

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

Bulle Clock Serial Number 253053

*Restoration of Bulle Clock
Serial Number 253053*

Horologix



The place to come
for all your Bulle
and Eureka restora-
tion parts.

Contact Peter Smith
Telephone 01454-880825
Or Mobile 07969-773480
Email peter_smith@horologix.com

Bulle Clock Serial Number 253053



**Photos by kind permission of
the owner.**

This short movement clockette sits on a round mahogany base which houses the 1.5 volt battery underneath.

The first thing to note is that there is a lot of wire floating free from the coil which itself seems to be mounted back to front? The hands are also missing and supplied in a separate plastic bag. On further inspection, they are of two different sizes and designs and are not original.

There are also two extra weights added to the pendulum just above the rating nut.

Horologix



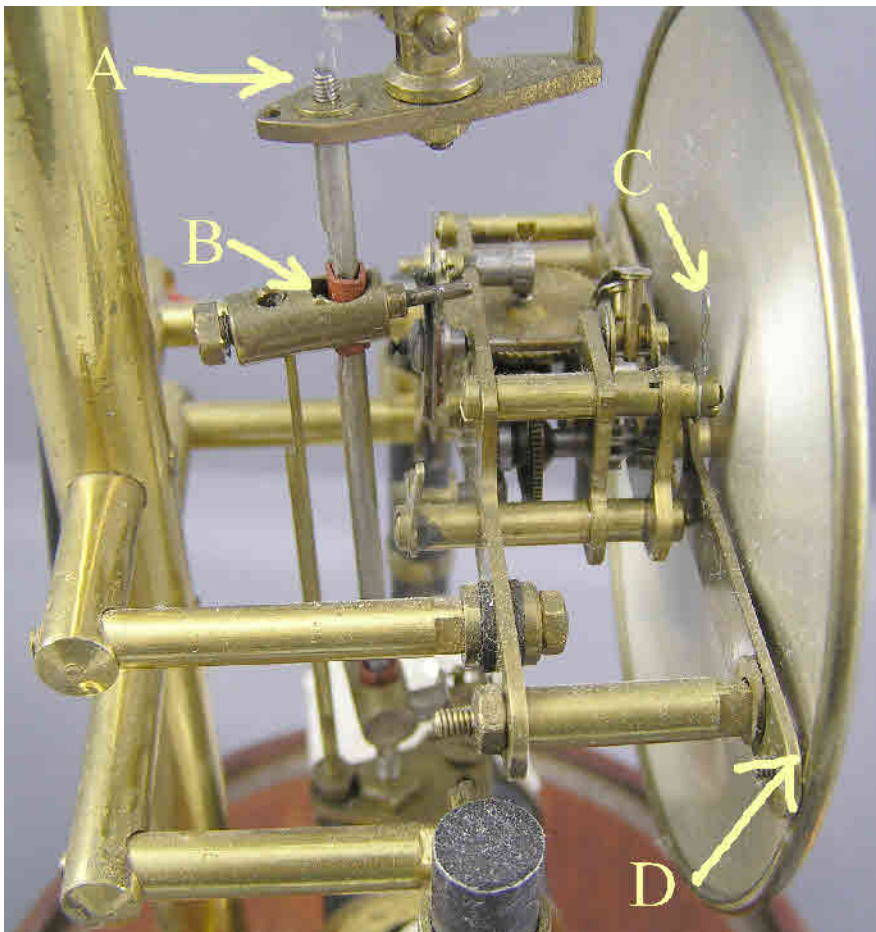
The place to come
for all your Bulle
and Eureka restora-
tion parts.

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

Bulle Clock Serial Number 253053



A close up photo of the floating wire and the extra weights



This photo shows a number of issues

A) The retaining nut is missing which secures the pendulum rod to the suspension assembly

B) The "T" piece which prevents the pin piercing the fibre is missing (see below)

C) The pawl arbour stop piece is set vertical and therefore not engaging with the arbour

D) The dial is missing the two pyramid shaped washers that support the dial.



The "T" piece missing from the clock.

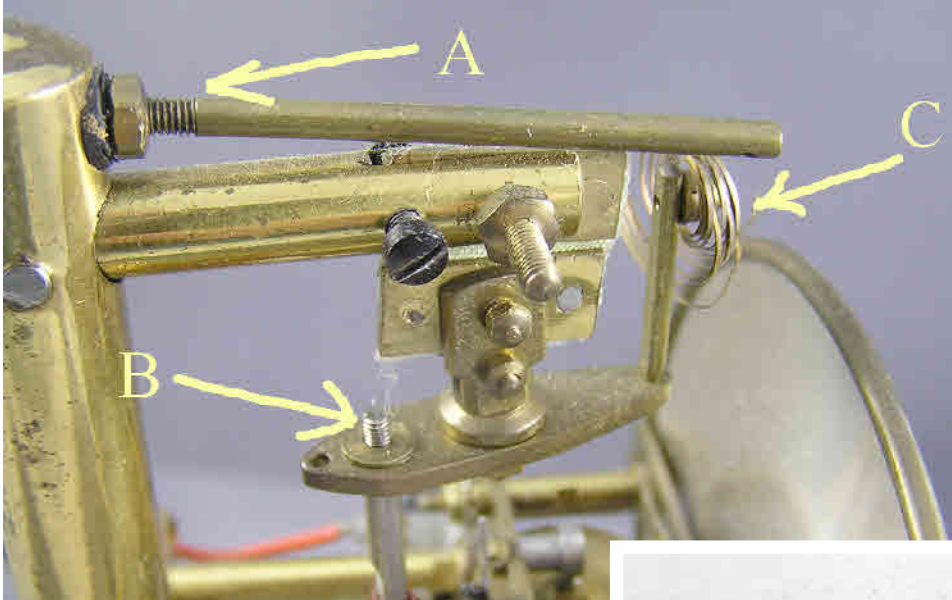
Horologix



The place to come
for all your Bulle
and Eureka restora-
tion 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 253053



A) The bent arm that carries power to the small balance spring. This is a simple matter to straighten. The arm is shown removed below..

B) The missing pendulum rod retaining nut.

C) The mis-shapen spiral balance hair spring. I may be able to straighten this with a little patience.



The underside of the base still carries the original label and is generally in good condition with no acid burns. The wiring is modern and will be replaced

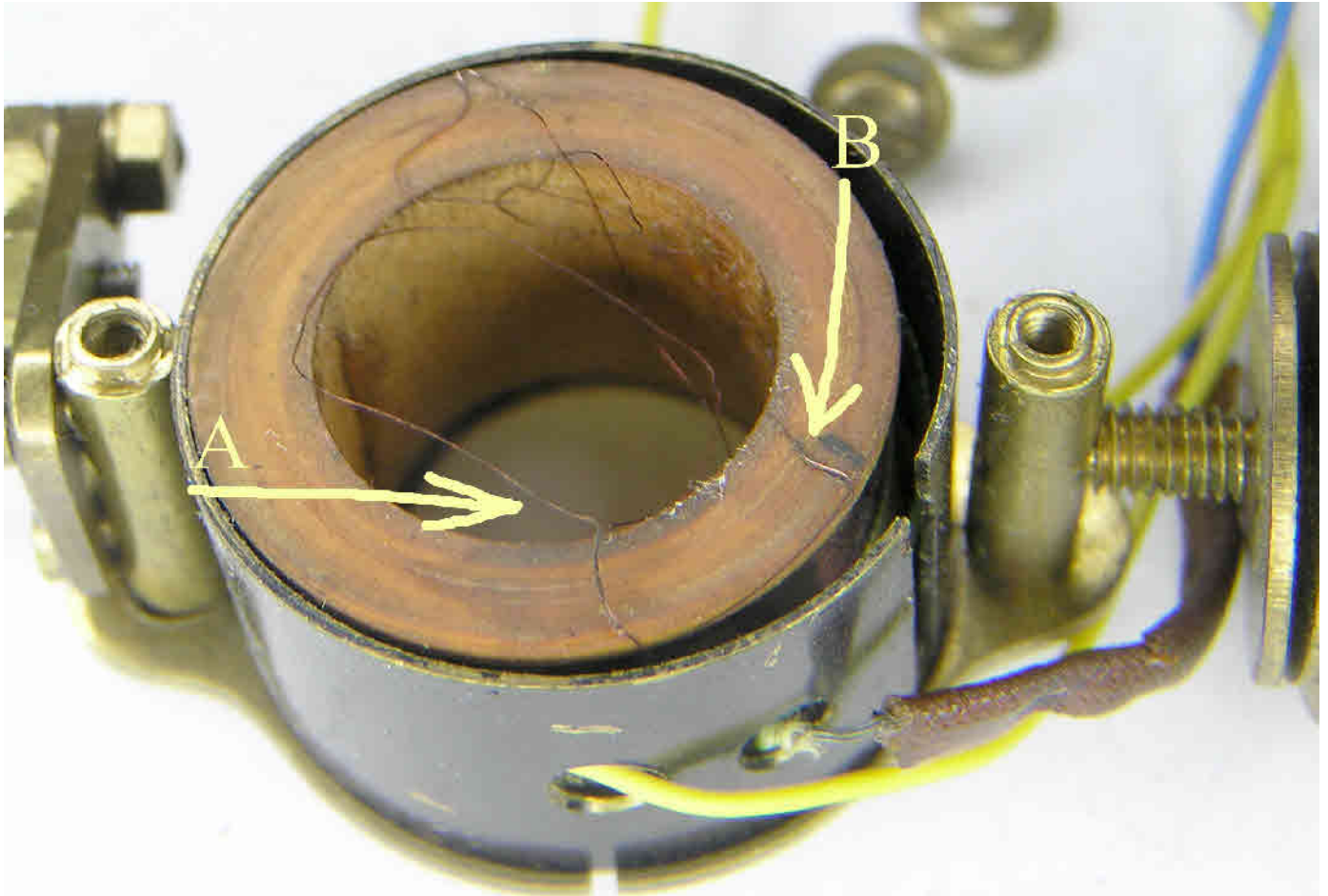
Horologix



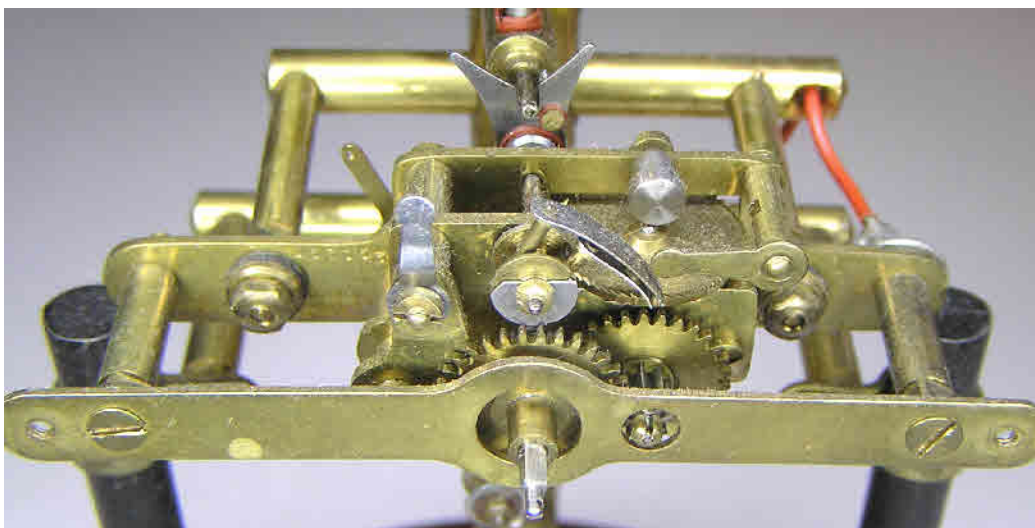
The place to come
for all your Bulle
and Eureka restora-
tion parts.

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

Bulle Clock Serial Number 253053



The coil looks to be in a worse condition than I first thought. I have enlarged this photo so that the core winding wire can be seen protruding beyond the casing at "A" and "B". I tried a resistance reading at all the ends I could find but to no avail. I hope this isn't a rewind!



This photo shows the movement which seems to be in good condition with no major parts missing or broken., albeit that the steel half washer on the end of the pawl assembly is upside down.

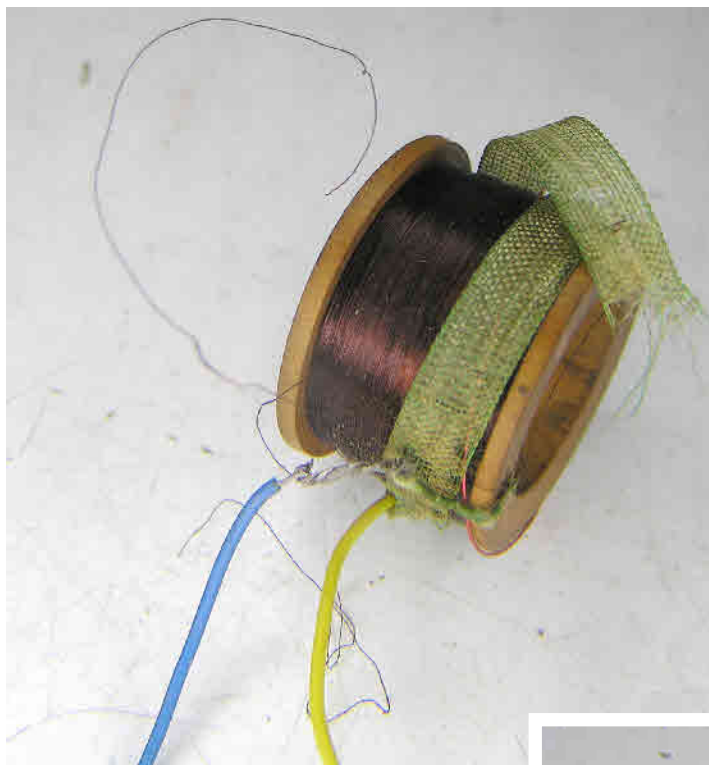
Horologix



The place to come
for all your Bulle
and Eureka restora-
tion parts.

Contact Peter Smith
Telephone 01454-880825
Or Mobile 07969-773480
Email peter_smith@horologix.com

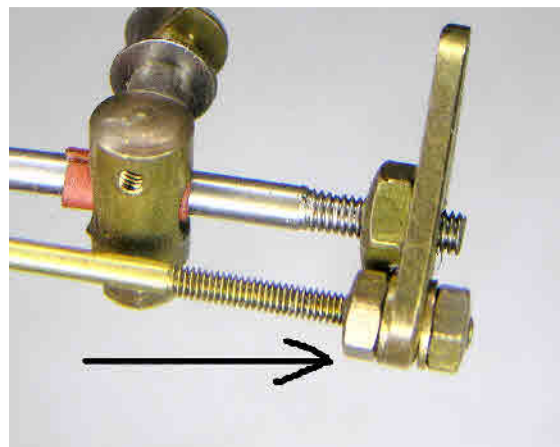
Bulle Clock Serial Number 253053



To the left can be seen the coil after removal from the brass casing. I eventually removed the two modern pieces of wire and traced back the winding to find the original ends. I then burned off a half inch of the enamel coating and cleaned the ends. The coil then proved to be good with a 1200 Ohm resistance reading. So all we need do is remake the lead out wires and secure the winding. Below we see the coil caps and spacer bar. These caps have one square and one round hole to accommodate the the similarly formed spacer bars. These squares assist in making sure the pendulum rod and rating nut sit vertically when attached to the coil.. As can be seen the caps have the round holes drilled out to be oversize and the square has been turned away on the upper spacer bar that carries the pendulum rod. Although the enlarged holes will not present too much of a problem, the spacer bar will need to be replaced.



The last photo shows that the rod with the threaded end which normally carries the power from the coil back up the the contact pin assembly has been attached to the pendulum rod which normally carries the power down to the coil, thereby completely shorting out the system. The lead out wire from the coil should be insulated and pass through the plate and attached to the threaded rod by the two nuts.



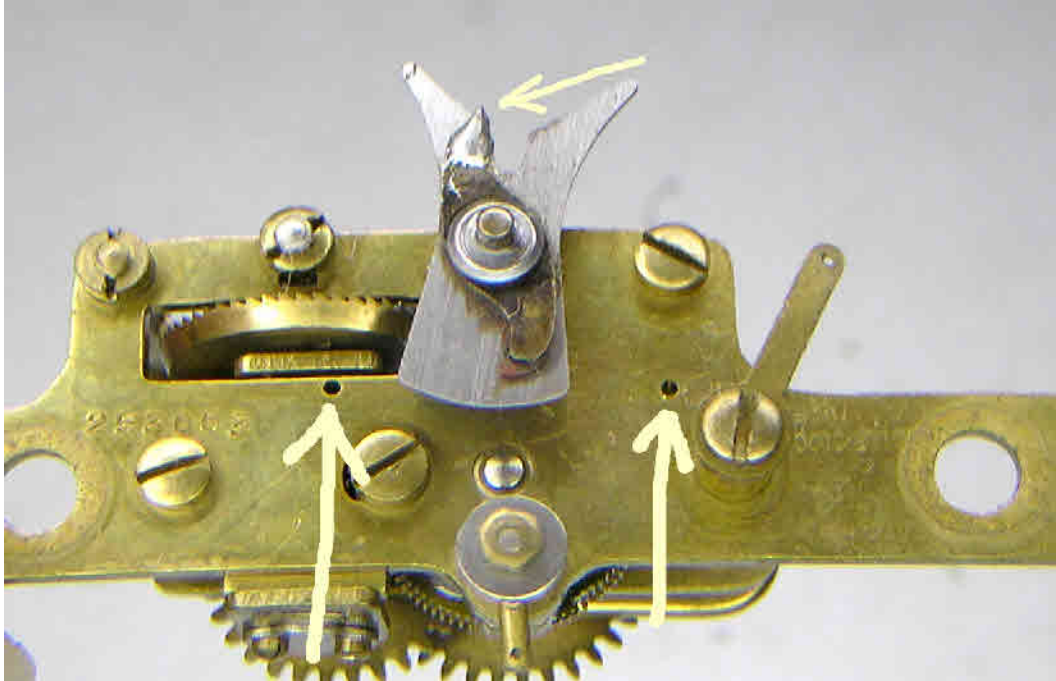
Horologix



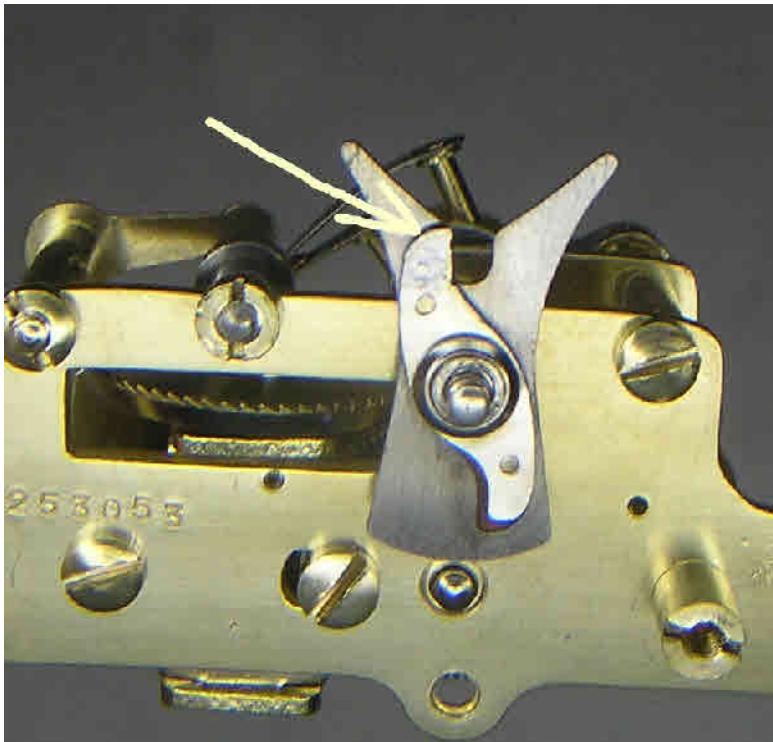
The place to come for all your Bulle and Eureka restoration parts.

Contact Peter Smith
 Telephone 01454-880825
 Or Mobile 07969-773480
 Email peter_smith@horologix.com

Bulle Clock Serial Number 253053



The fork has had the silver contact "fitted" with a lump of solder! We will remove this and investigate further. Note also the two holes in the main plate. These would normally be fitted with two banking pins to stop the pendulum from over-swinging by arresting the tail of the fork. But in this case the fork is of the smaller type and is not long enough to hit the pins. The pins have therefore not been fitted at time of manufacture.



Above we see the replacement spacer bar with its nice clean square end.

The the left we see that the fork contact was in quite good condition under the solder and only needed cleaning and straightening.

Horologix



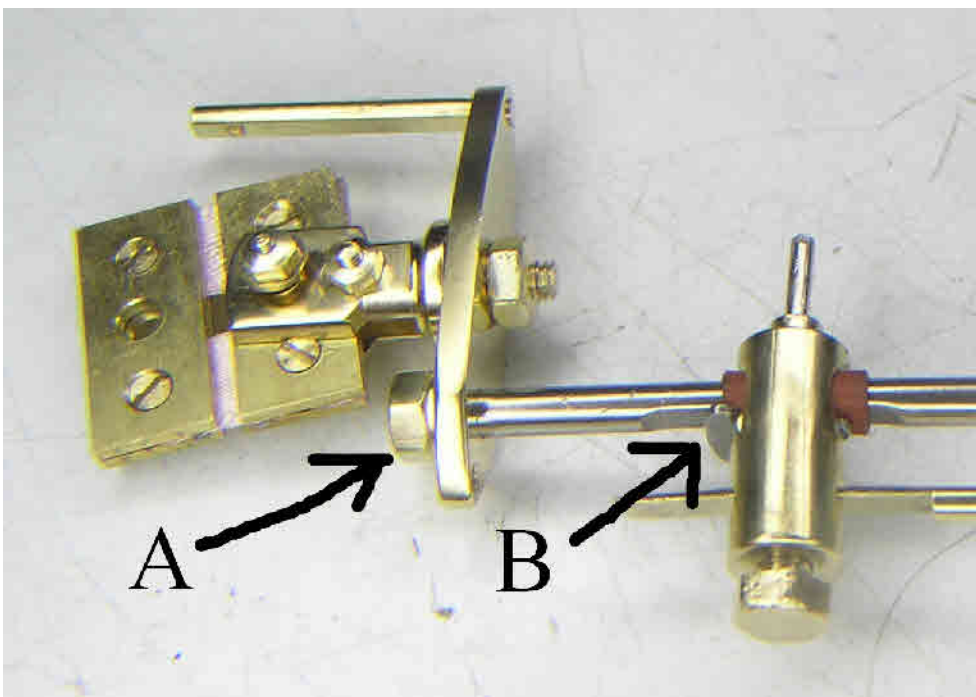
The place to come
for all your Bulle
and Eureka restora-
tion parts.

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

Bulle Clock Serial Number 253053



The completed coil assembly with new lead out wire back in place with the pendulum. Note how the wire is insulated from the pendulum rod and casing. It is then attached via the two nuts to the screwed rod carrying the power back up to the contact pin.



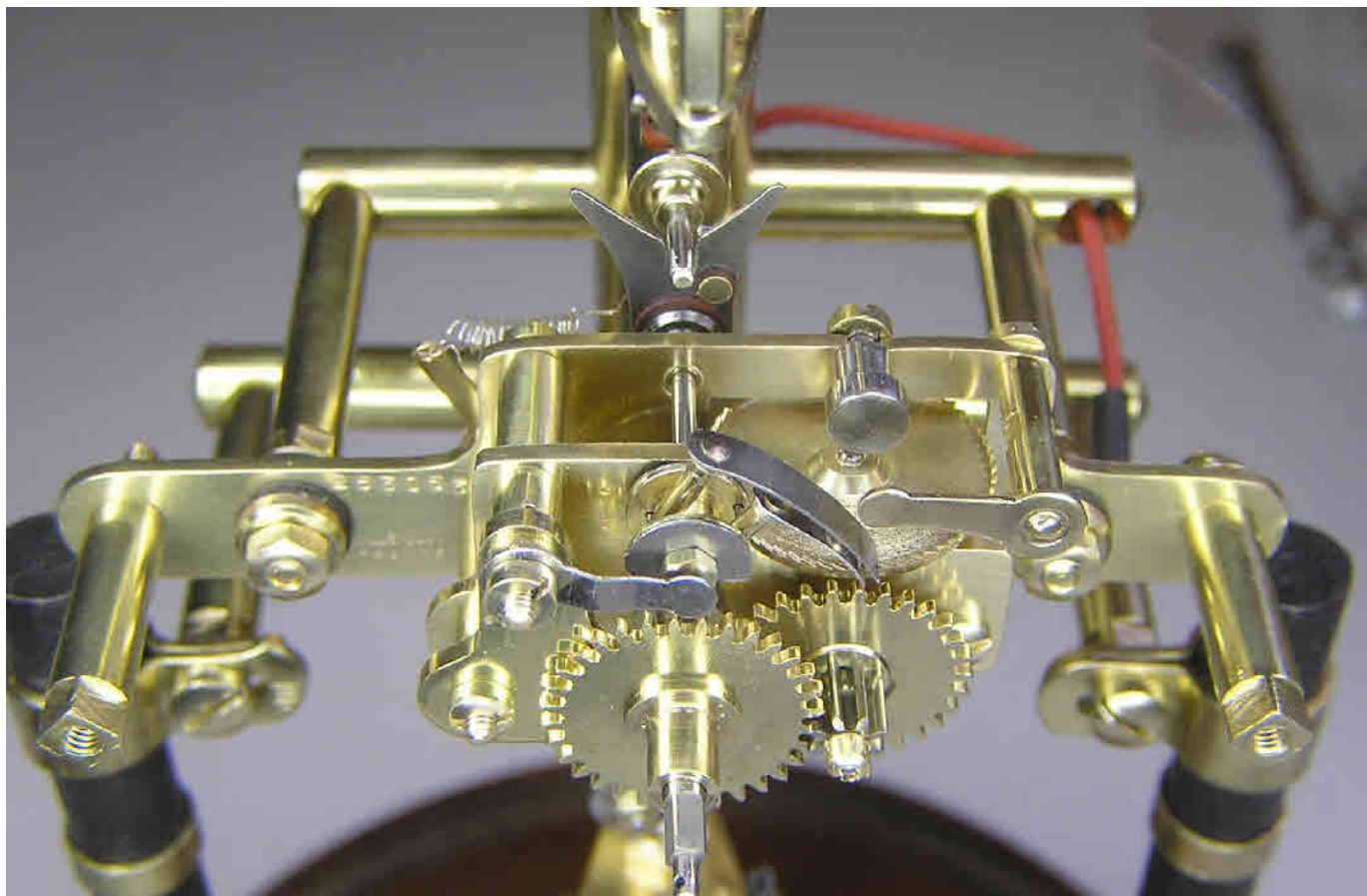
At left we see the restored top half of the pendulum assembly.

A) is the replacement nut

B) The new "T" piece. Which protects the fibre from being damaged by the screw.

<h1>Horologix</h1>		<p>The place to come for all your Bulle and Eureka restoration parts.</p>	<p>Contact Peter Smith Telephone 01454-880825 Or Mobile 07969-773480 Email peter_smith@horologix.com</p>
--------------------	---	---	---

Bulle Clock Serial Number 253053



The completed movement.



The base was in good condition and only needed a coat of wax. The coil cover has been cleaned and sprayed

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

Contact Peter Smith
Telephone 01454-880825
Telephone 01454-880825
Or Mobile 07969-773480
Email peter_smith@horologix.com

Bulle Clock Serial Number 253053



The finished clock.