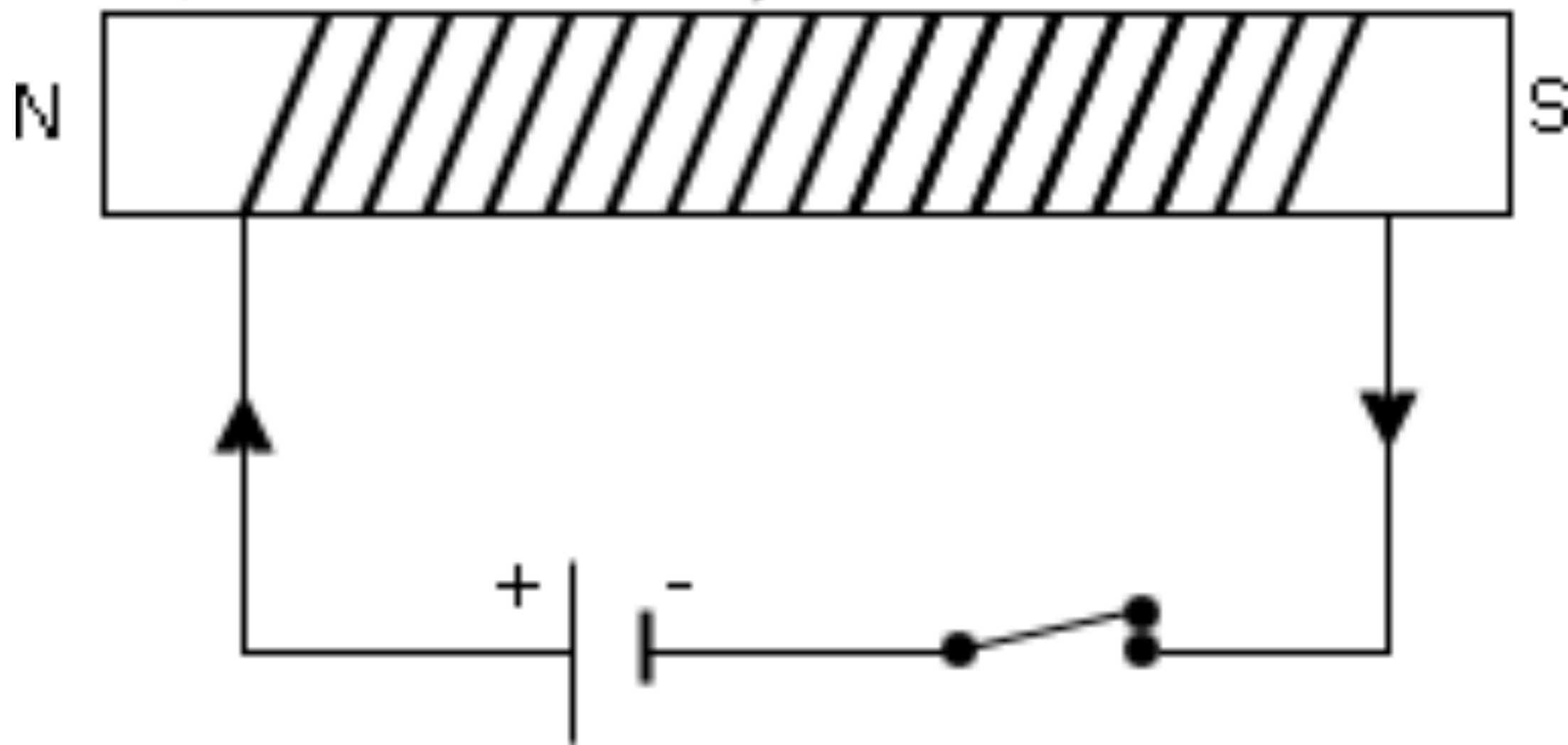


Electromagnetism

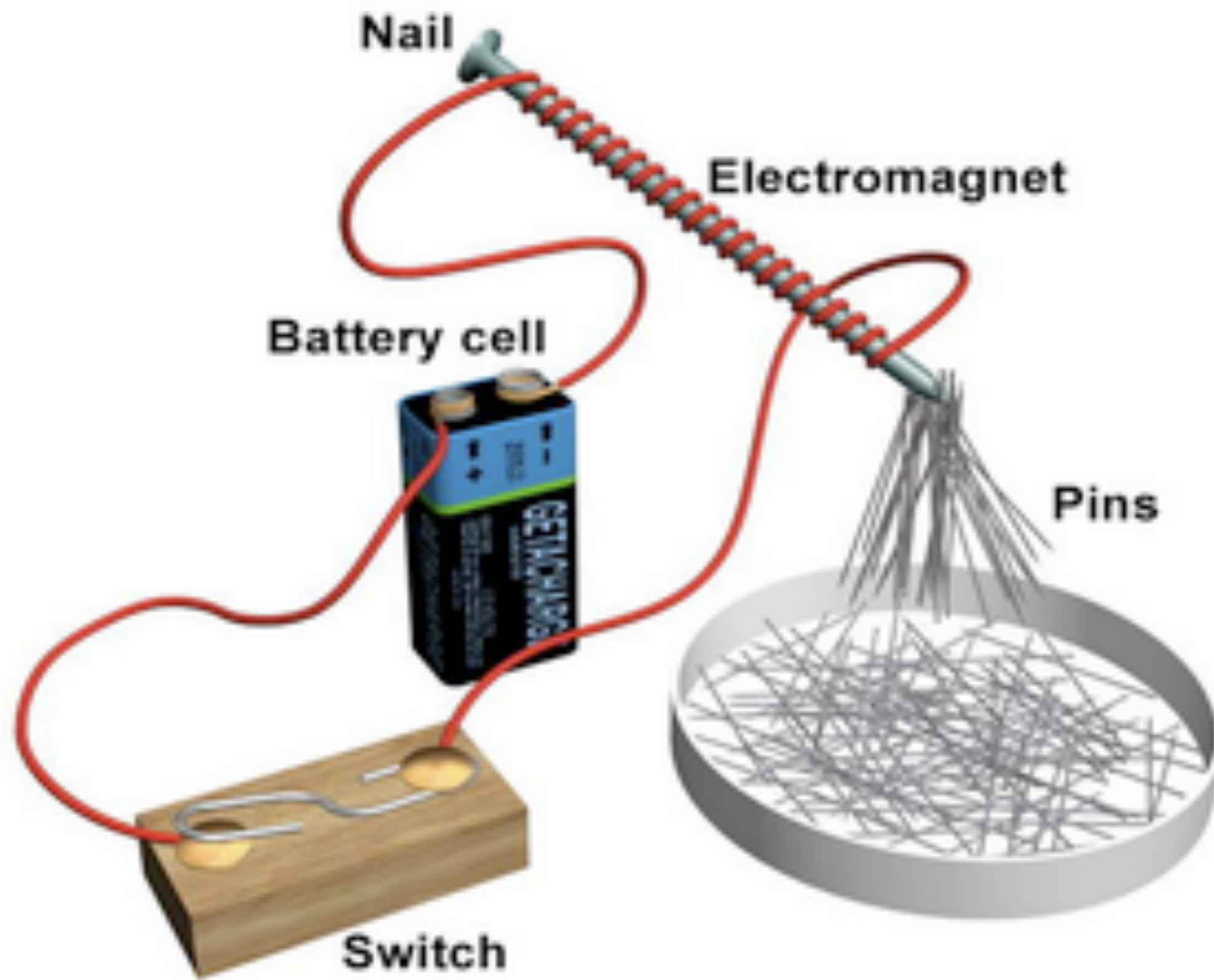
- an electric current (the flow of electrons in a metal) produces a magnetic field)
- changing electric field produces a magnetic field, and that vice-versus, a changing magnetic field produces an electric current
- electromagnet is an iron core which enhances the magnetic field generated by a current flowing through a coil

Soft iron core

Coil of insulated copper wire



Electromagnet



Where do we see this?

- Light!!! (the Electromagnetic waves)
- car generators

