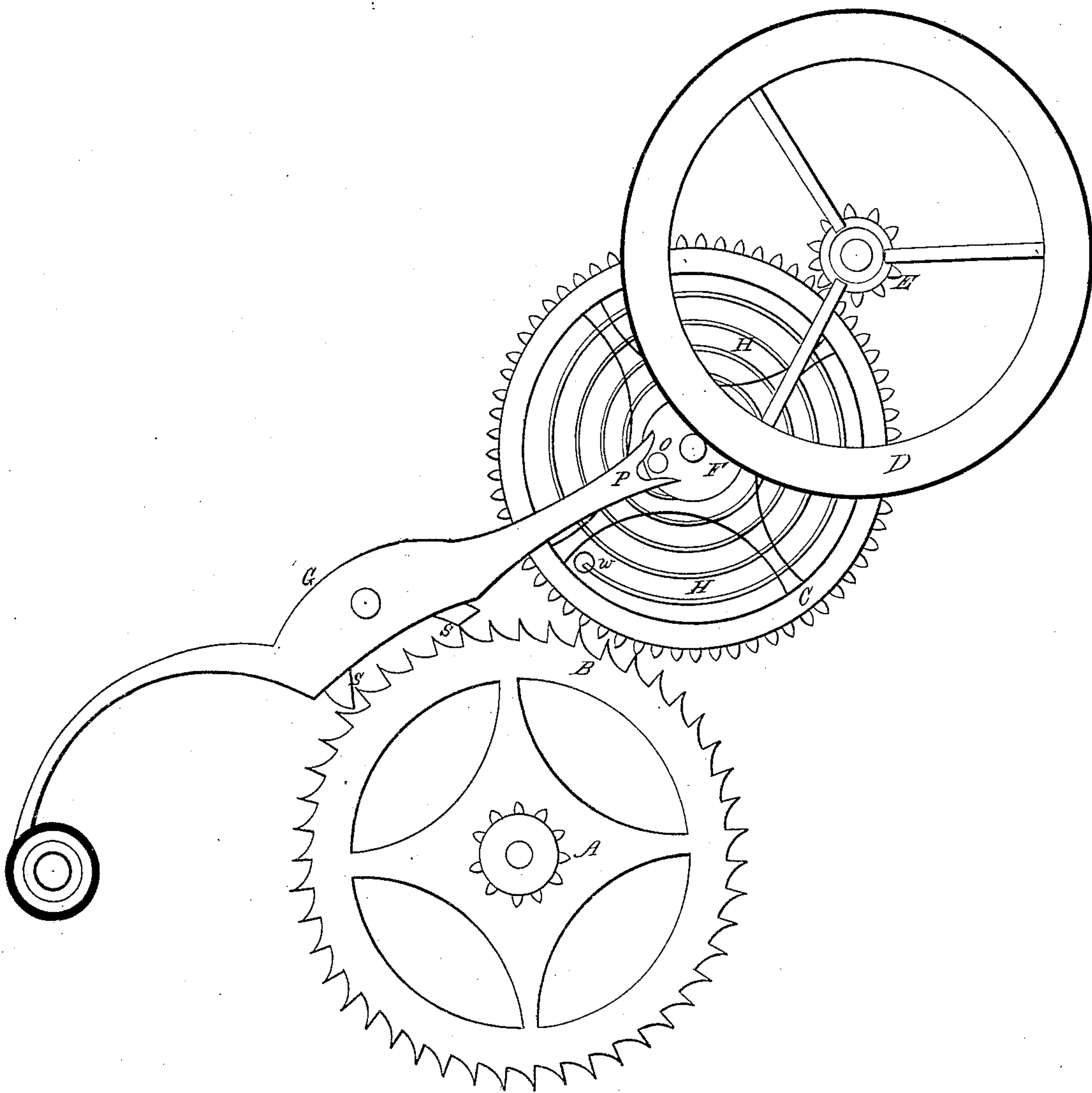


J. Leuret.

Watch Escapement.

N^o 21,425.

Patented Sept. 7, 1858.



Inventor.

Joseph Leuret

UNITED STATES PATENT OFFICE.

JOS. JEUNET, OF MEADVILLE, PENNSYLVANIA.

ESCAPEMENT OF TIMEKEEPERS.

Specification of Letters Patent No. 21,425, dated September 7, 1858.

To all whom it may concern:

Be it known that I, JOSEPH JEUNET, of Meadville, in the county of Crawford and State of Pennsylvania, have invented a new and useful Improvement in Escapements of Watches; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

Figure 1 represents my escapement adjusted in working order.

B, is the escapement wheel with sixty teeth on its periphery.

A, is a pinion connected and gearing into other wheels not represented in the drawing the same being exactly similar to a common detached lever watch and by which the escapement wheel B, is moved.

P, G, is the "fork" and S S the "lever" also constructed like a "detached lever watch." This lever and fork are moved by a collet, F, and "jewel pin" O on the balance wheel C.

H H is the "hair spring" one end of which is attached to the collet, F, and the other end to a post, W.

So far the construction is similar to the common "detached lever watch" with the exception that the "escapement wheel" B, has sixty teeth instead of thirty as in the ordinary watch.

The balance wheel, C, has cogs on its periphery; this wheel gears into a pinion, E, on the shaft of the 2nd balance, D. Now the 1st balance, C, is moved by the fork P and jewel pin O on the "collet" F in the same manner that the balance wheel of a common detached lever watch is moved, and this balance, C, causes the balance, D, to revolve alternately a number of times in one direction and then a number of times in the other, at every movement of the fork, G, P, and thereby makes a more steady motion and makes the watch less liable to be affected by sudden "jars and jolts," and also the winding the watch does not so much disturb its usual motion, and thereby produces a much smoother motion and more perfect time piece.

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

The 1st balance wheel, C, constructed with cogs on its periphery gearing in the pinion, E, and the 2nd balance wheel D moved thereby in the manner described, the whole being arranged in the manner and for the purposes set forth.

JOSEPH JEUNET.

Witnesses:

A. B. RICHMOND,
J. H. LEWIS.