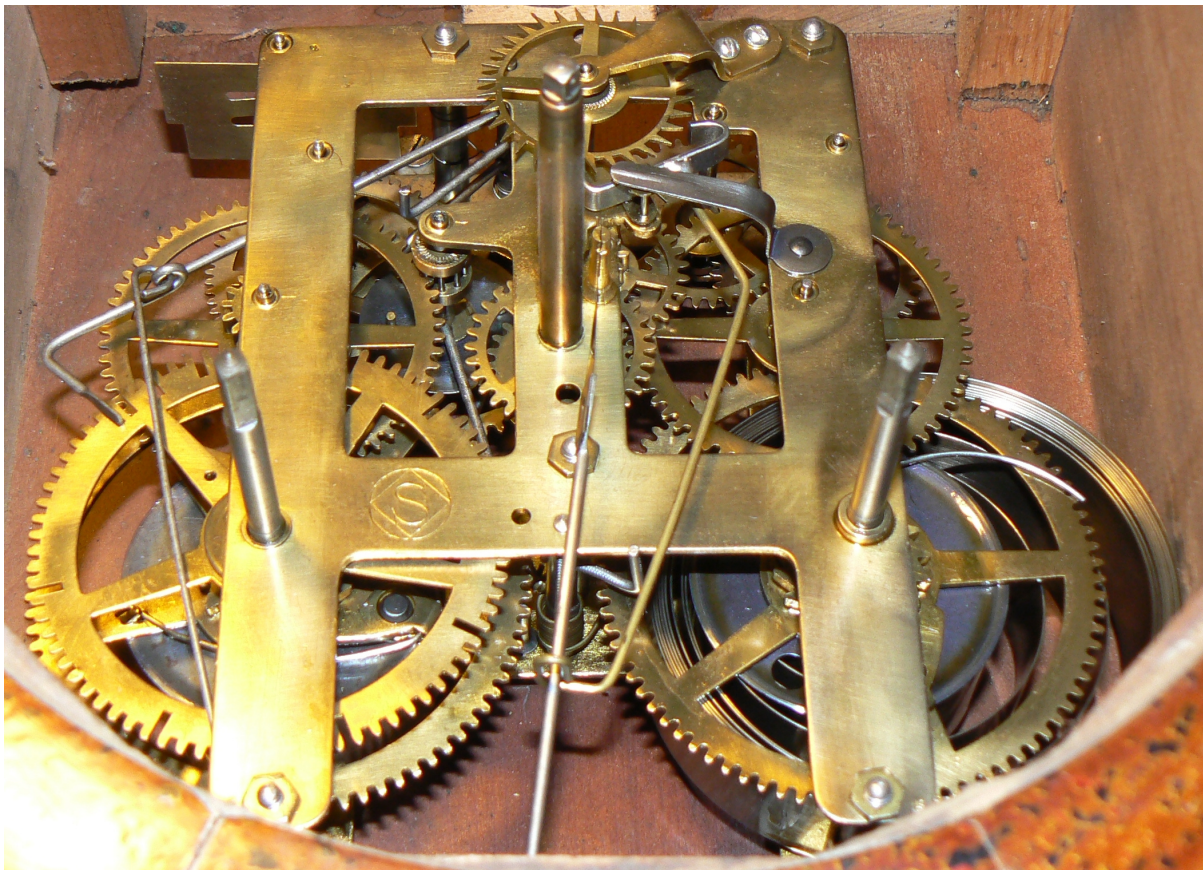


Repair Pendulum Clock



Clock mechanism (Pawl rod for main spiral torsion spring (right) broken, Pawl for chime spring (left) intact)

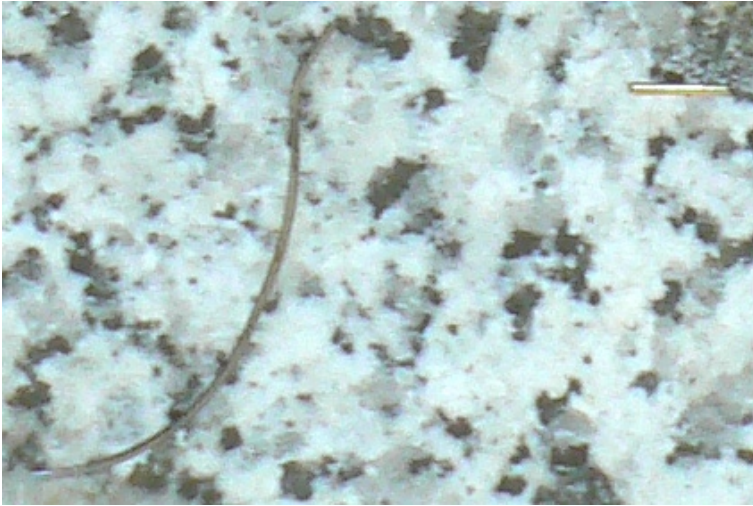


Wooden container

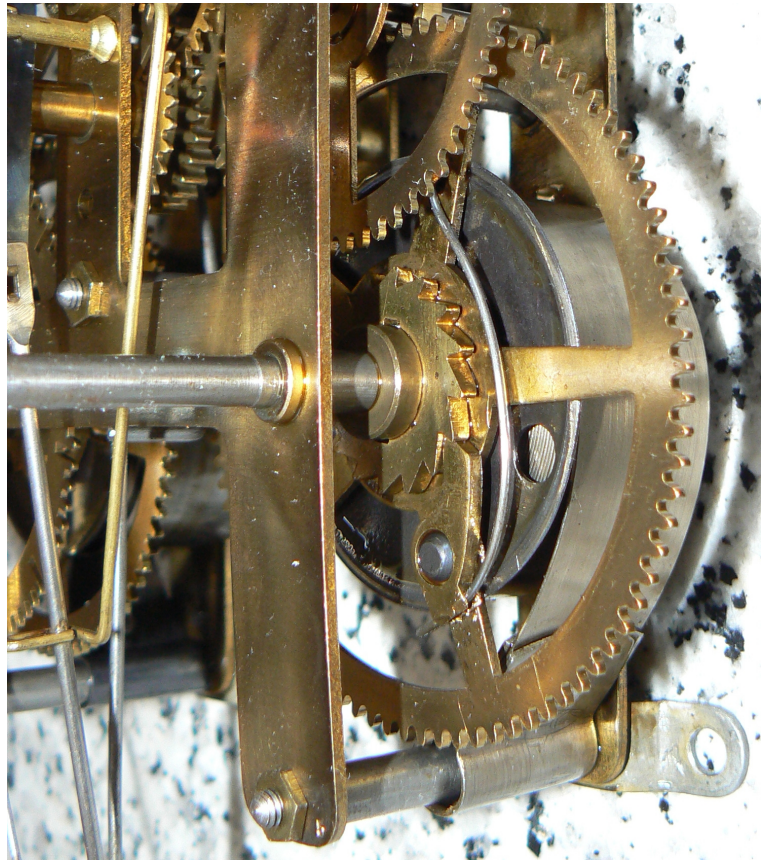


Accessories

Due to a broken pawl rod for main torsion spring, the ratchet cannot stop the main spring loosening.



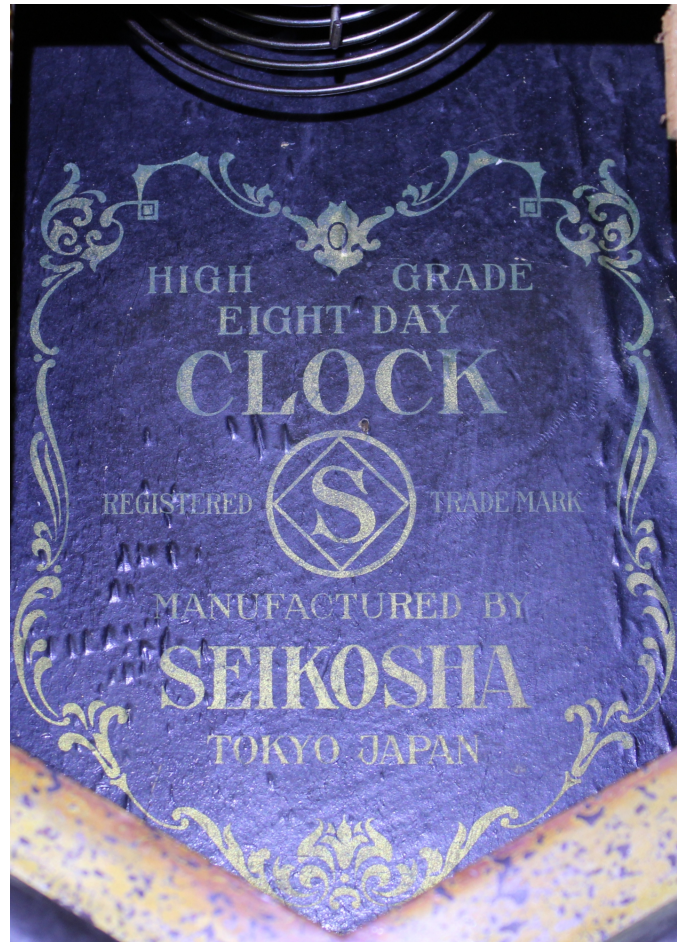
Broken pawl rod for main spring



Assembled back (Pawl rod not touched to cam)



Pendulum moving left & right

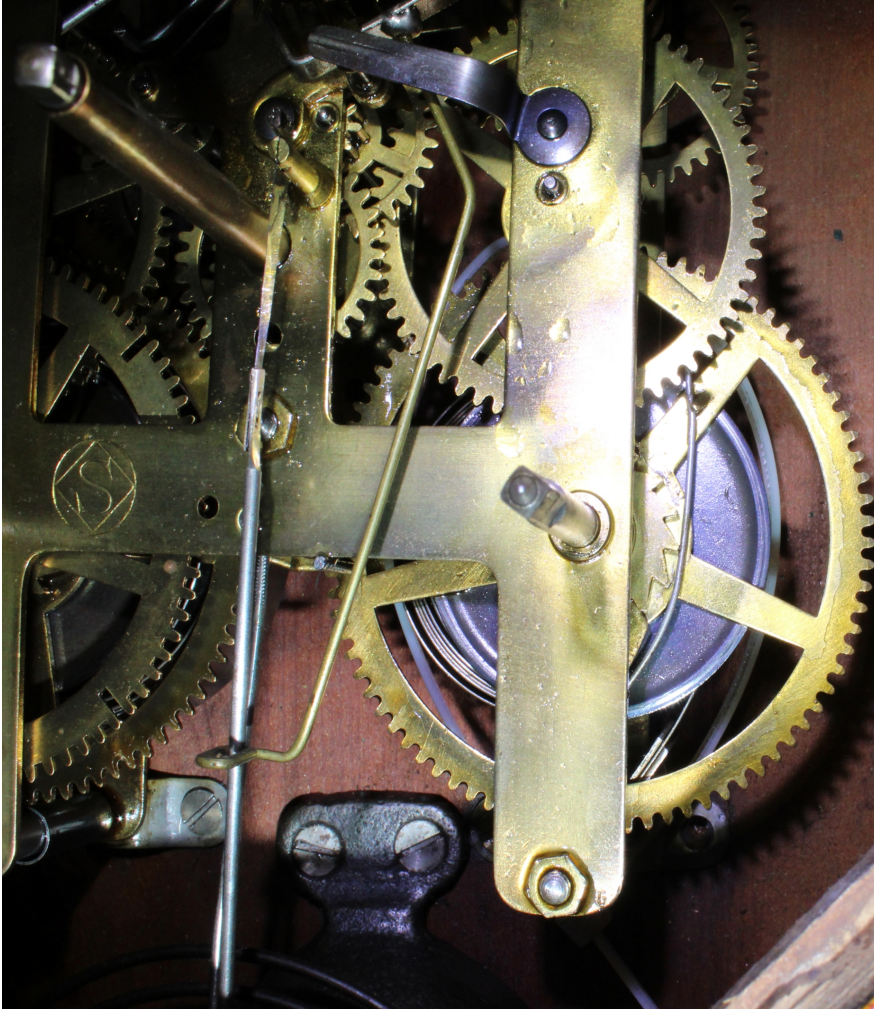


Signature printed on back board (SEIKOSHA)

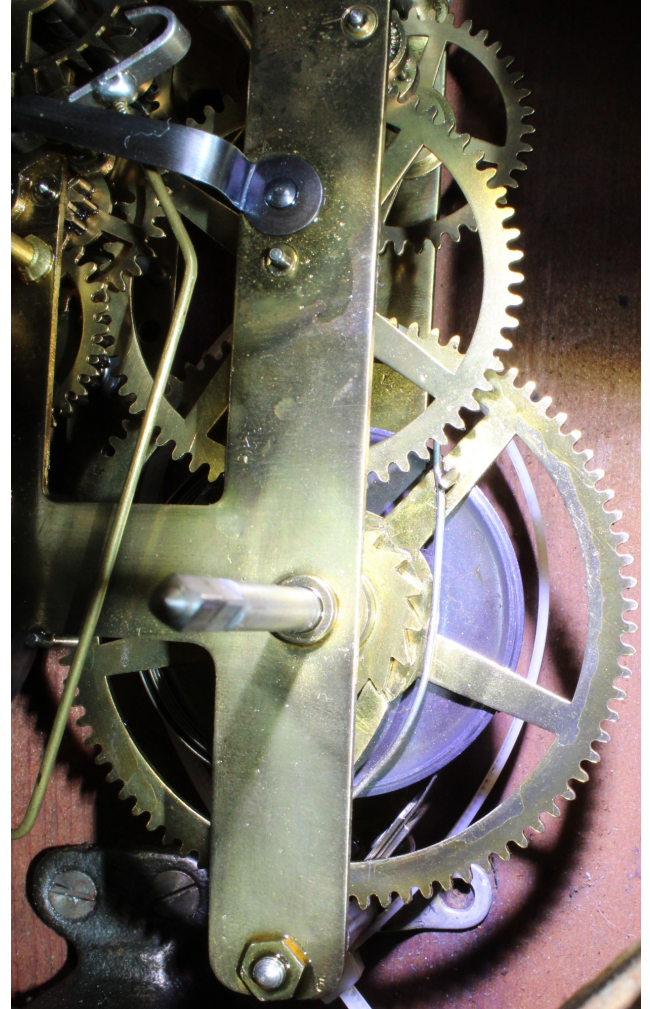
Problem happened 13 years and 6 months later,,

The pendulum movement became weak and eventually stops even though the main spring is sufficiently wound.

The reason was that the pawl rod, I reinstalled as shown above, loosened and touched the spring cam and made big friction against the main spring.



Pawl rod touched to cam and pushed it ↑



Pawl rod separated ↑ (Resurrected)