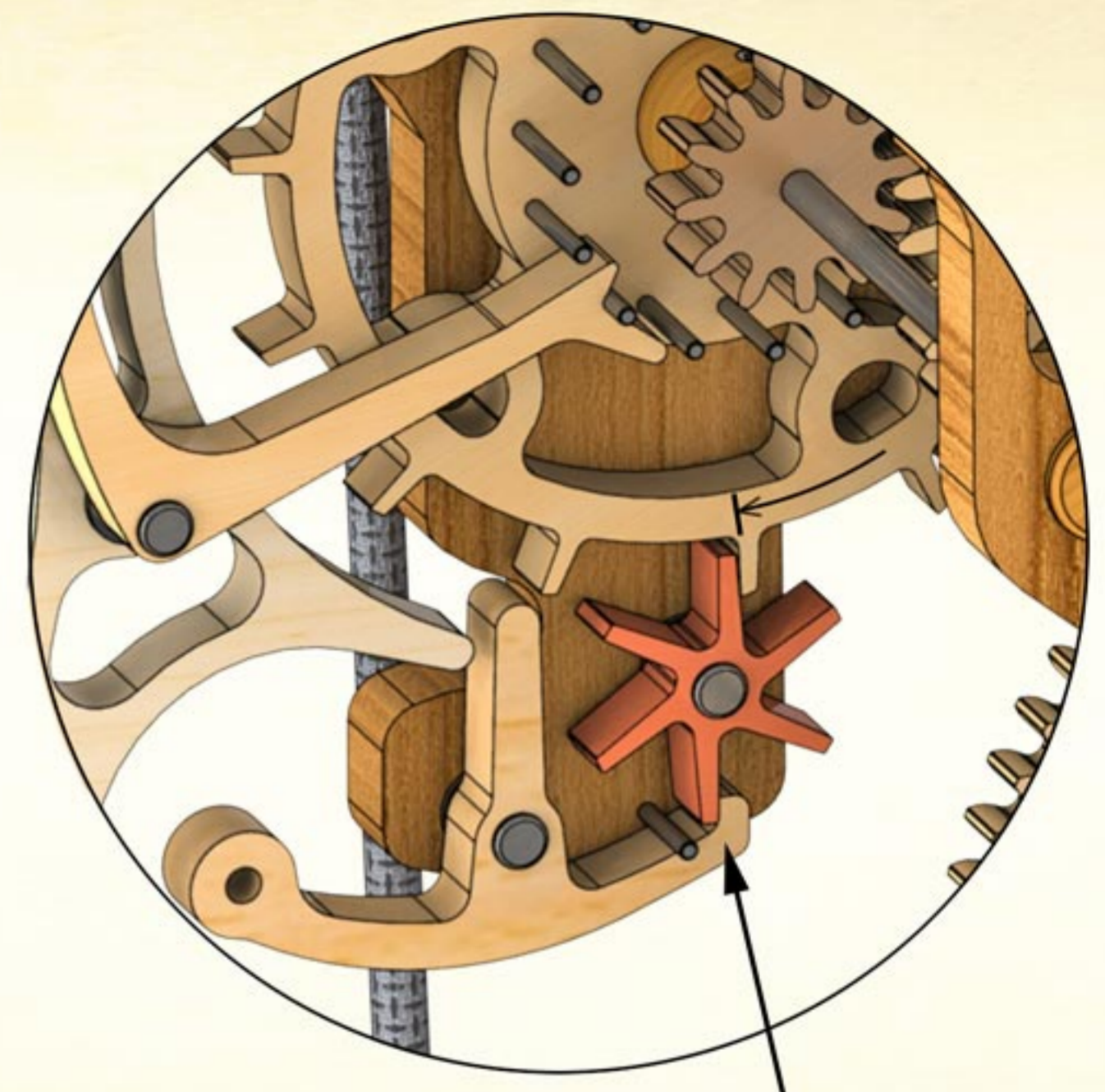


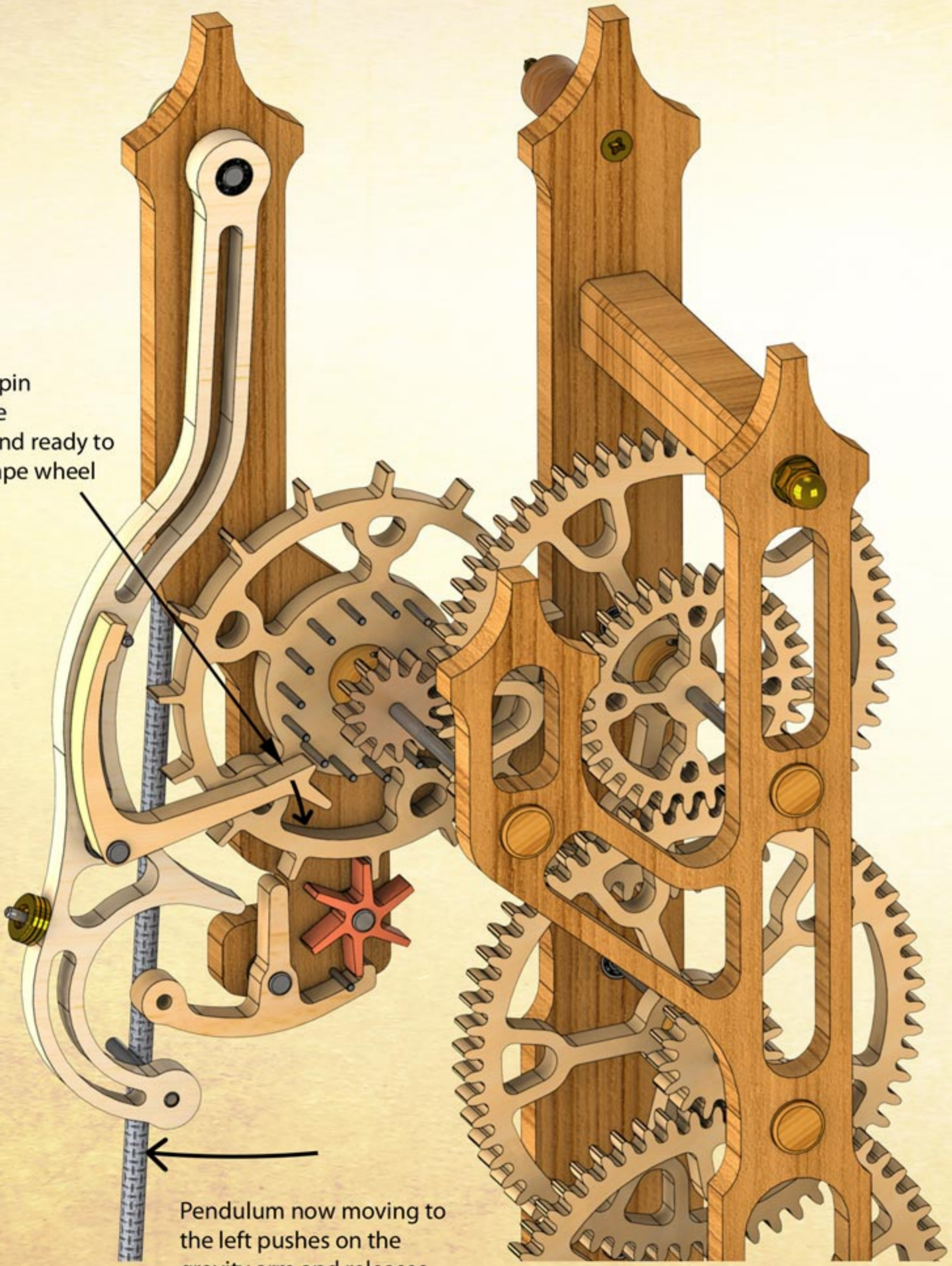
Adjustment weights to be added or removed as required to enable the gravity arm to impact the trigger and release the catch

Pendulum has reached its maximum point of travel towards the right



Escape wheel is driven by the gear train, but its rotation is stopped by the 6 legged Catch being held by the trigger.

Lifting lever is lifted clear of pin and drops below the pin, the mechanism is now cocked and ready to release the catch so the escape wheel can turn

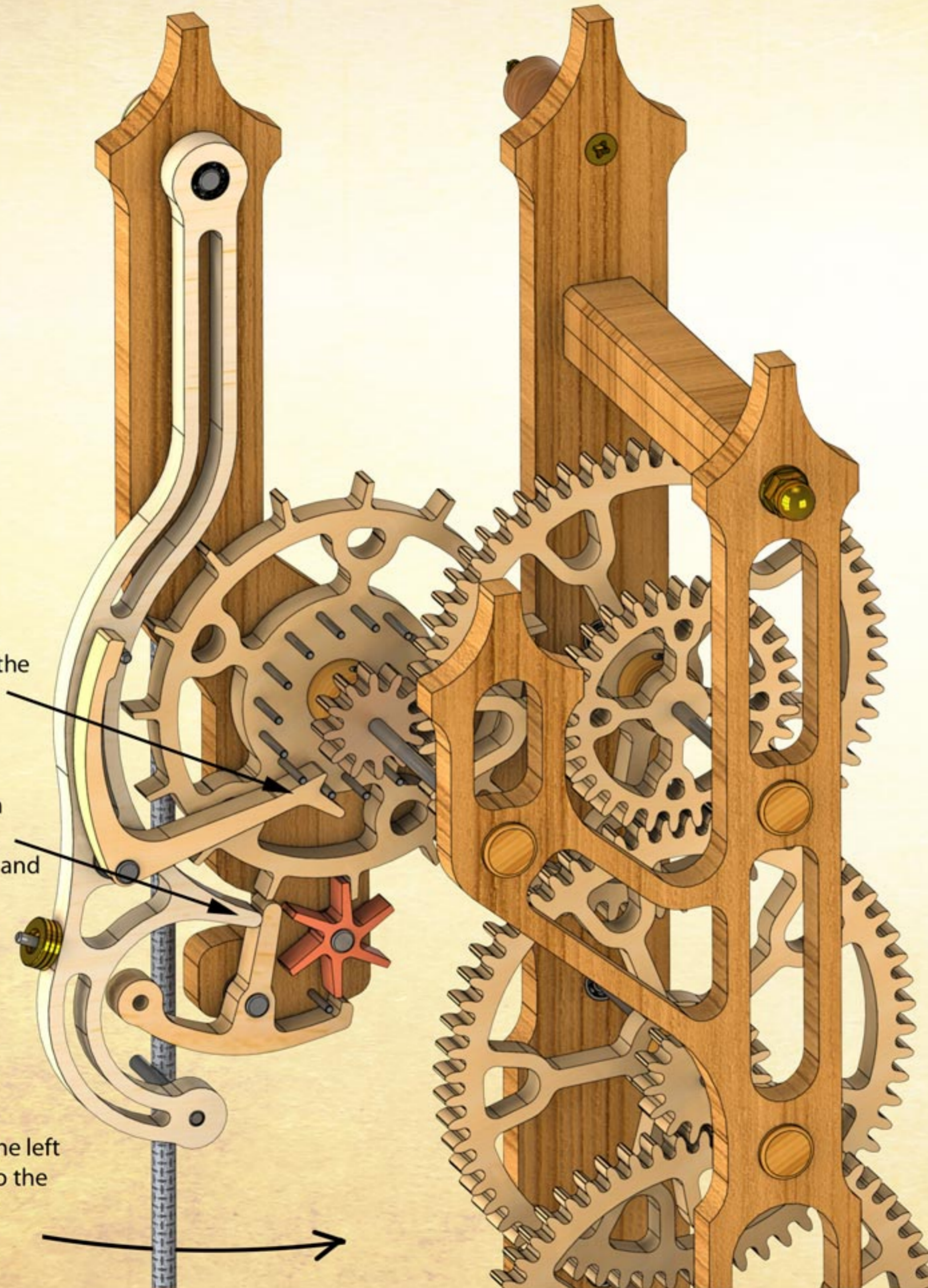


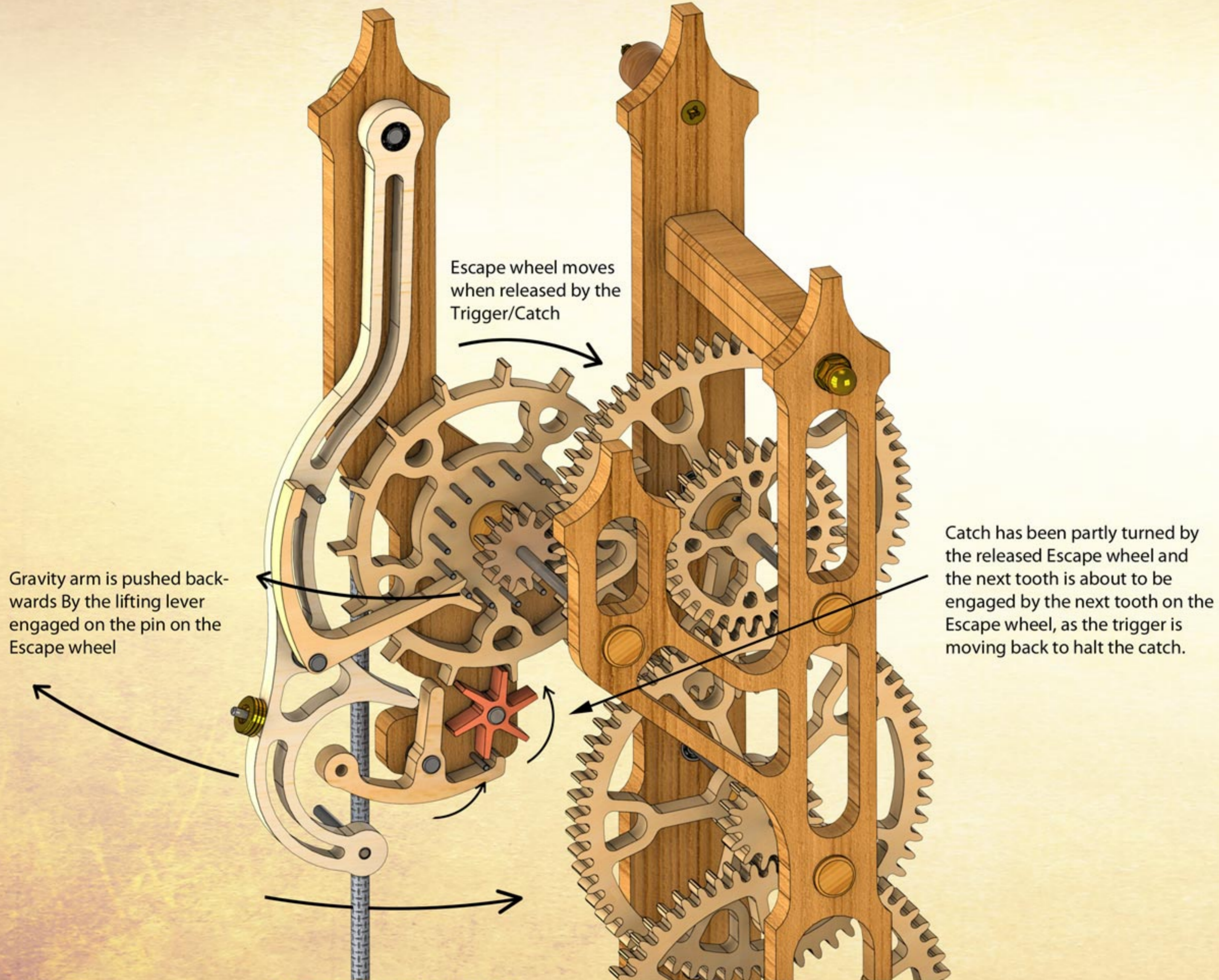
Pendulum now moving to the left pushes on the gravity arm and releases the lifting lever.

Lifting lever moving with the gravity arm has moved to very nearly engage the next pin on the Escape wheel.

In the mean time the probe on the end of the gravity arm has started to push on the Trigger and is about to release the catch.

Pendulum has passed its maximum movement to the left and is now moving back to the right being pushed by the Gravity Arm





Gravity arm is pushed backwards By the lifting lever engaged on the pin on the Escape wheel

Escape wheel moves when released by the Trigger/Catch

Catch has been partly turned by the released Escape wheel and the next tooth is about to be engaged by the next tooth on the Escape wheel, as the trigger is moving back to halt the catch.

The pendulum continuous on its swing to the right as the gravity arm is pushed back by the pin on the escape wheel.