

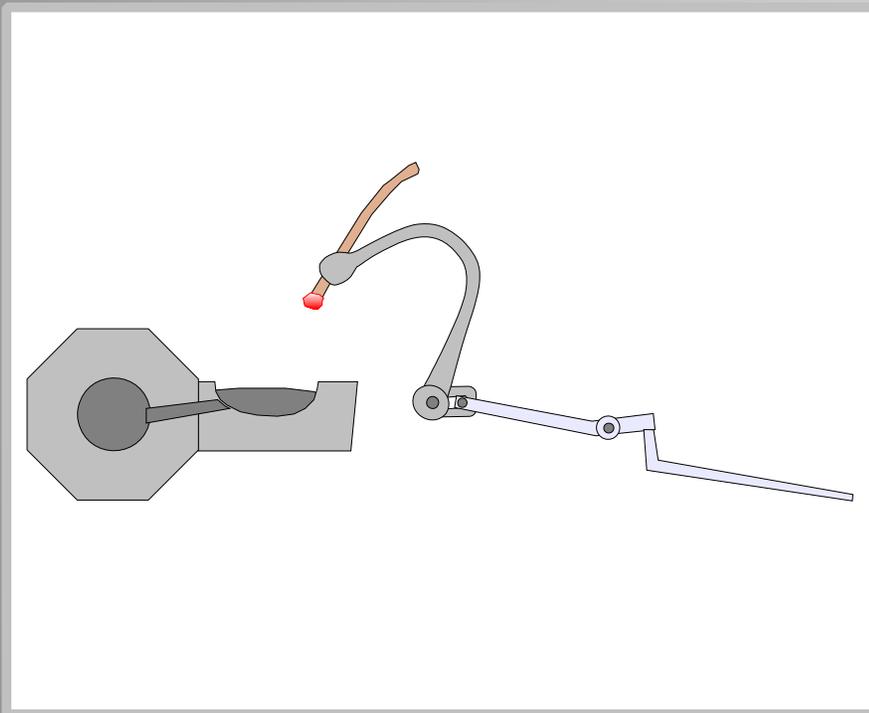
# Glow Ignition; Trigger Bar Match Lock

## Match Lock Musket, ca. 1550

(Replica)



# Concept of Trigger Bar Match Lock



A finger thick hemp rope dipped in lead sugar and then dried, is clamped into the forks of the serpentine.

The serpentine is linked over a notched guide to the trigger bar.

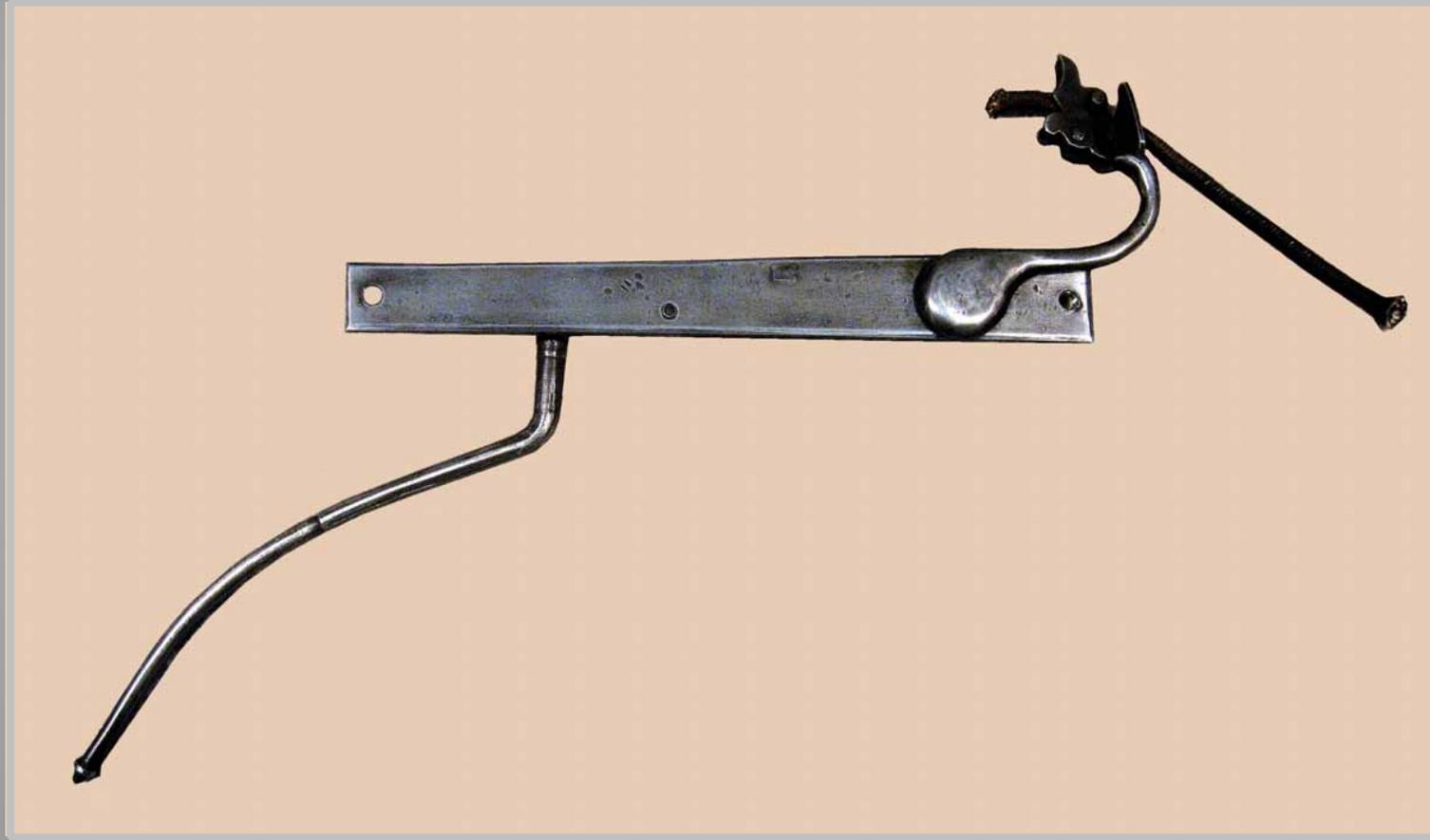
The glowing match in the serpentine is moved towards the flash pan as soon as the trigger bar is being pressed upwards by the musketeer.

# Musket with Trigger Bar Match Lock, ca. 1550

(Replica)

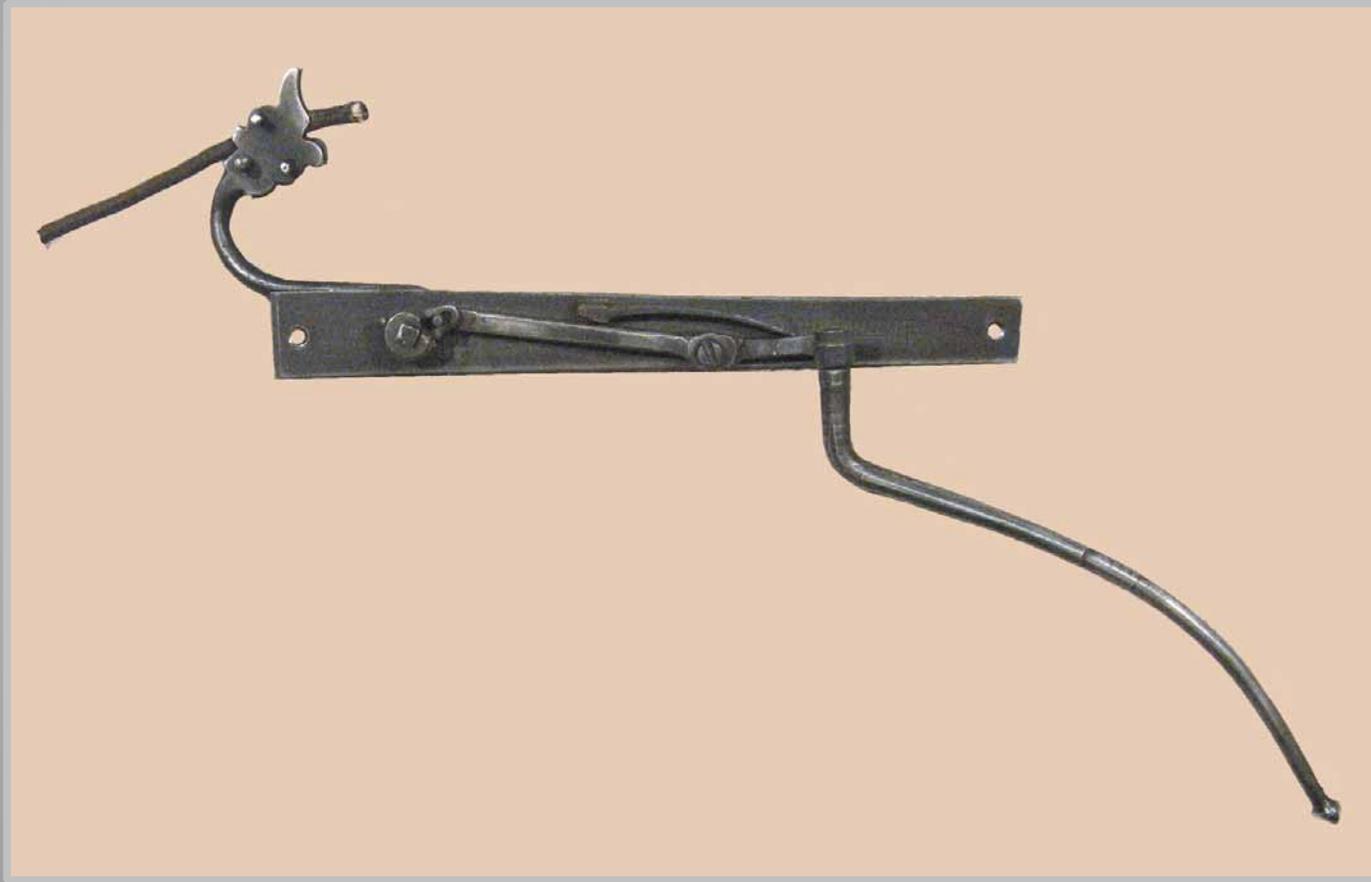


# Match Lock with Trigger Bar, Front View



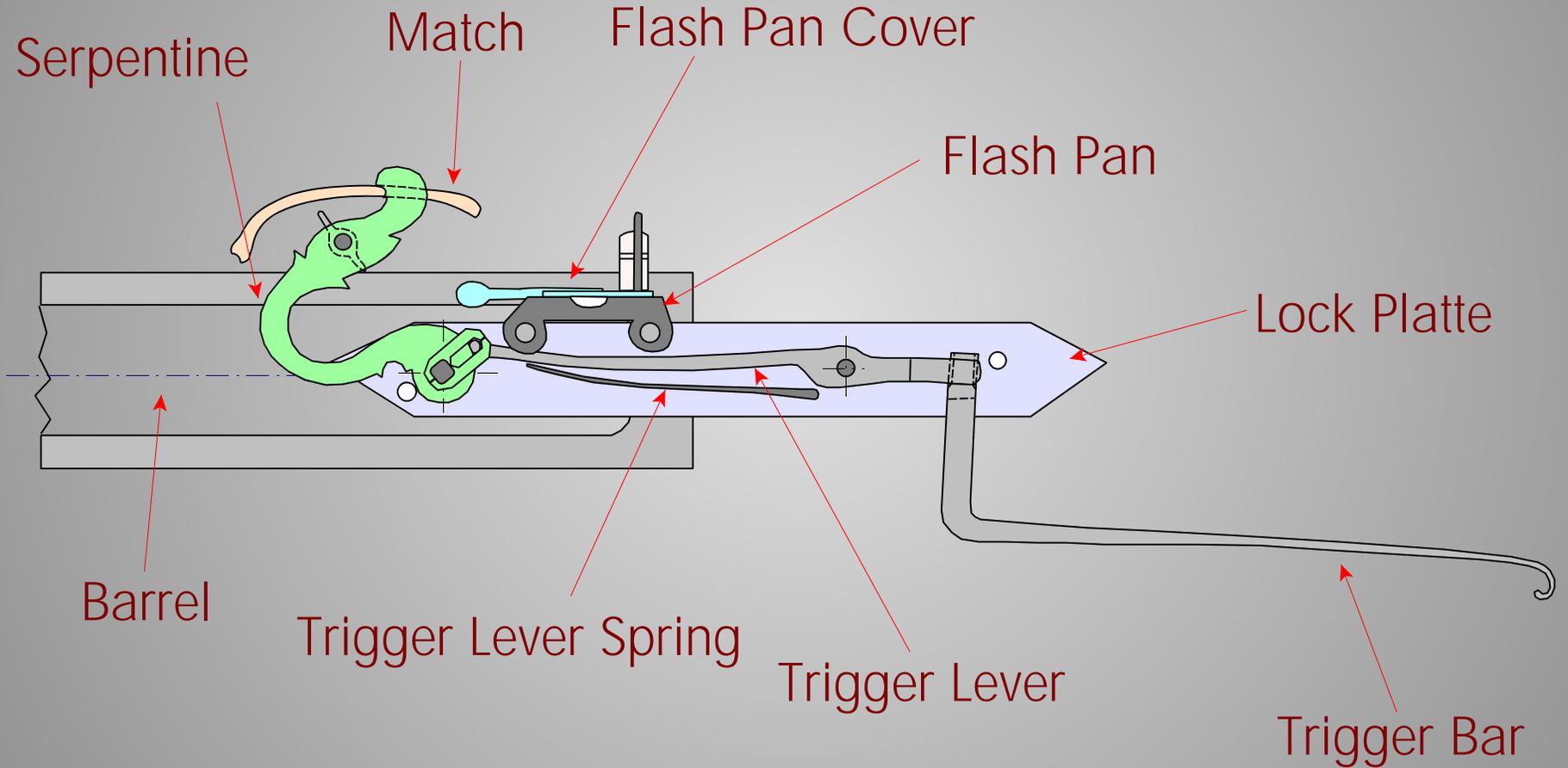
(Replica)

# Match Lock with Trigger Bar, Rear View



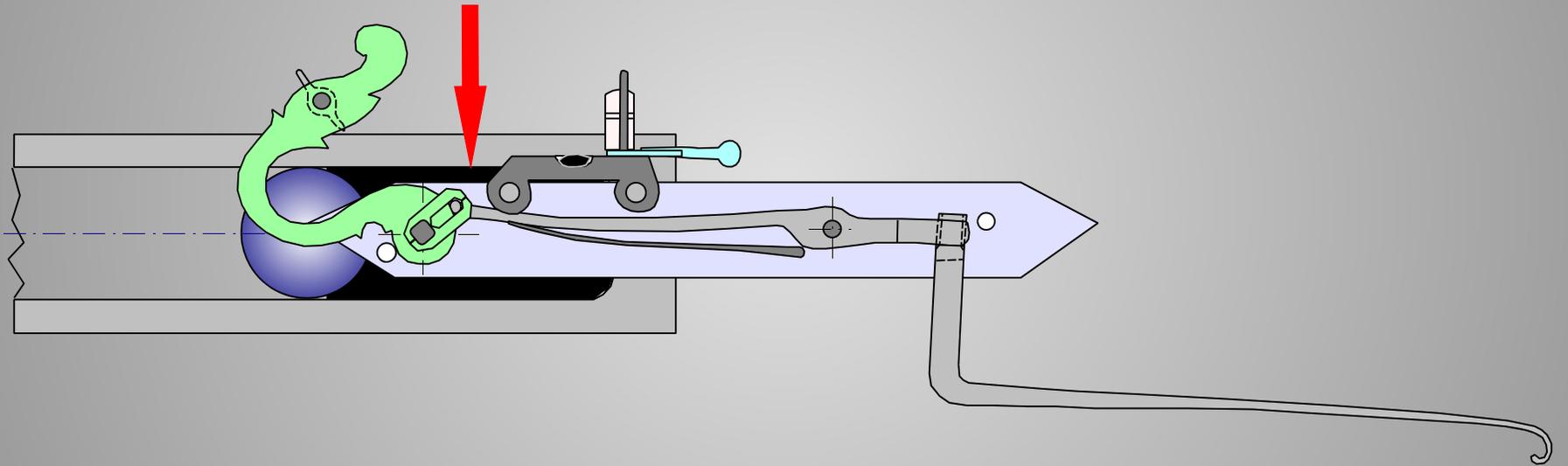
(Replica)

# Cross Section of Trigger Bar Match Lock

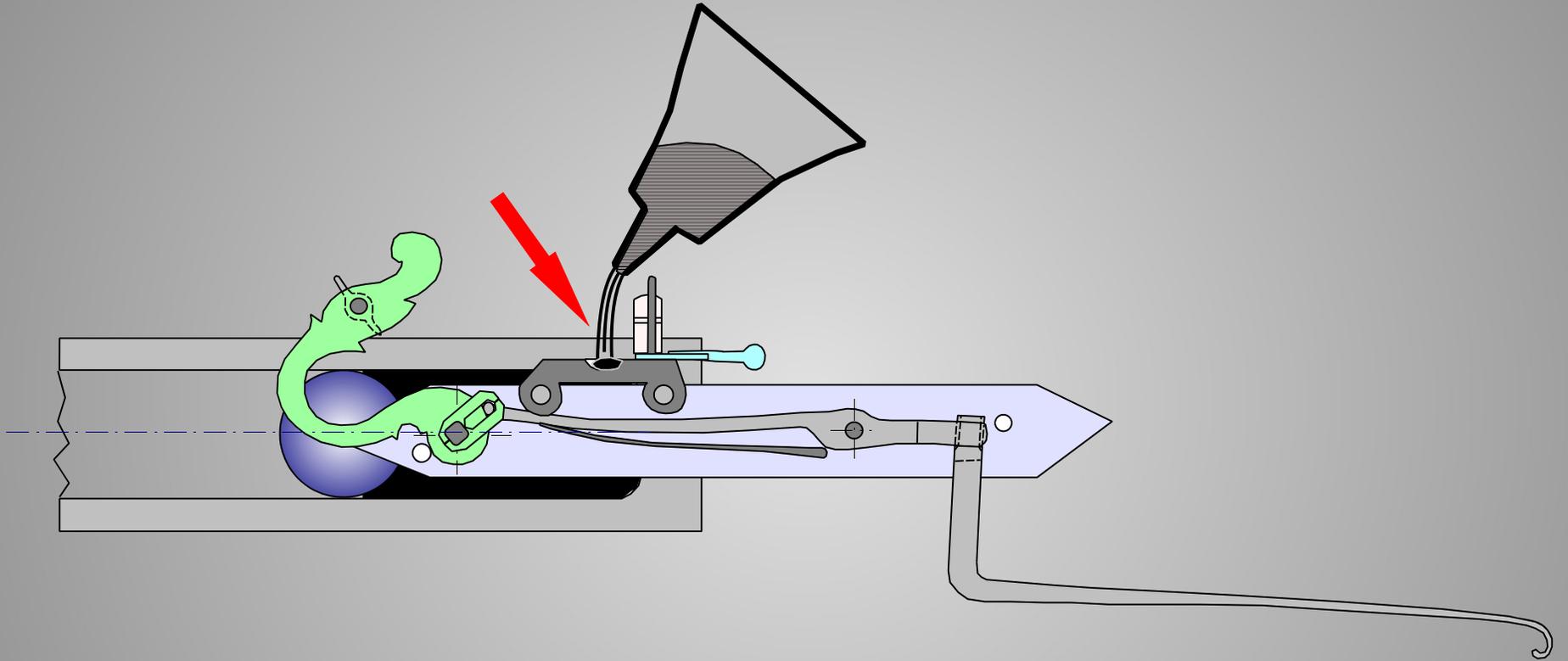


# **Loading of the Musket**

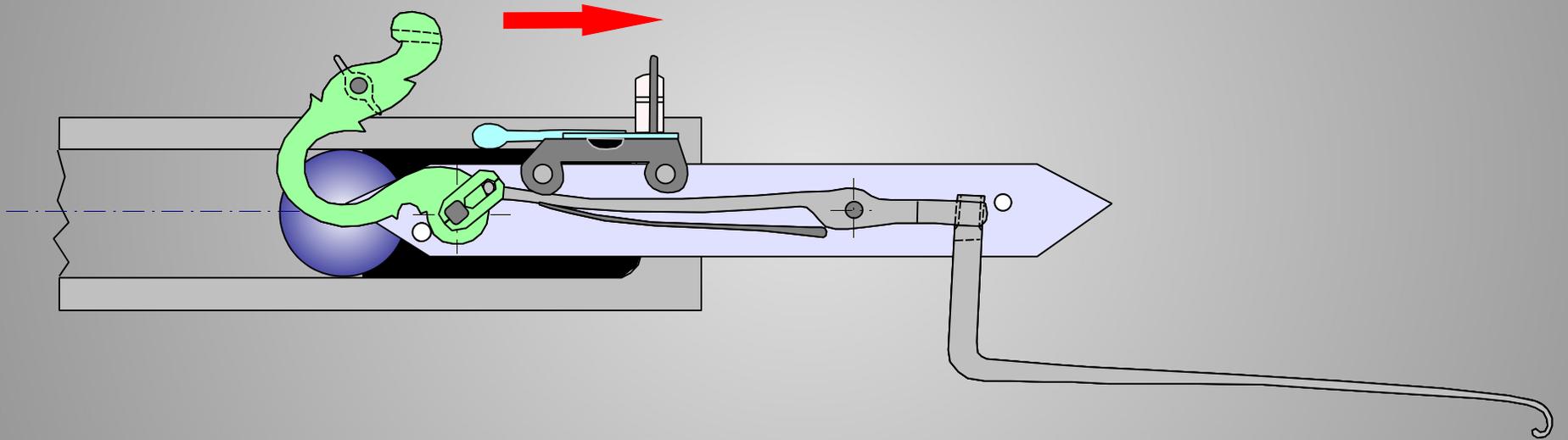
# Barrel loaded with black powder and lead ball



# Pour primer into flash pan

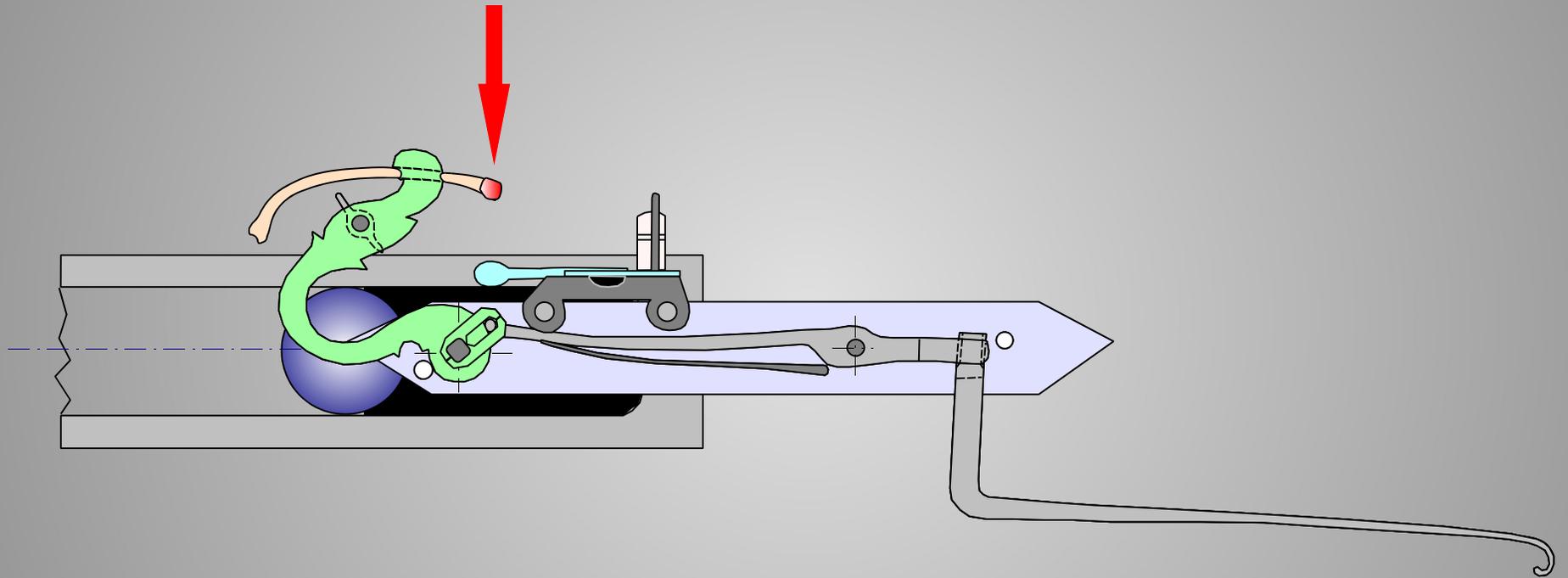


# Close flash pan cover

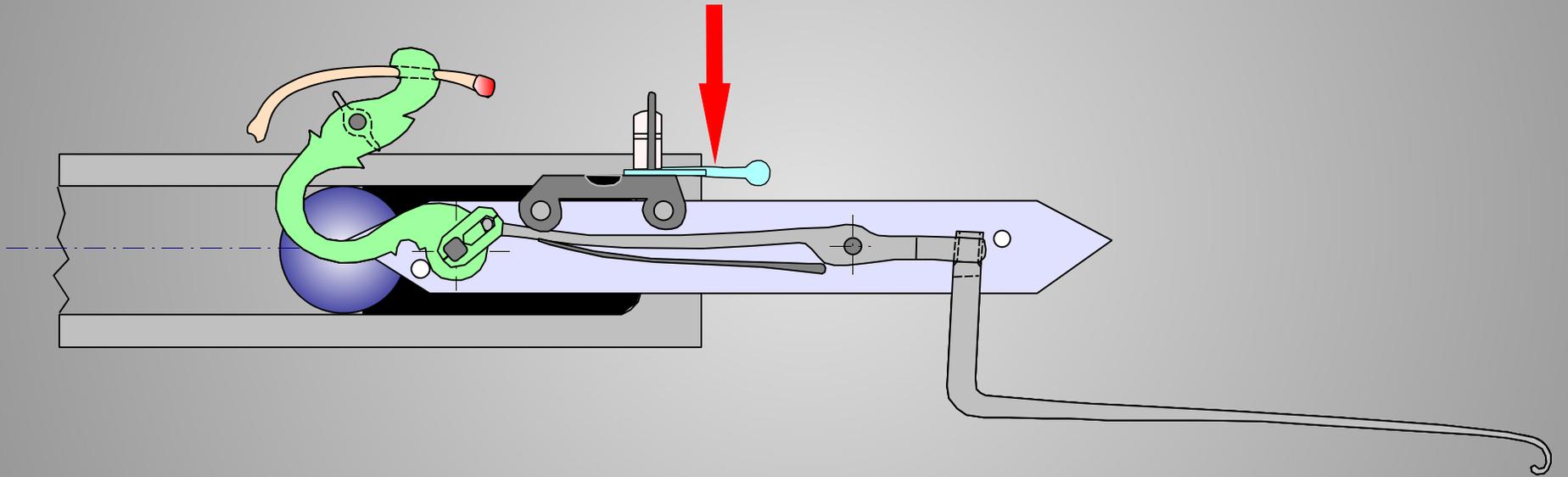


# **Firing of Match Lock Musket**

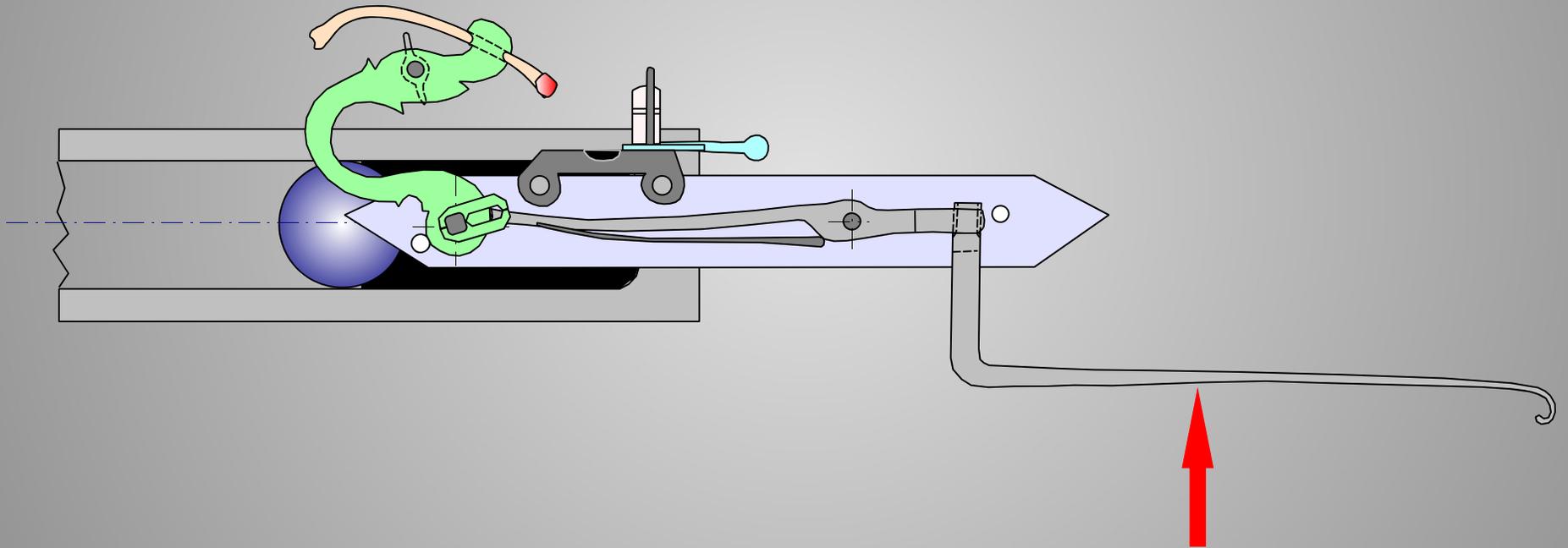
# Glowing match in serpentine



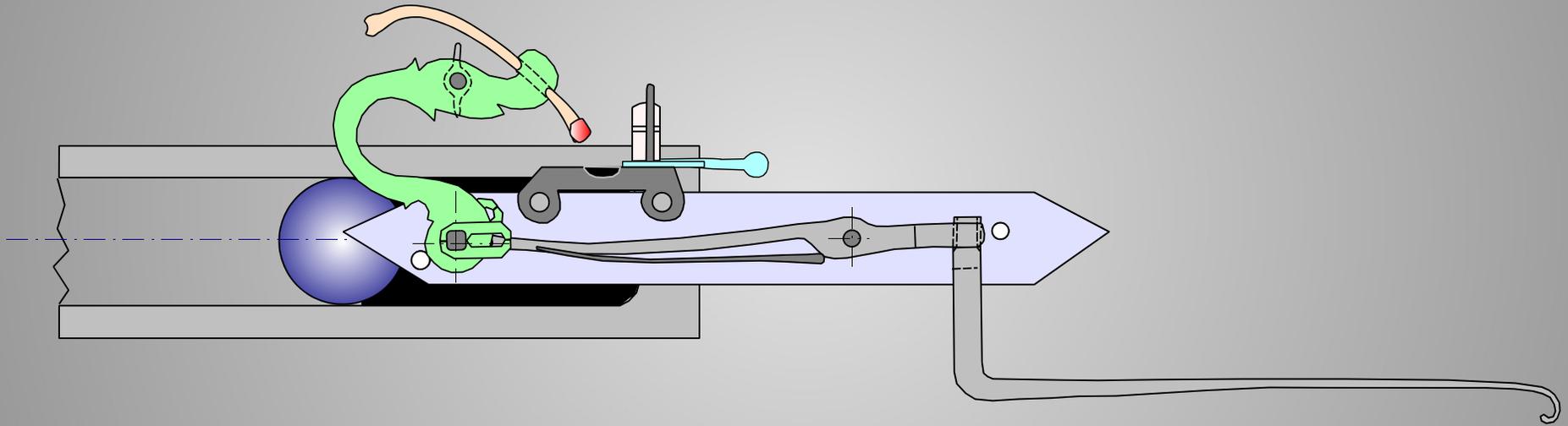
# Open flash pan cover



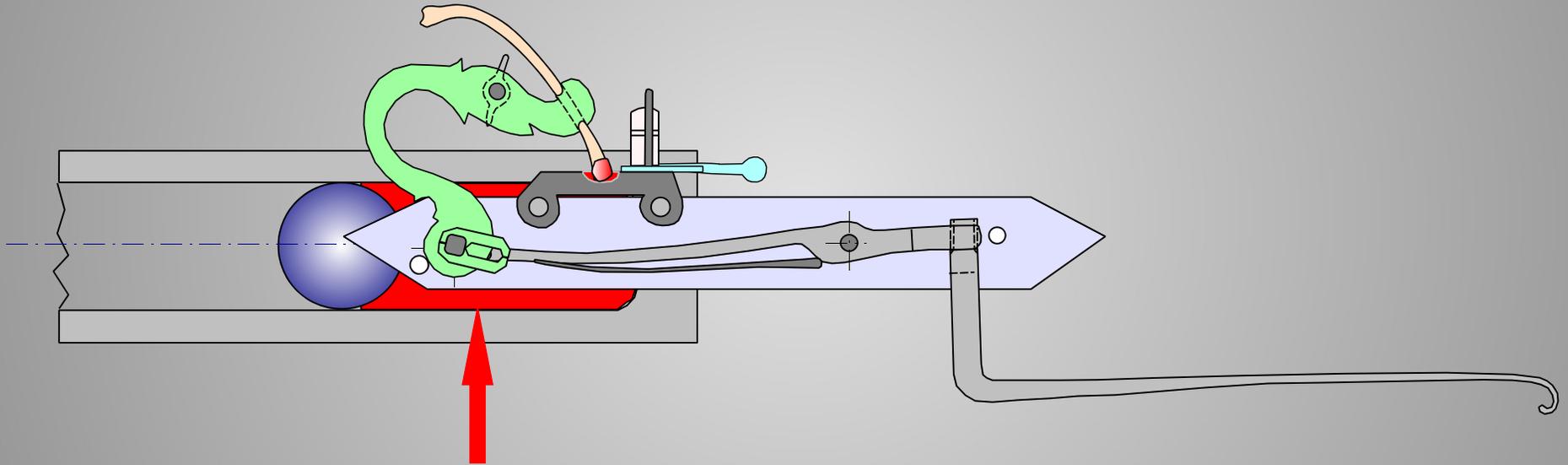
**Pull trigger bar upwards**



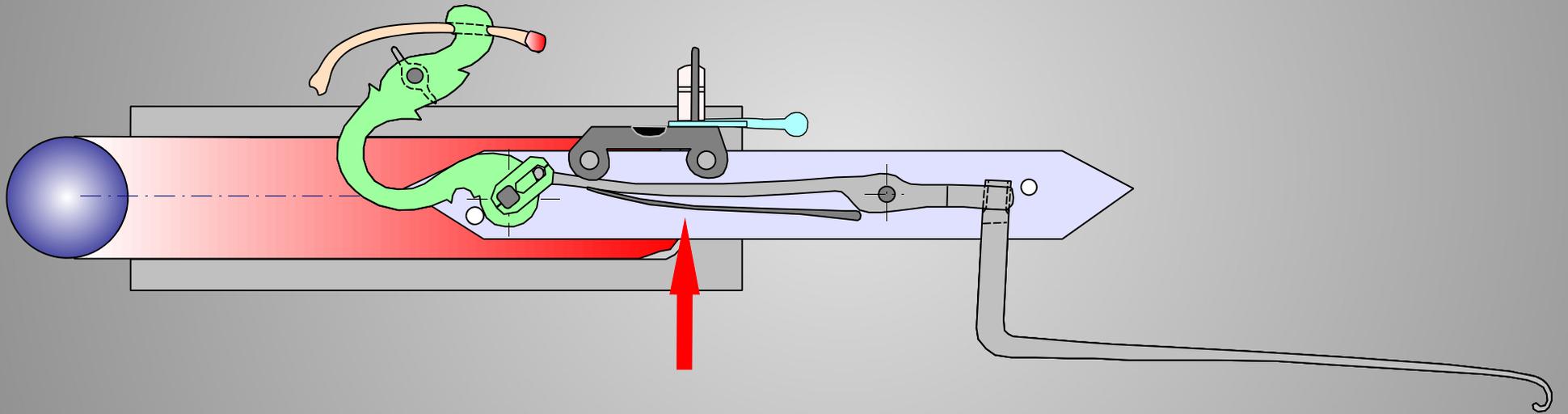
**Pull trigger bar upwards**



# Ignition of black powder



**Bang !!**



Trigger bar and Serpentine goes back to rest position

**End**