

Horologix



The place to come for all your Bulle and Eureka restoration parts.

Contact Peter Smith
Telephone 01454-880825
Or Mobile 07969-773480
[Email peter_smith@horologix.com](mailto:peter_smith@horologix.com)

Bulle Clock Serial Number 252502

Restoration of BulleClock Serial Number 252502

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Photos by kind permission of the owner.

A short clockette on a round Oak base with glass dome (retained by the owner). The clock looks to be in good condition bar the obvious broken suspension. The brass is tarnished but there is no rust evident anywhere. Some parts have become detached and were provided in the attached plastic bag.

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This group of photos shows that the clock is in good order with nothing missing other than the silver contact spring which is easily replaced. The magnet proved to be a little weak at around 150mm showing on the magnetometer, but this was increased to 180 after re-magnetising. The last photo shows the battery compartment under the base. The wiring will be replaced as well as the battery box.

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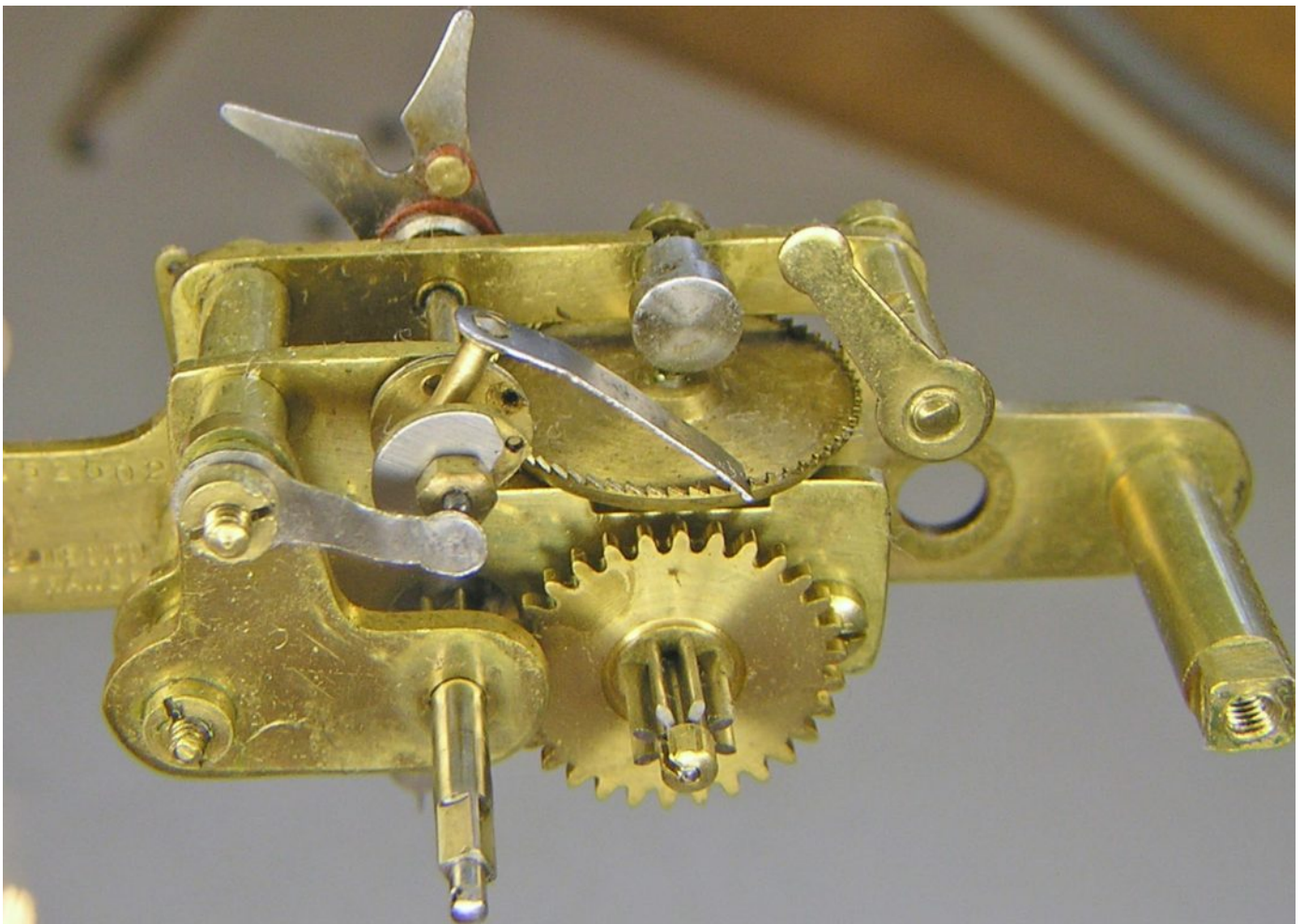
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The photo on the left shows the original dark oak colour of the wood base. This colour will be reinstated with a stain and French Polish.

The photo below shows the movement which has the second stop pawl missing. Luckily this was one of the components in the attached plastic bag. The movement is of the three plate design with a late serial number of 252502 dating the clock to circa 1930.

Nothing else proved to be missing or damaged so it was now just a simple job of cleaning and rebuilding.



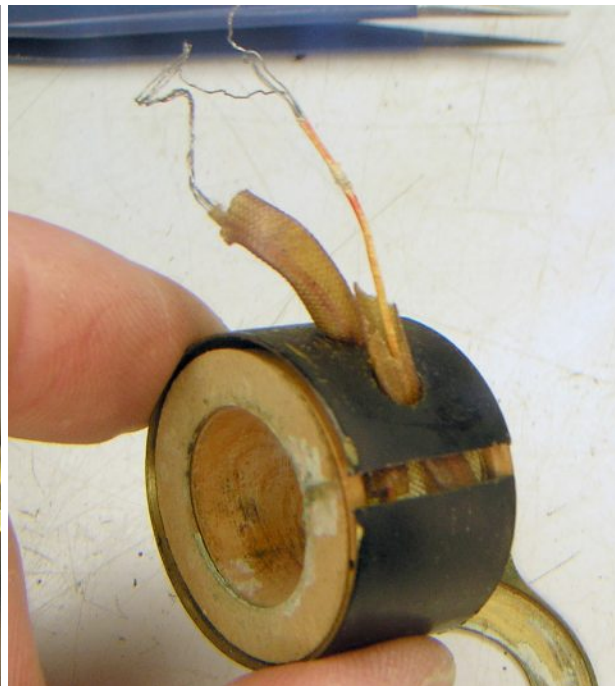
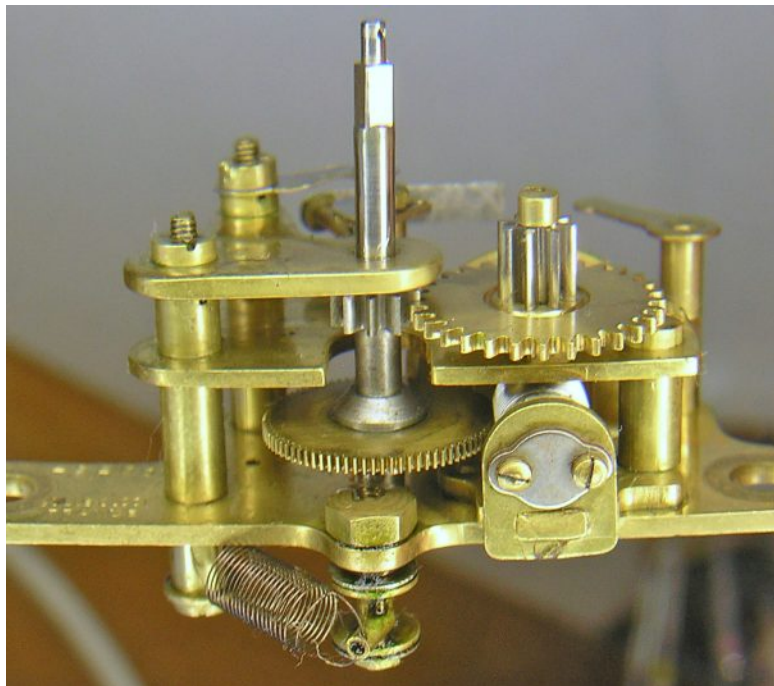
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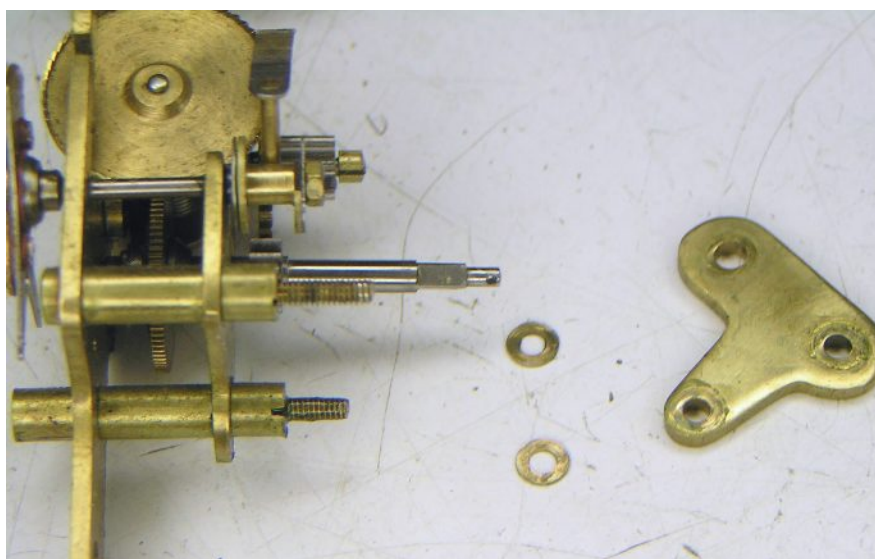
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A view beneath the movement showing the steel end plate that supports the end of the count wheel arbour. These clockettes normally have two small screws holding the plate but single screws are not uncommon.

The coil and cover. A resistance of 1145 Ohms was recorded and the lead out wires were in good order. So no major work required other than replacing the insulation and painting the cover.



The lower Isochron assembly was a little oiled up but this is easily cleaned with a little acetone before immersing in the ultrasonic cleaner.

These three plate models can sometimes have spacing washers behind the second or third plate. It's always worth while taking a little care to make sure they are not stuck to the plates and then lost in cleaning.

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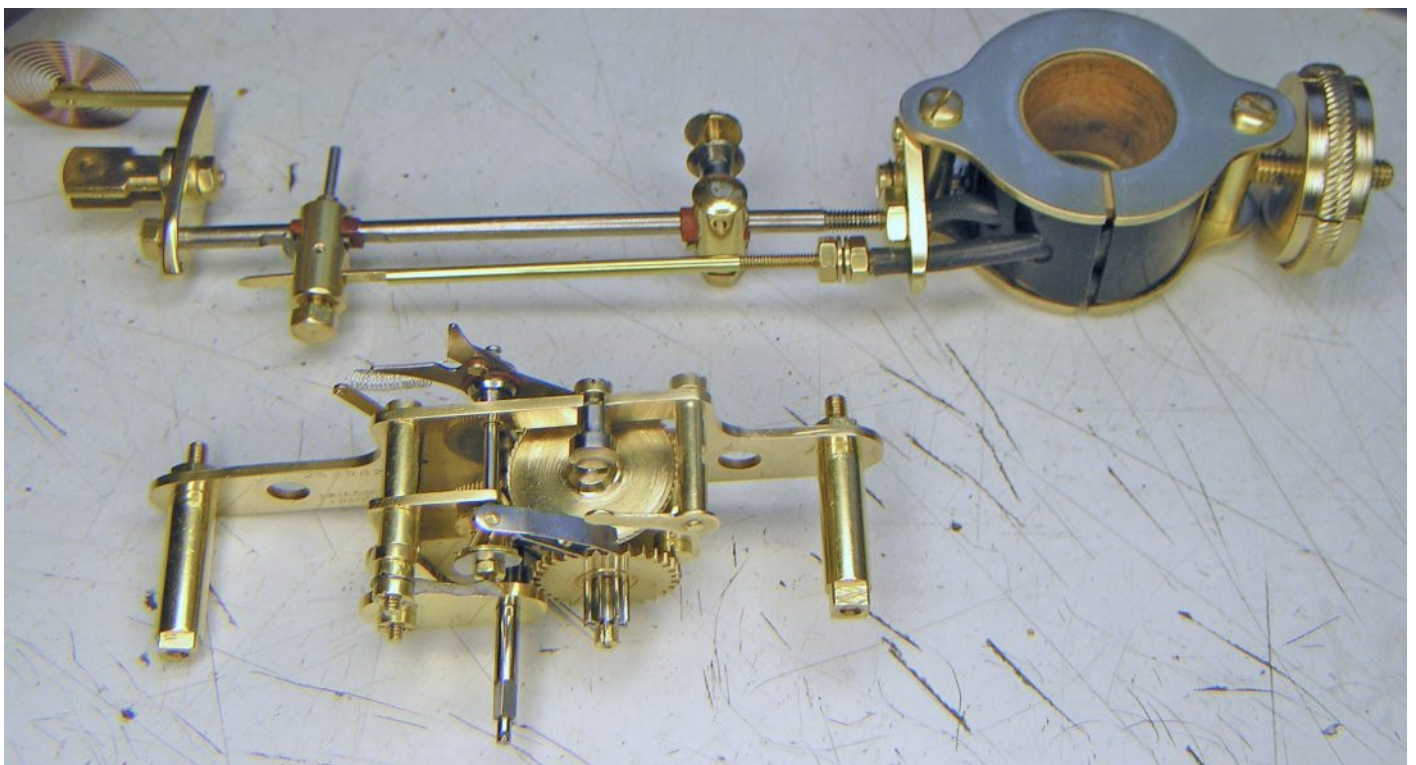
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Here we see the base after staining and polishing. The colour is a good match for the original.

Below is the finished pendulum and movement ready for fitting to the frame.



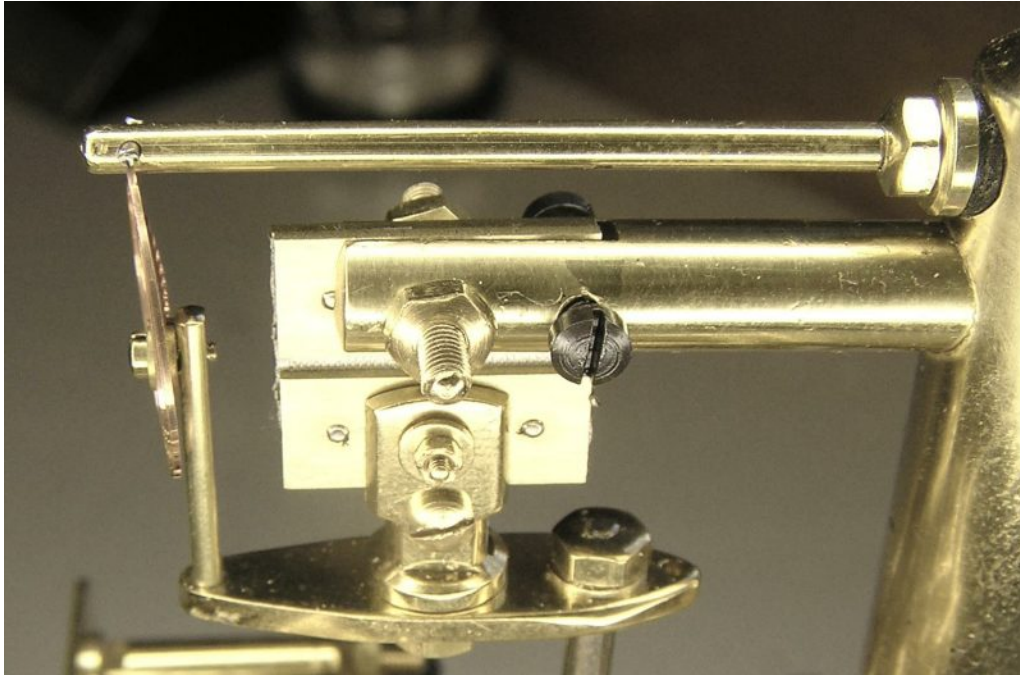
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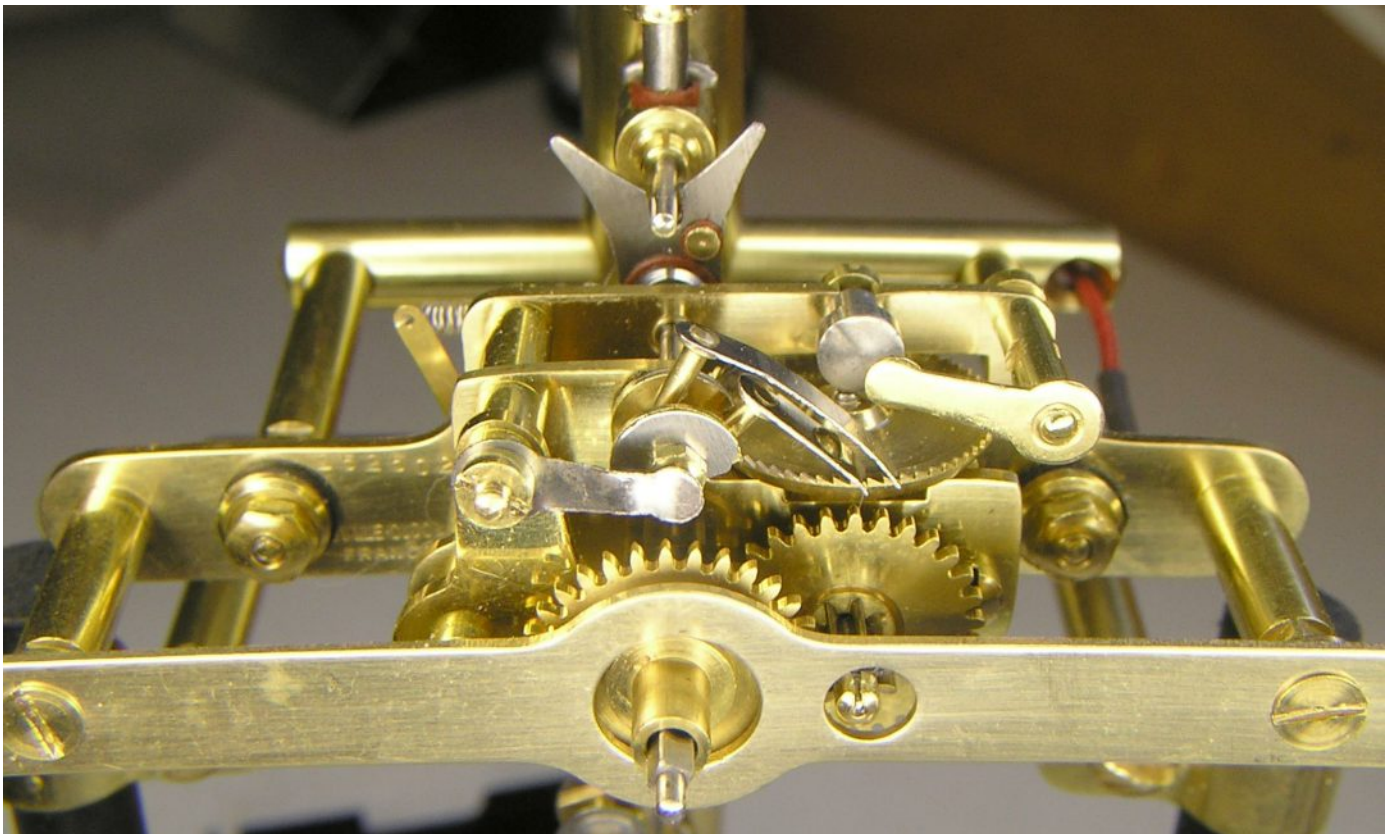
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The suspension assembly with new silk suspension and hair spring

Below is the movement back in place after cleaning. Note the position of the two pawls and the brass angle that stops the pawls from jumping out of place when in transit.



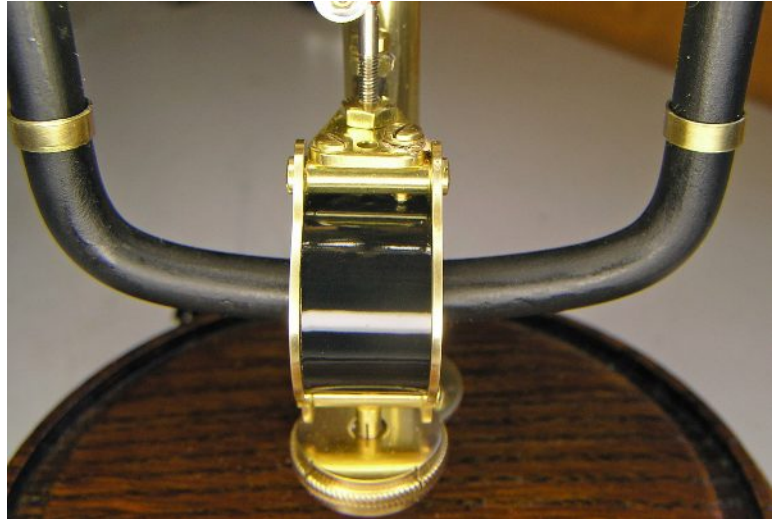
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The cleaned base steady screw cleaned and back in place.

The pendulum coil in its cleaned and painted cover back in place with the magnet.



The cleaned dial and hands with new collet. There are a couple of blemishes on the dial that cannot be removed as it is actually the silvered finish that is actually worn away to reveal the brass underneath. It is best to leave as is otherwise The silvering would have to be redone which of course would also mean a complete repaint of the face.

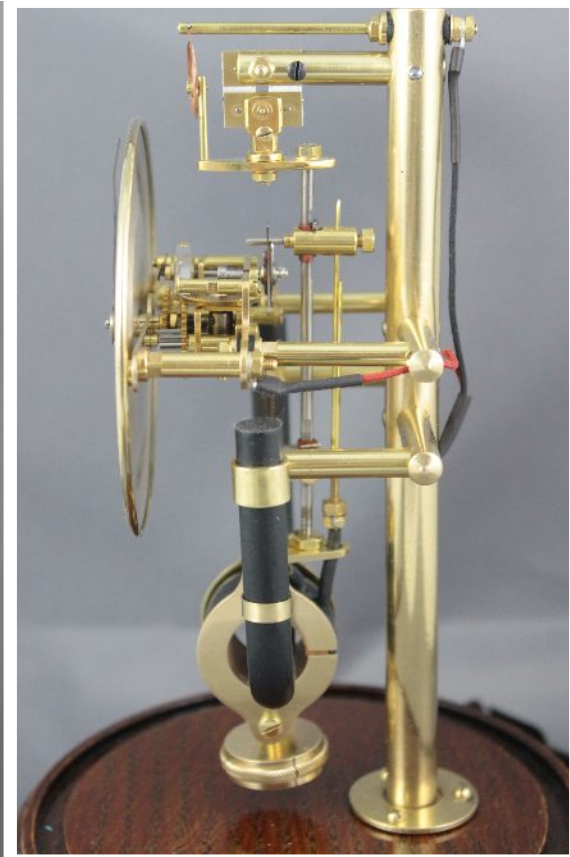
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The finished Clock