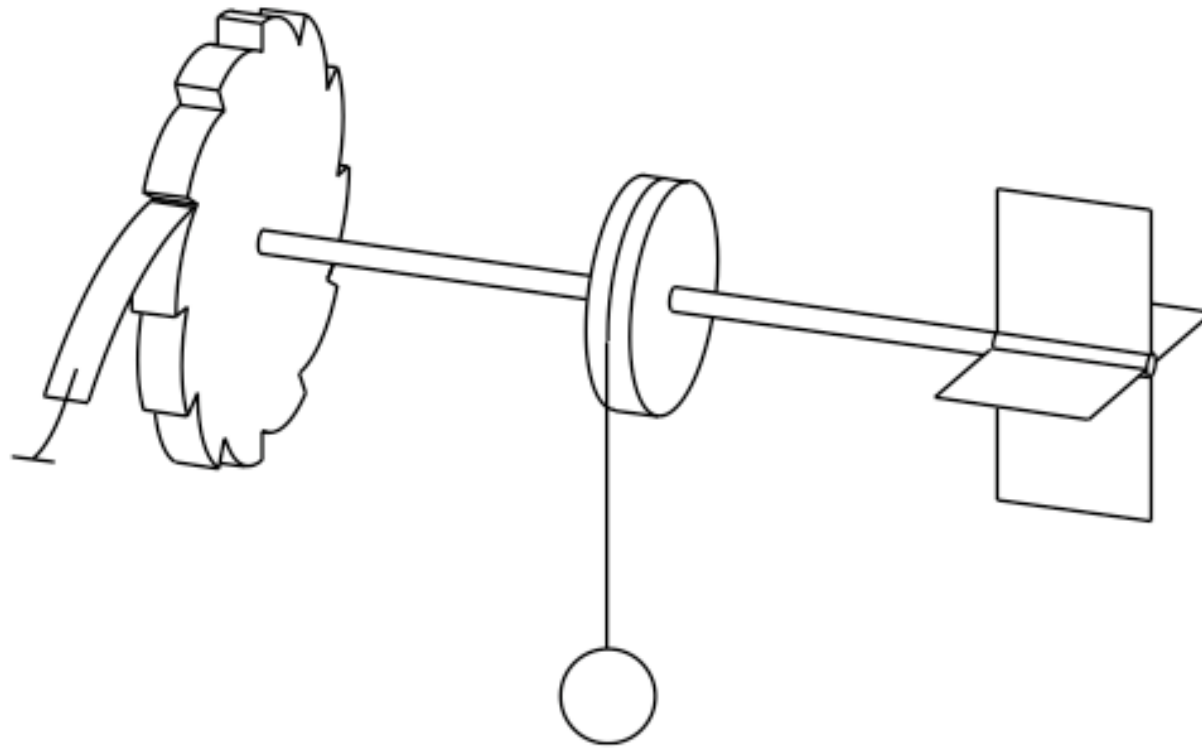
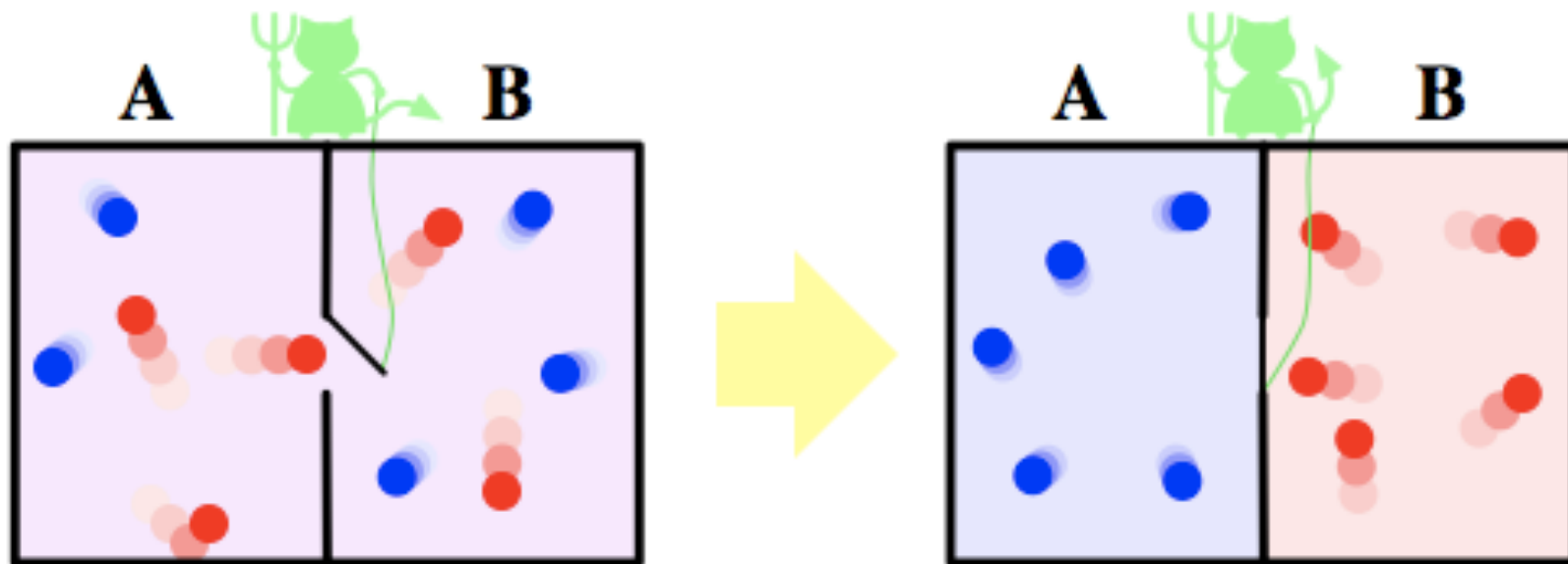


Feynman's Ratchet and Pawl

Smoluchowski (1912)

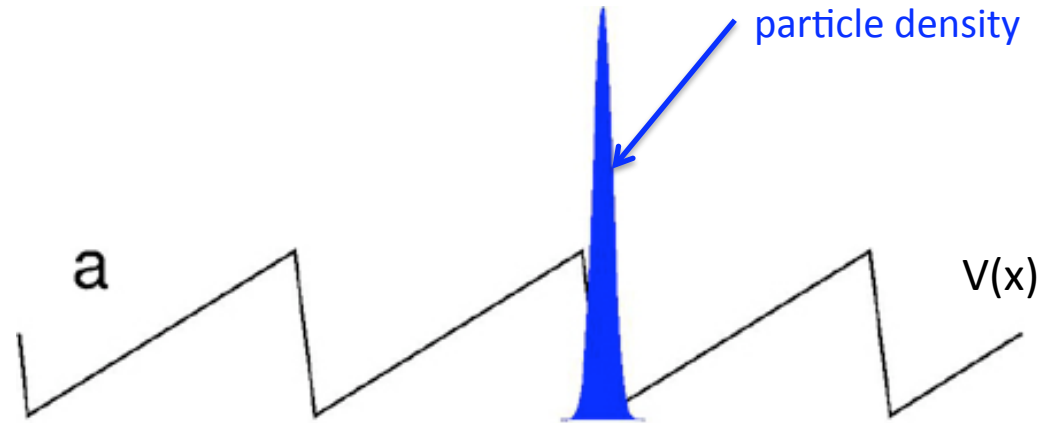


Maxwell's Demon



Flashing Ratchet

potential switched on:
particles at minimum
of potential

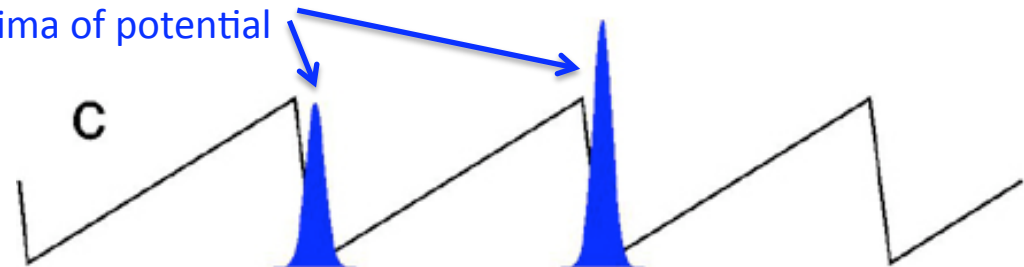


potential switched off:
particles diffuse
(symmetrically)



Potential switched on:
particles at minimum
of potential

particles „captured“ at
minima of potential



Rocking Ratchet

