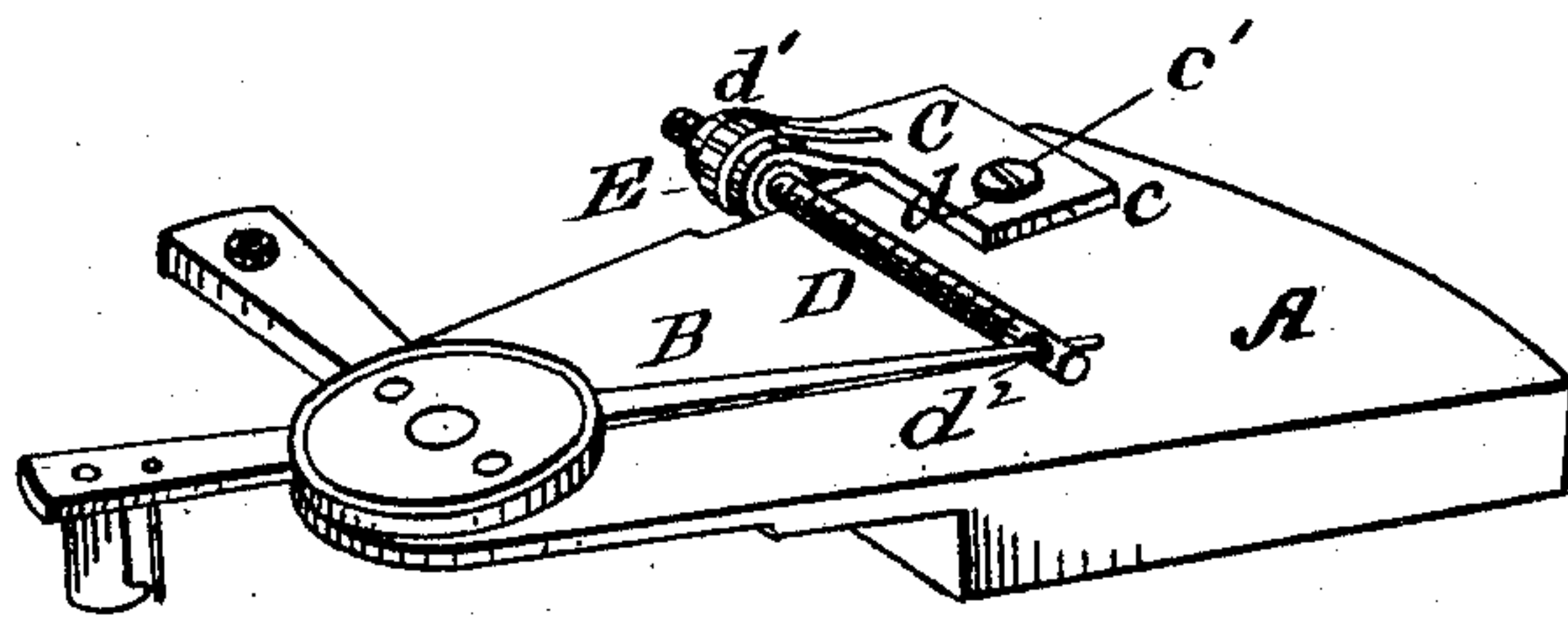
(No Model.)

J. A. AWALT.  
WATCH REGULATOR.

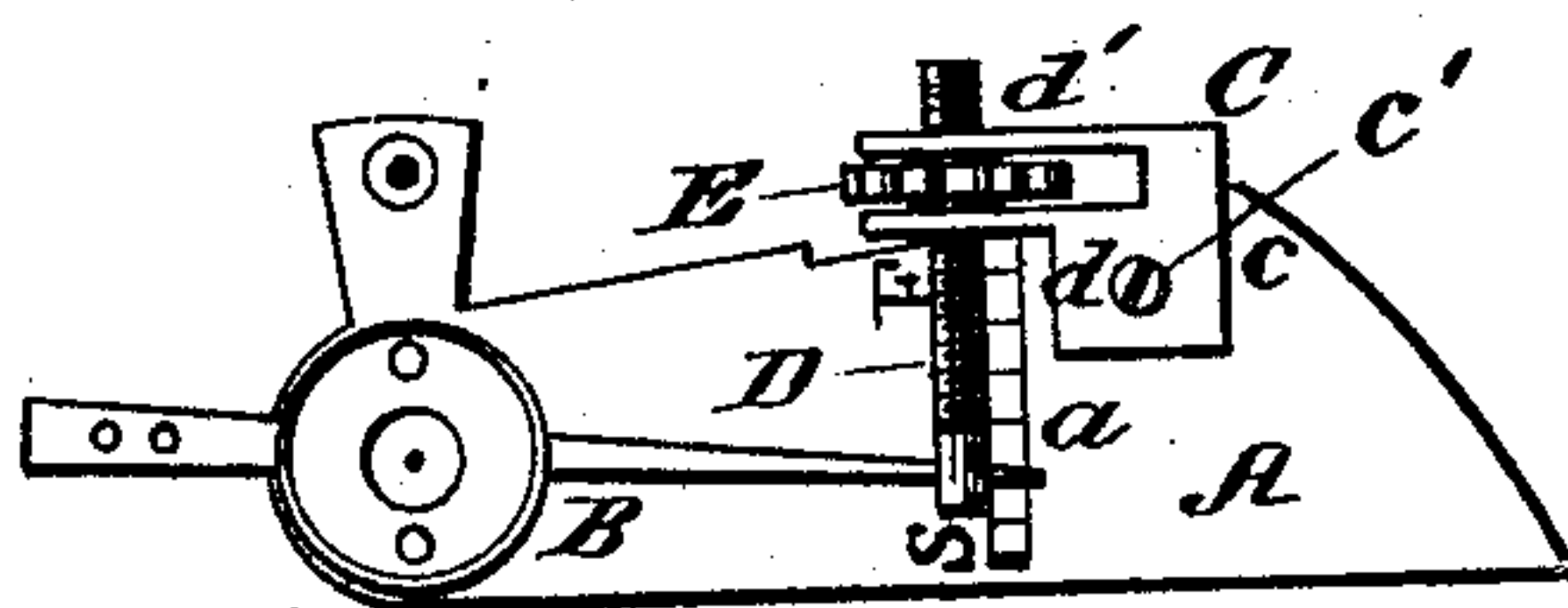
No. 248,126.

Patented Oct. 11, 1881.

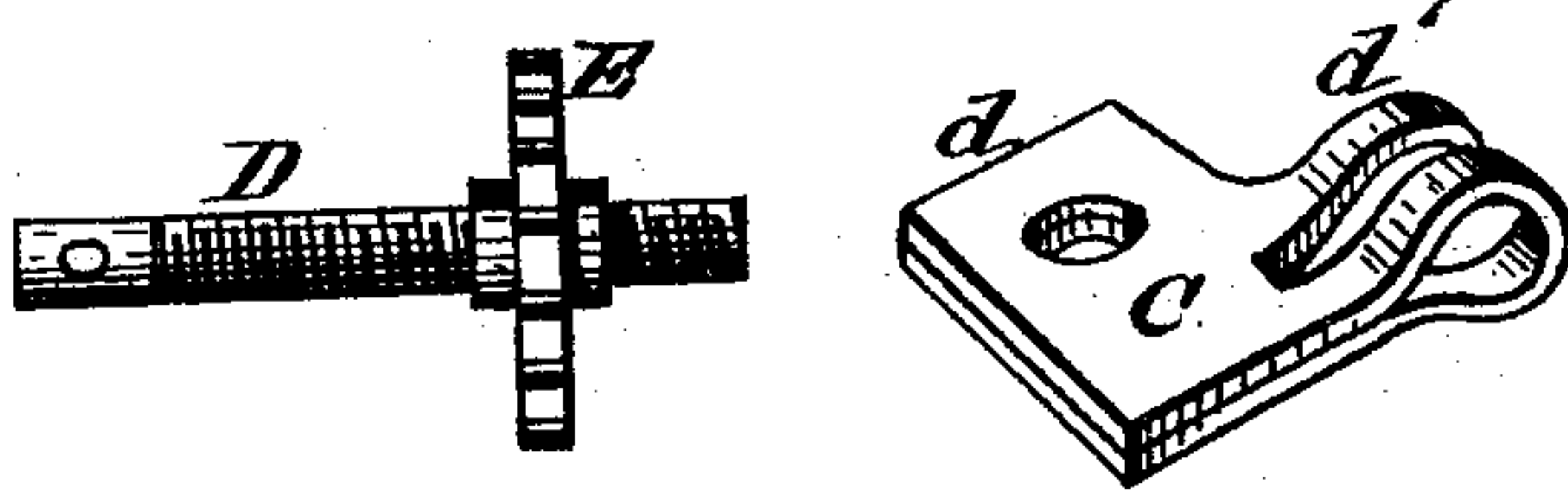
*Fig. 1*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOHN A. AWALT, OF ANDERSON, INDIANA.

## WATCH-REGULATOR.

SPECIFICATION forming part of Letters Patent No. 248,126, dated October 11, 1881.

Application filed July 12, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. AWALT, a citizen of the United States, residing at Anderson, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Regulators for Watches; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to watch-regulators, the mechanism being adapted to oscillate the regulator-arm back and forth toward the "Fast" or "Slow" by screw-and-thread means; and the novelty consists in the construction, arrangement, and adaptation to watches now in use, as will be more fully hereinafter set forth, and specifically pointed out in the claims.

To move the regulator-arms of watches upon the scale, as desired, by a screw-and-thread device to make fine adjustments has been before attempted, and various devices have been devised for that purpose, but in all such constructions known to me the devices are complicated, and labor and time are necessary in order to adapt the parts to each other by modifications therein.

My device is designed to be readily applied to any watch now in use, and it may be so applied by simply fastening it to the balance-bridge of a time-piece by means of a screw.

The object of my invention is to produce a simple and cheap regulating device which is susceptible of easy and ready attachment to any watch-regulator, and to that end I employ the devices illustrated in the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view; Fig. 2, a top-plan view of the device attached; and Fig. 3, details.

To enable others skilled in the art to which the invention relates to make and use the same,

I will describe its construction and mode of operation, and to that end refer to the said drawings, in which similar letters of reference indicate like parts in all the figures.

A represents the balance-bridge of an ordinary watch, and B the regulator-arm, the free portion of which traverses over a designating-scale, *a*.

Secured at *c* by a screw or pin, *c'*, to the bridge A is a frame, C, composed of a perforated or slotted arm, *d*, through which the screw *c'* operates, and a bifurcated arm, *d'*, perforated transversely to admit a threaded rod, D, which is adapted to be forced to and fro, without turning, by a threaded nut, E, which operates on the rod, and is located between the bifurcated portions of the arm *d*. The point of the regulator-arm is received in a perforation, *d*<sup>2</sup>, in the rod D, and is forced in either direction as the nut E is turned.

The important features of my invention accrue from its simplicity and the ease with which it can be applied to watches now in use. The jeweler has only to form the hole in the arm A and secure the attachment thereto, thus making the device of great utility as a merchantable article of manufacture.

Having thus described my invention, what I claim as new is—

1. As a new article of manufacture, and adapted to be applied to any watch now in use, the perforated and bifurcated frame C, combined with the perforated and threaded rod D and threaded nut E, as and for the purposes set forth.

2. The combination of the perforated and bifurcated frame C, the perforated and threaded rod D, and the threaded nut E with the bridge A and regulator-arm B, as set forth, for the purposes specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN A. AWALT.

Witnesses:

A. CALMESE,  
W. ROTH.