

Horologix



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

Contact Peter Smith
Telephone 01454-880825
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Bulle Clock Serial Number 284494

*Restoration of Bulle Clock
Serial Number 284494*

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*Photos by kind permission of the
owner*

*This is a later short clochette move-
ment with chromed support and
pendulum on a round wood base.
The base itself has a lovely golden
brown colour that is in good condi-
tion, so we will just give it a good
wax polish. The dial is in a bit of a
state but is still very useable. It
should clean up a little better than it
is. The photo below shows the sus-
pension u it which is of the wrong
type and shape. It is too thin and
consequently the sides of the sup-
port column have been forced in to
pinch the suspension more securely.*



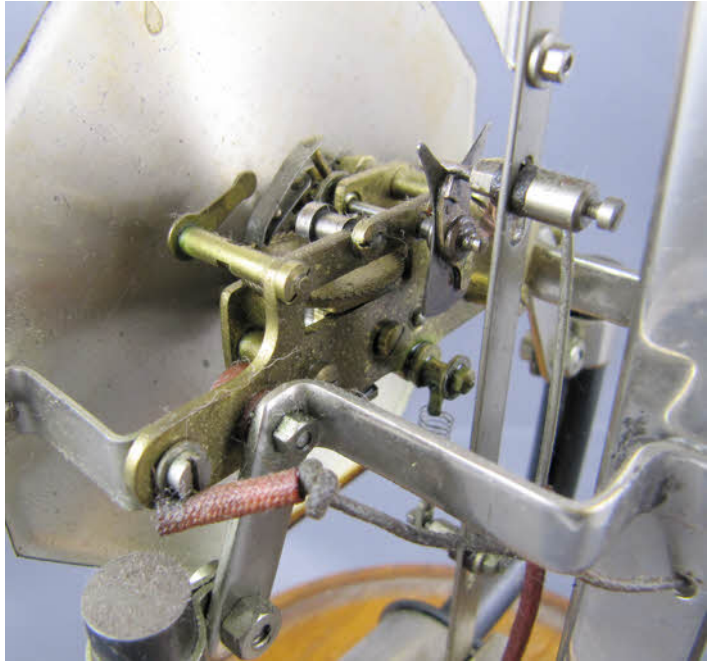
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Various shots of the clock showing the movement, the negative lead from the battery up the rear of the column and the underside of the base.

Note the crude method of soldering the lead to the column. Very typical of the later production clocks.

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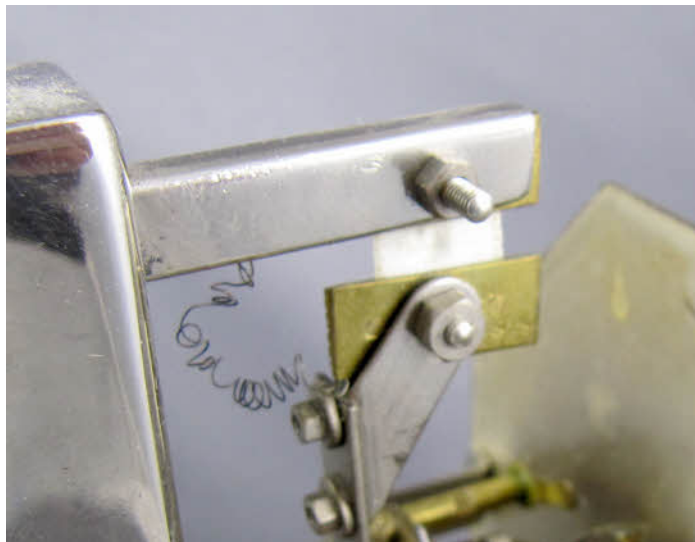
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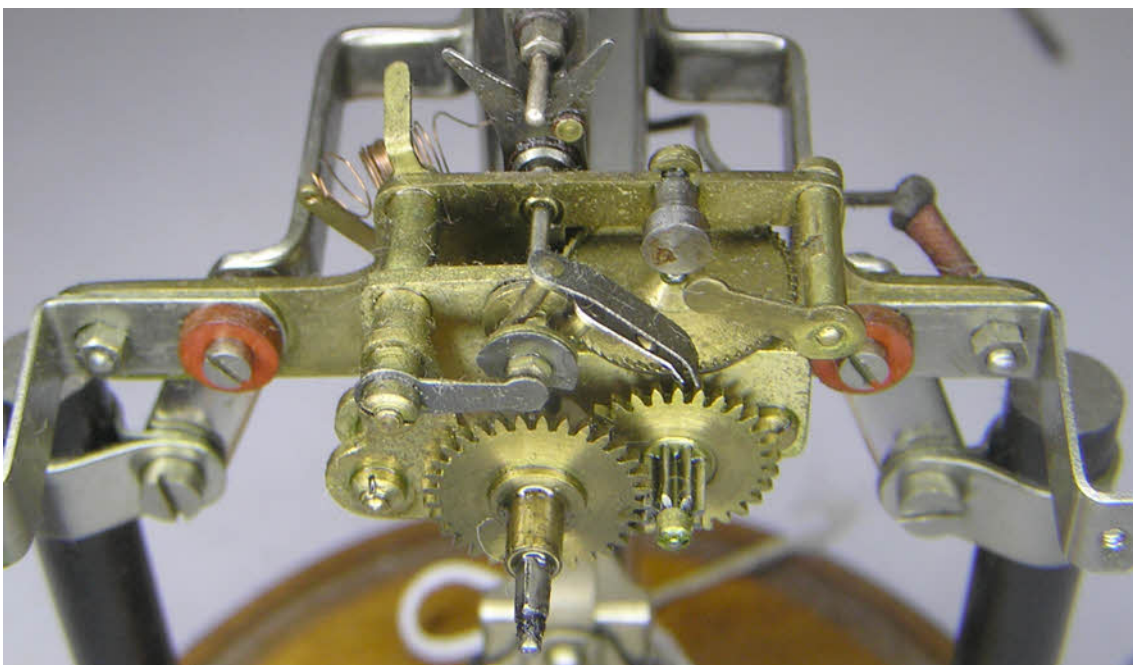
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The penciled number under the base looks like a battery id code.

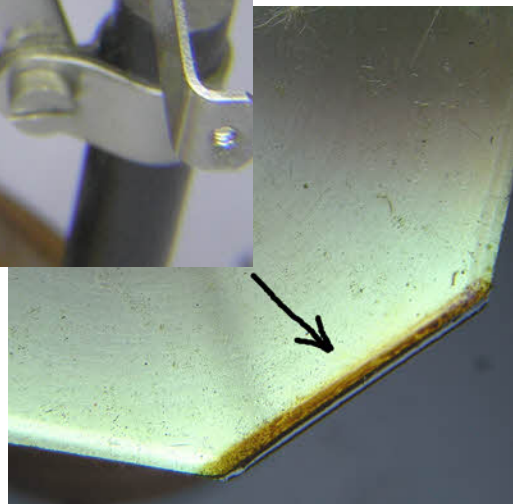


The coiled negative wire from the battery is connected to the pendulum via the small nuts and screws that attached the suspension arm to the flat pendulum rod.



The photo at left shows the movement which looks to be in good order bar the liberal soaking in oil as can be seen from this and the following few photos.

This last photo shows a ridge of congealed oil sticking to the reverse of the dial. .



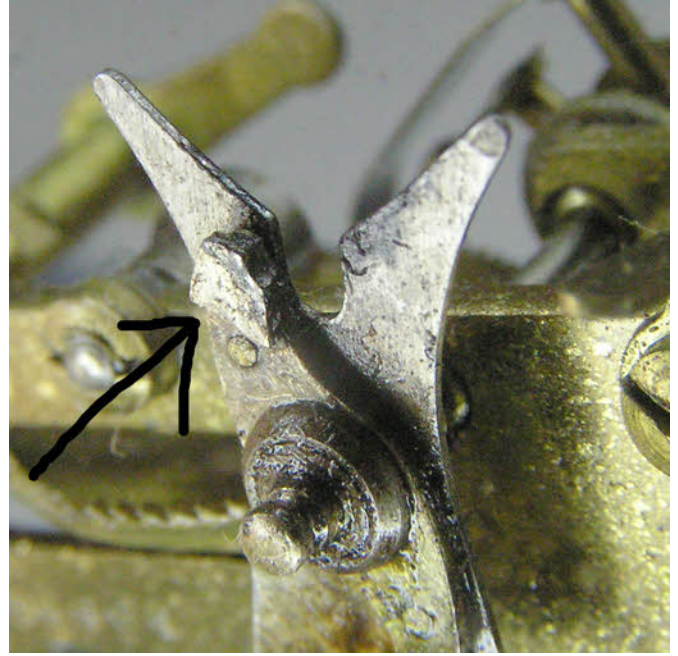
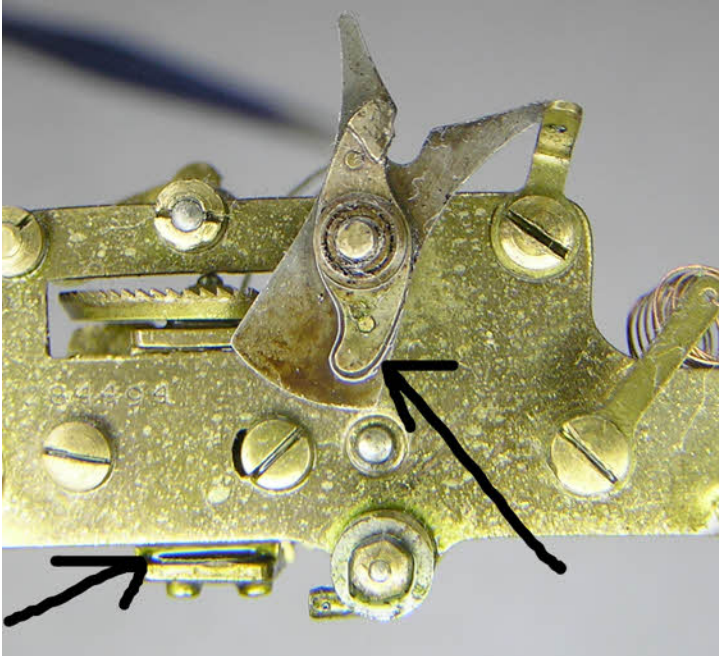
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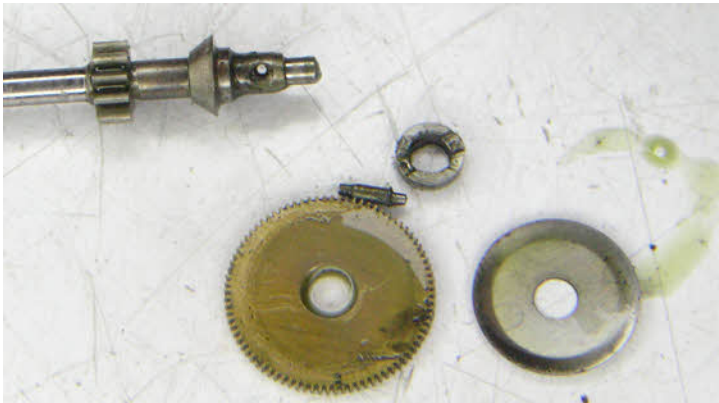
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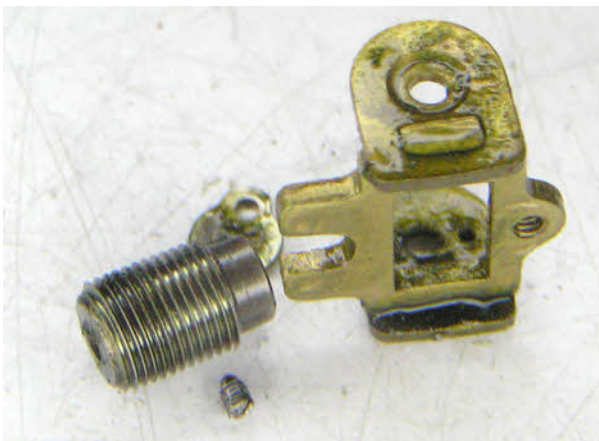
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Note the oil slicks above and in the two photos below!!



This photo not only shows the greasy state of the fork but also the repair to the silver contact. This type of fork is much more complicated than the contact and fibre type found on earlier clocks. The fork itself is insulated by multiple fibres washers between it and the "S" shaped silver contact, as well as the arbour itself. If badly worn, the contact cannot be replaced without a lot of time spent on making another and fitting it with new washers. In this case a previous repairer has decided to keep the original contact and adding a new piece of silver at the worn edge. Not a bad job at all. I think we will do the same and remove the old repair and replace with a new piece.



At left we see the underside of the base with the potentiometer that was probably used to try and compensate for poor performance of the clock due to all the oil and muck.

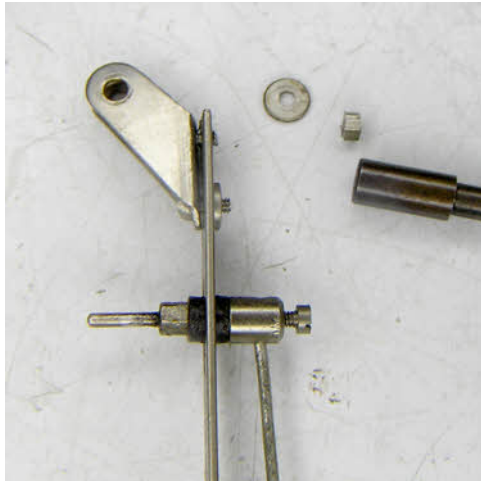
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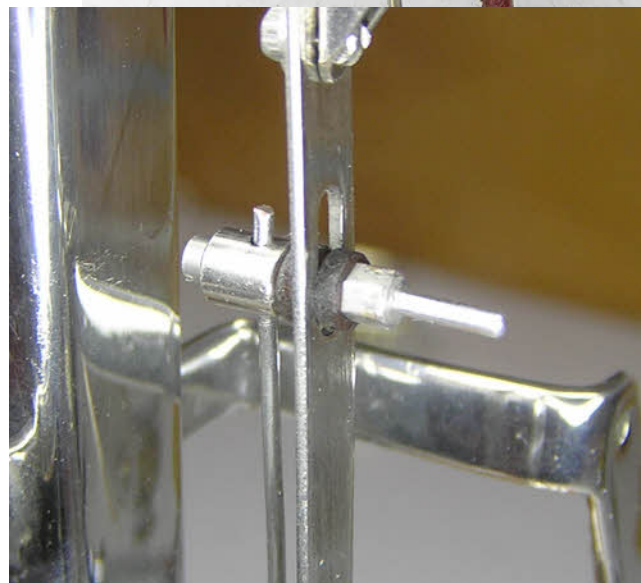
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This group of three photos top and right, shows the later production methods of using more punch formed parts for the pendulum and suspension bracket as well as the simpler methods of creating the contact pin and isochron bracket assemblies.



Above - the old silver repair removed and a new piece of silver soldered in place. After much testing the method proved to be successful and when worn can easily be replaced again in the future without damage to the original parts.

The cleaned silver contact pin.

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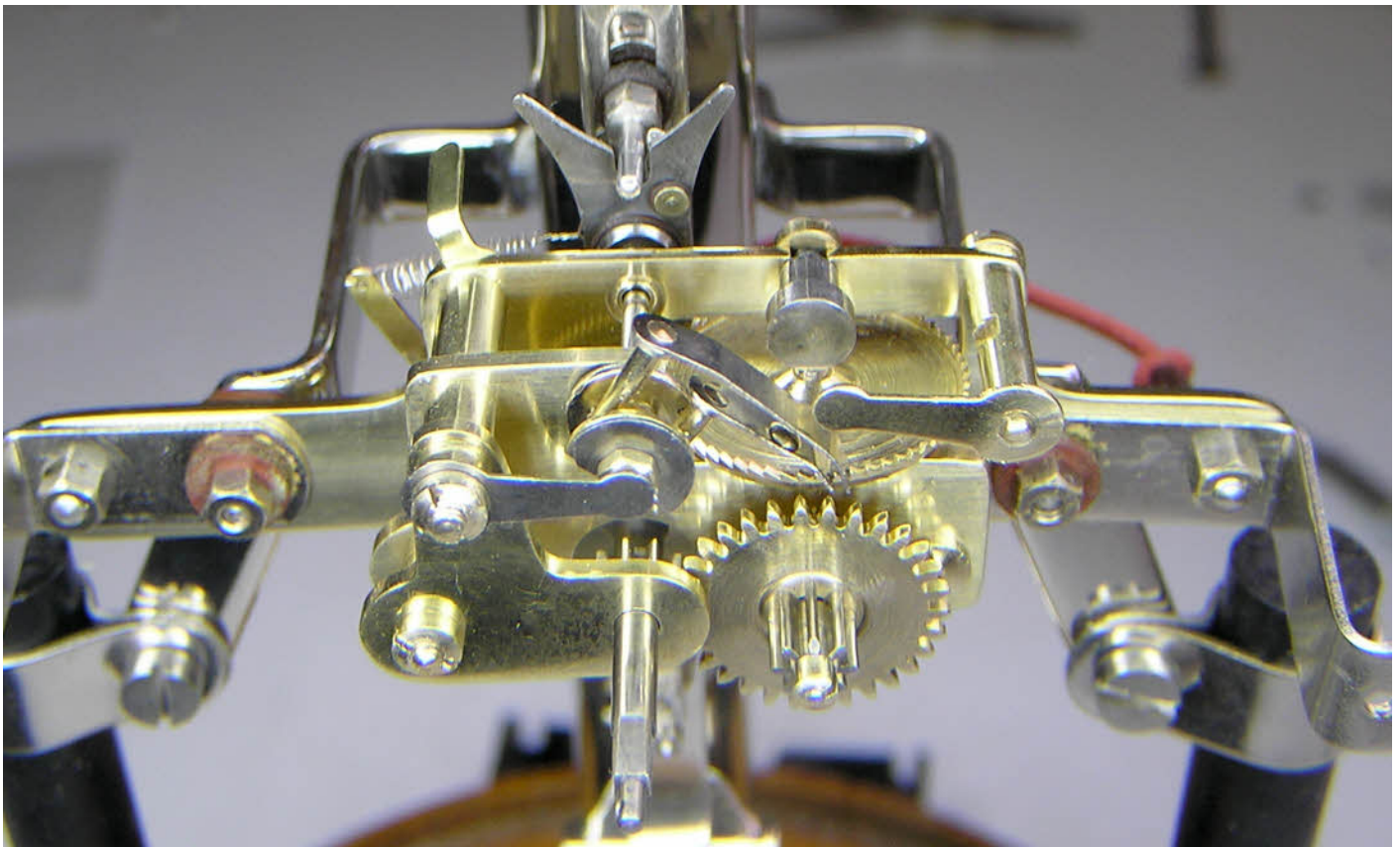
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The waxed base with the restored pendulum in place. Note the new suspension and coil.

Below is shown the movement cleaned and back in place on the frame with no trace of oil!



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The completed clock.

As a point of interest, note the round hole and circular mark on the base under the frame arrowed. This looks as though the base was from another Bulle clock that had the round brass column. It should be considered therefore that the frame & movement were originally on another base, probably a bakelite one.

