Bulle Clock Serial Number 274481.

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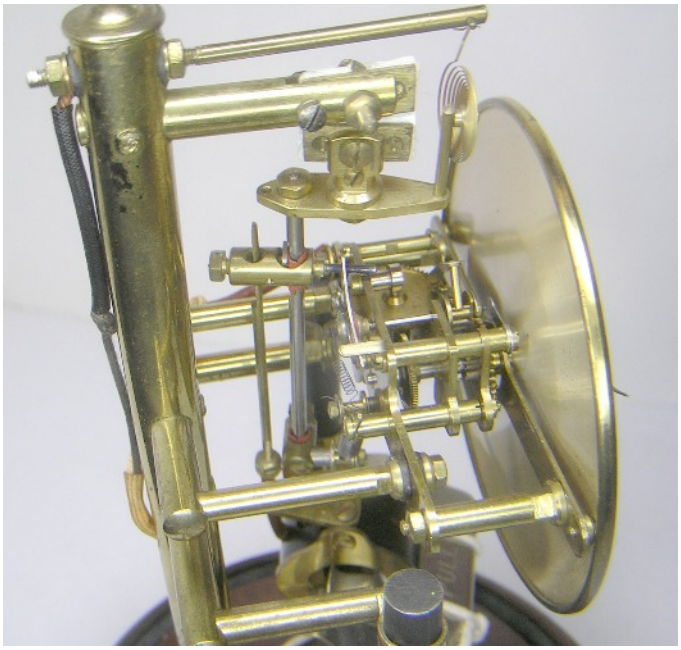

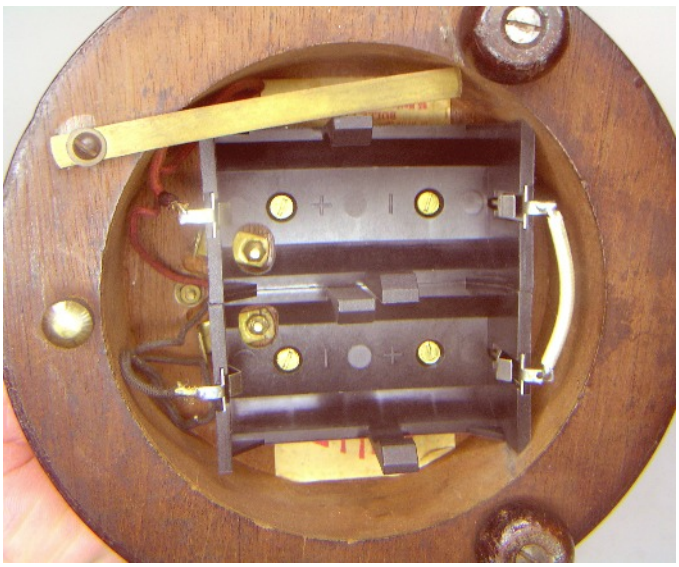

Photos by kind permission of the owner.

A Bulle Clockette on a round mahogany base with a rare pendulum spring steel retaining clamp. The base is in very good condition and will only need a polish with some good wax. The most obvious problems areas are the suspension and the battery compartment. The suspension will be replaced as per usual and the battery holder removed to reveal the Bulle label.

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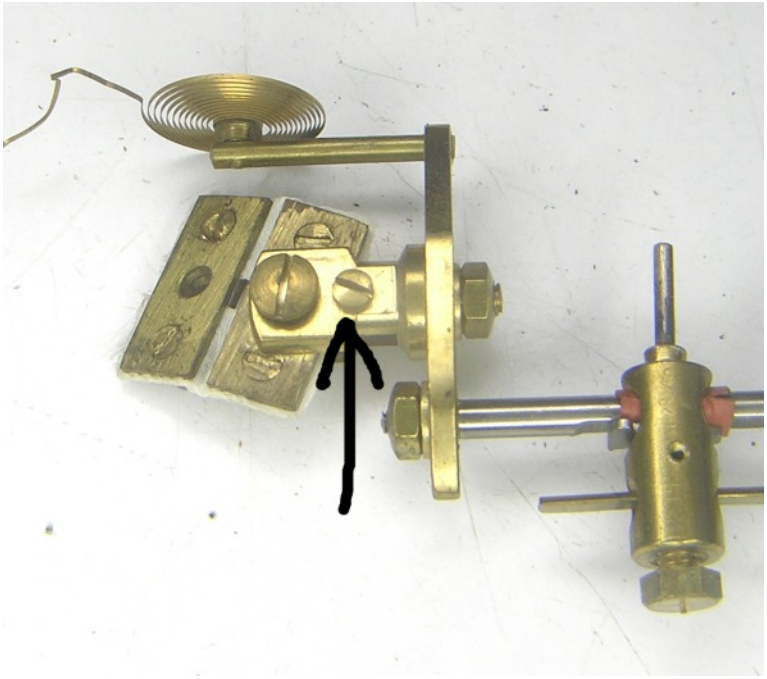
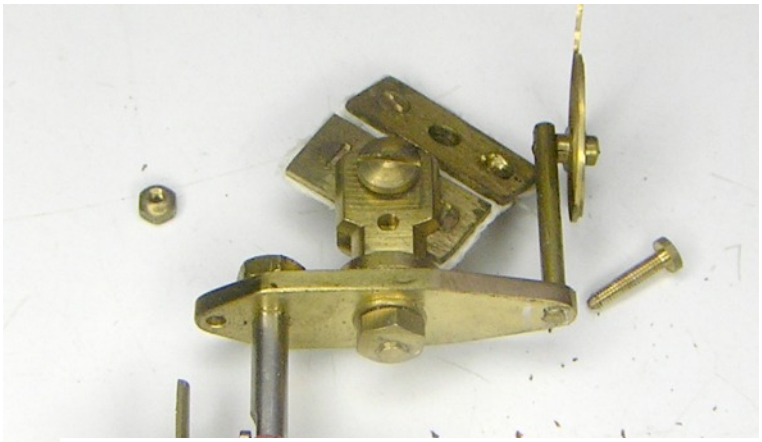
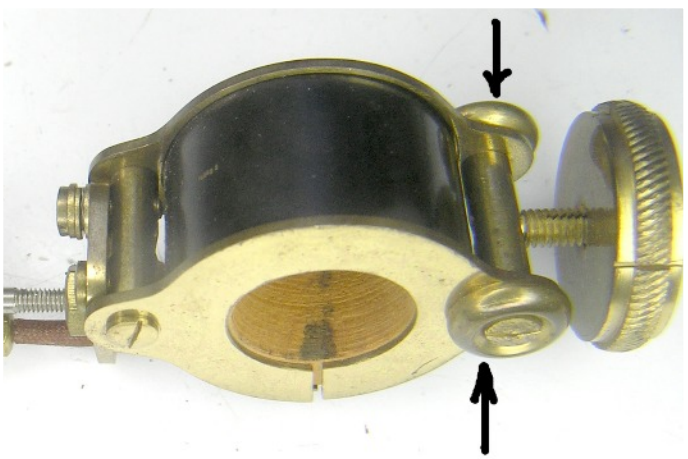


The photo above shows the battery compartment below the base with the carrier removed. The brass strips are also not original and will be removed,. The label can now be seen in full.



The two photos on the right shows the small bolt and nut which at first glance seem to be doing nothing. And to be honest even at second glance, I can find no real reason they should be there. The only two I can conjure up are a) To stop the pendulum from swinging too far forward or back. b) To adjust the gap in the lower suspension block. Both reasons are weak but in the absence of confirmation from the manufacturers, we will never know.



This last photo shows the two decorative washers placed at the bottom of the coil casing. There are a number of designs seen on these clocks . These happen to be Donut shaped. You sometimes find a pair of flat washers back to back.

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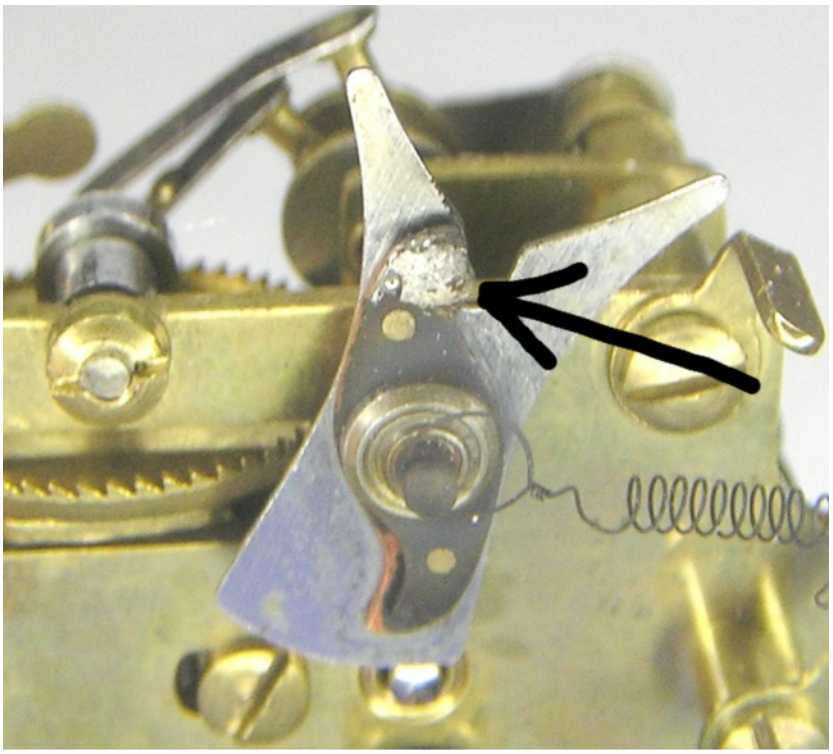
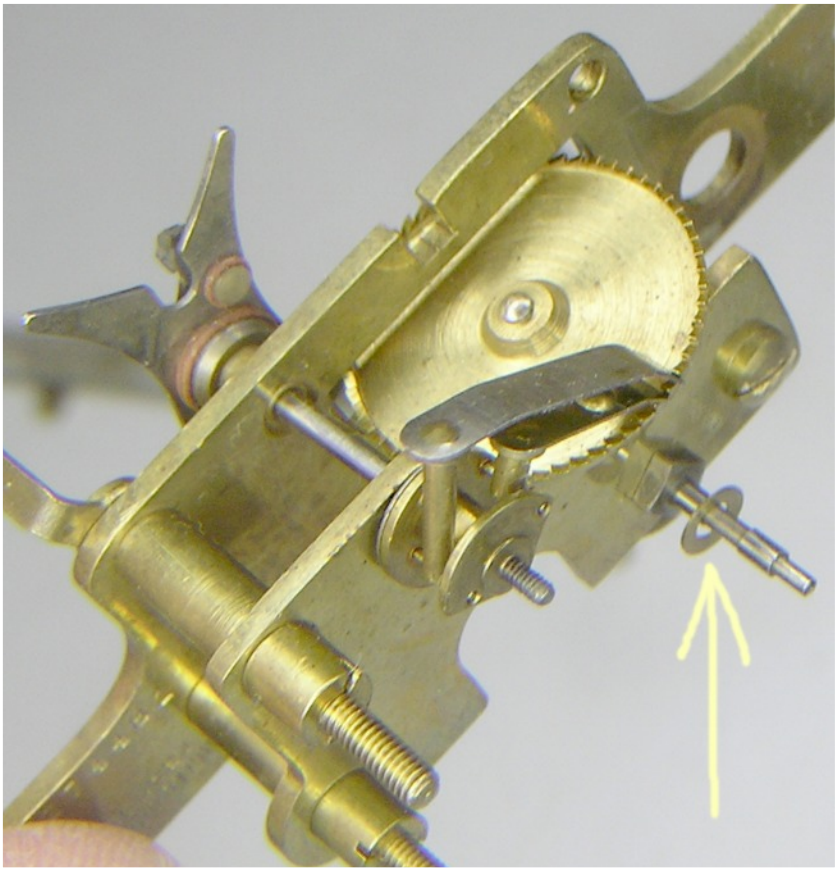


This looks pretty nasty. The silver contact has a large blob of solder on the contact face. The only reason can be that the silver underneath has been worn down. We will see when it is removed. If the silver is badly damaged or worn then the whole fork will need to be replaced because, contrary to the commonly held belief, the silver contact is not symetrical in it;s "S" shape and cannot be turned upside down and re-riveted back in place.



This photo shows the movement almost completely disassembled bar the second plate and count wheel. Note the washer found on the small minute wheel stub arbour. It shouldn't be there and I could find no reason why it was fitted. The wheel work was repositioned and all turned freely. It will be removed.

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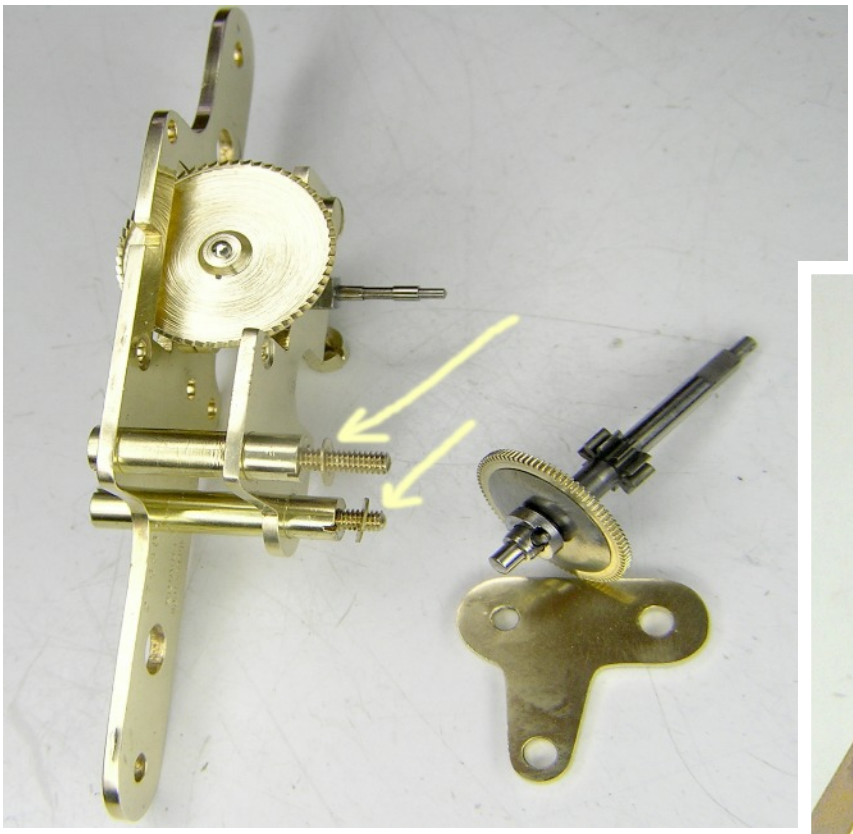
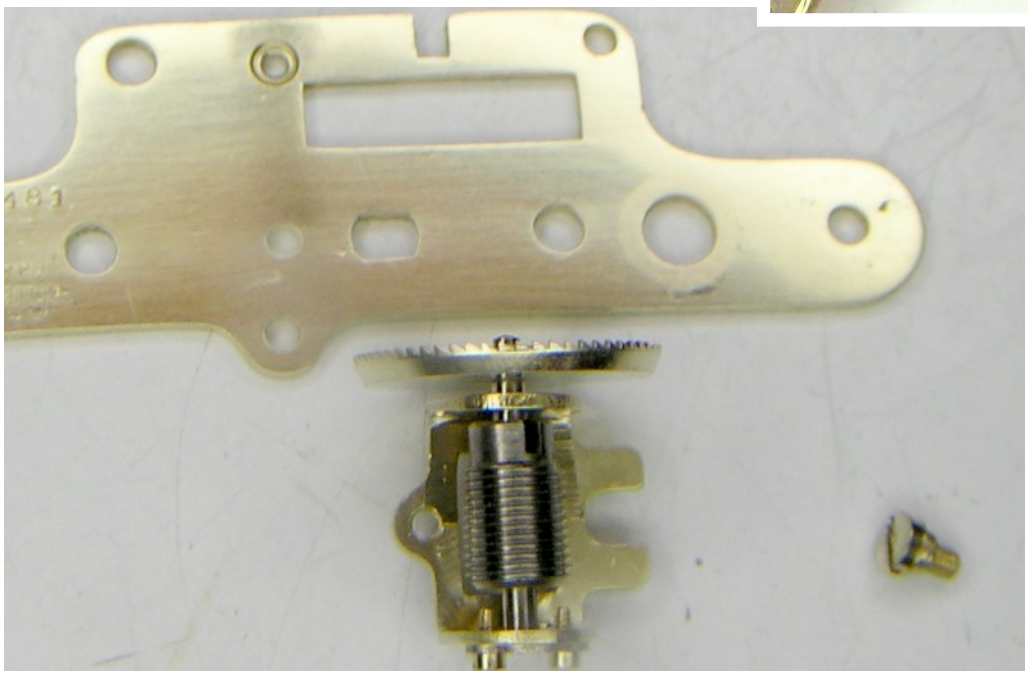


These two photos shows the three plated movement and the small spacing washers that can go missing so easily. Note also the cntre wheel with the all in one cannon pinion, typical for the three plate movement.



The count wheel and frame after cleaning and assembly. The worm must be completely free from dirt, grit and rust. Note the two small screws at the bottom that hold the hardened steel plate in position upon which the count wheel arbour rests and turns. Note also the elongated screw slots, one in the frame and the other in the count wheel plate. These facilitate the horizontal positioning of the worm in relation to the centre wheel..

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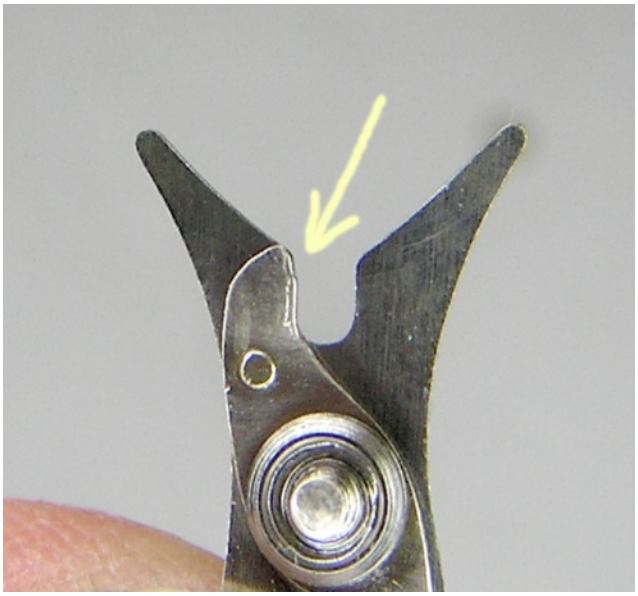
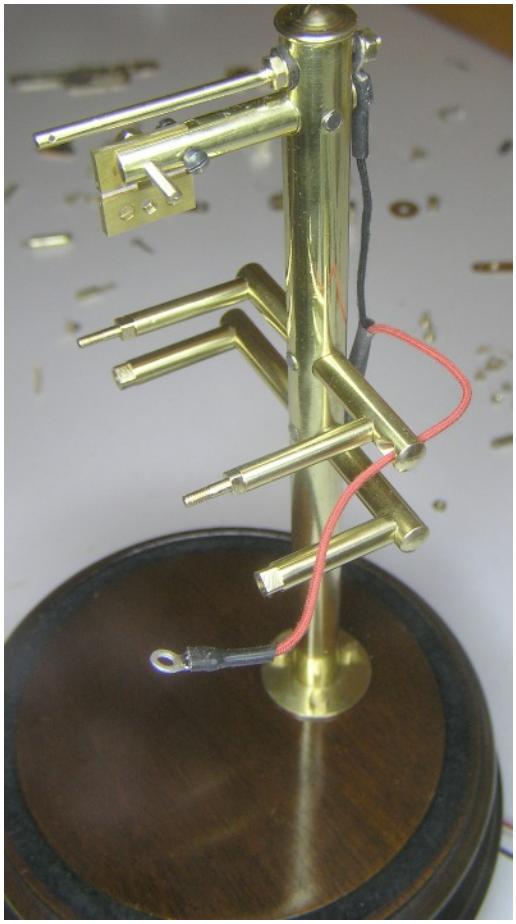
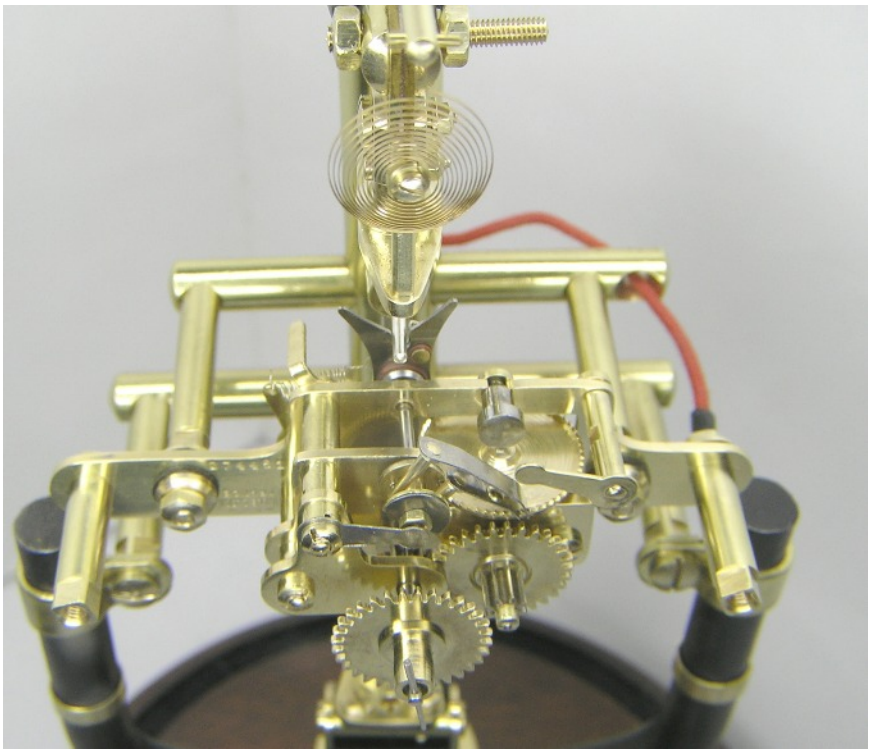
Testing the reassembled pendulum for shorts and continuity. It reads a healthy 1243 Ohms at the pin.



The fork with the solder removed and the silver flattened slightly to remove the small amount of wear. This will work perfectly well for the next twenty years or so.





These last two photos show the frame and base reassembled with the new wiring and the finished movement in place.

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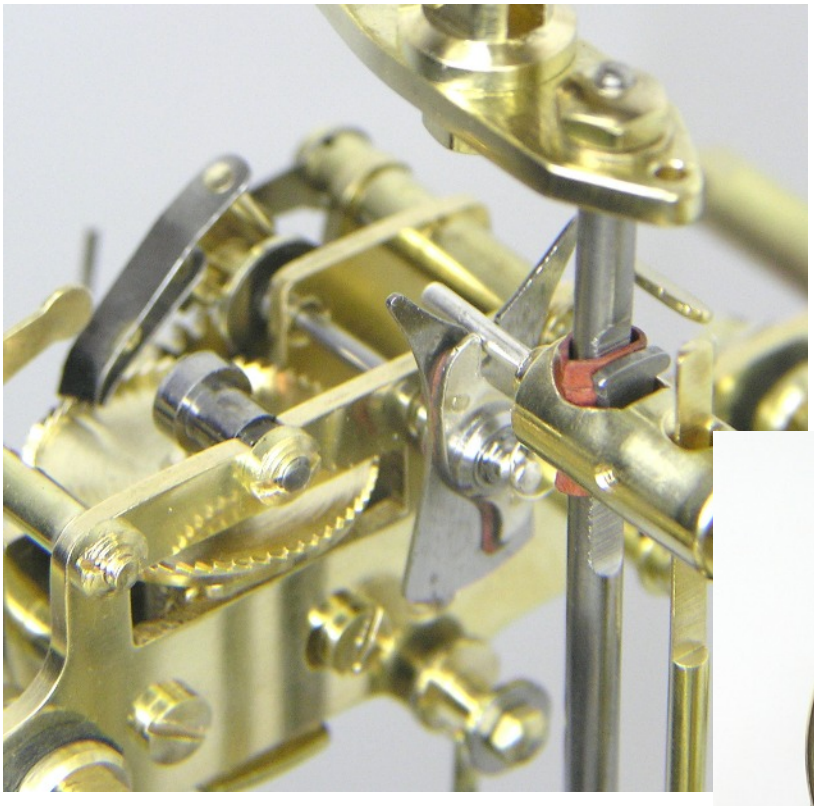

This photo at left shows the fork and pin in the optimal position. The action was also checked with a lens to make sure the silver contact on the fork was performing correctly at all points in the pendulum swing cycle.

The clock was left to run for 7 days and was within two minutes a week.

The finished clock