

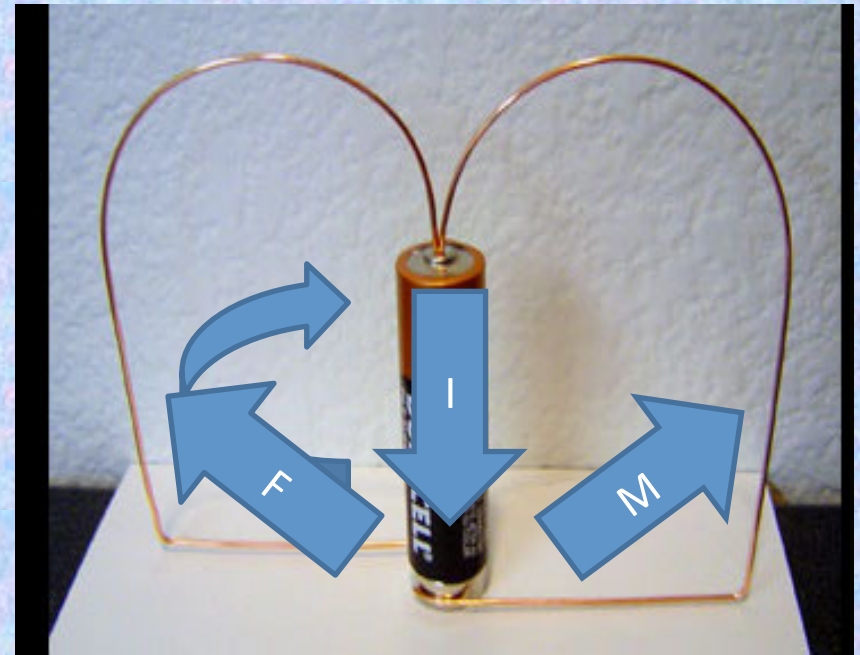
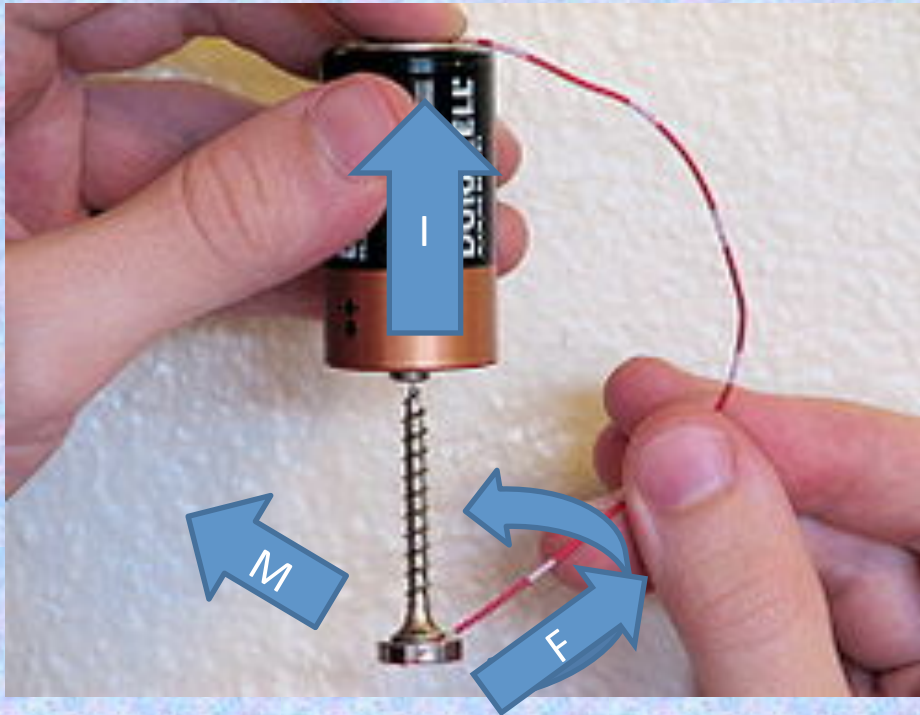
Homopolar Motor

By Yuen Ng

Brief History

- First electrical motor to be built
- Michael Faraday first demonstrated the homopolar motor in 1821, at the Royal Institute in London.

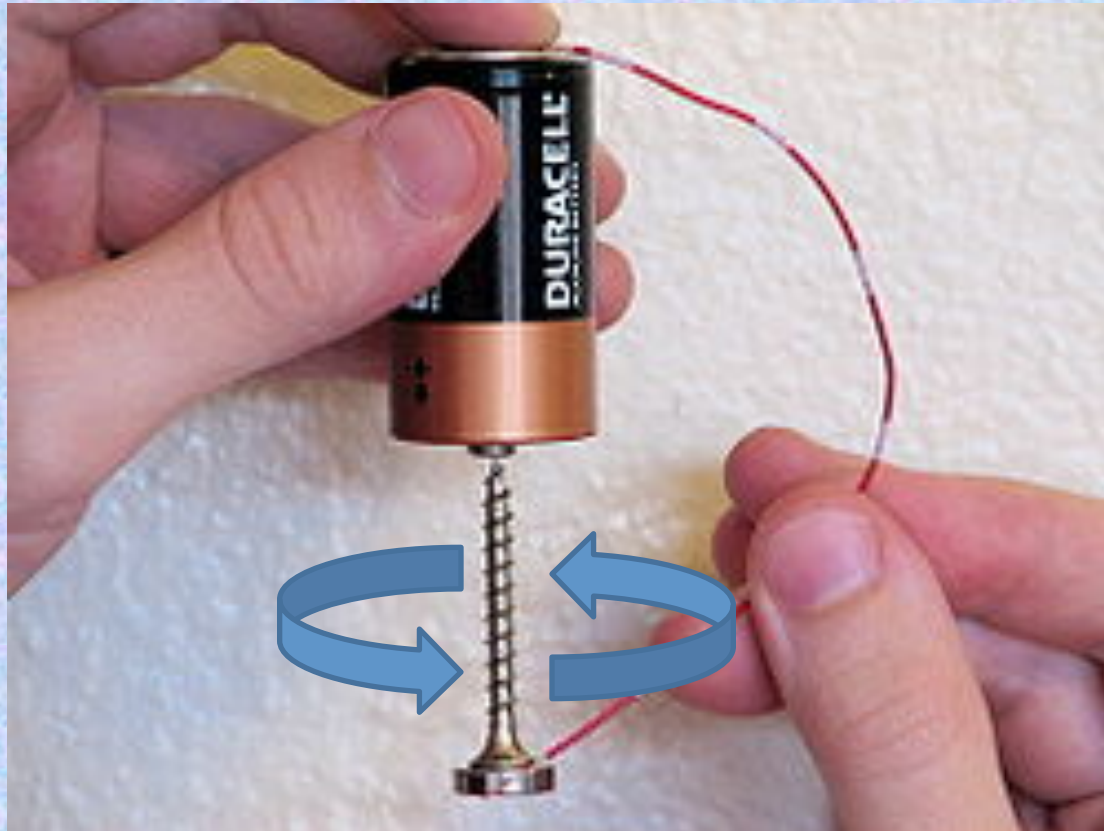
How it works



Interesting Facts

- 10,000RPM with the same setup but using a 'C' battery.
- It is called 'homopolar' because the direction of the magnetic field is fixed and doesn't change.
- A single turn coil means it's not very practical but still good fun!

How to build your own



Magnet direction too. Have screw on negative end to avoid slipping.