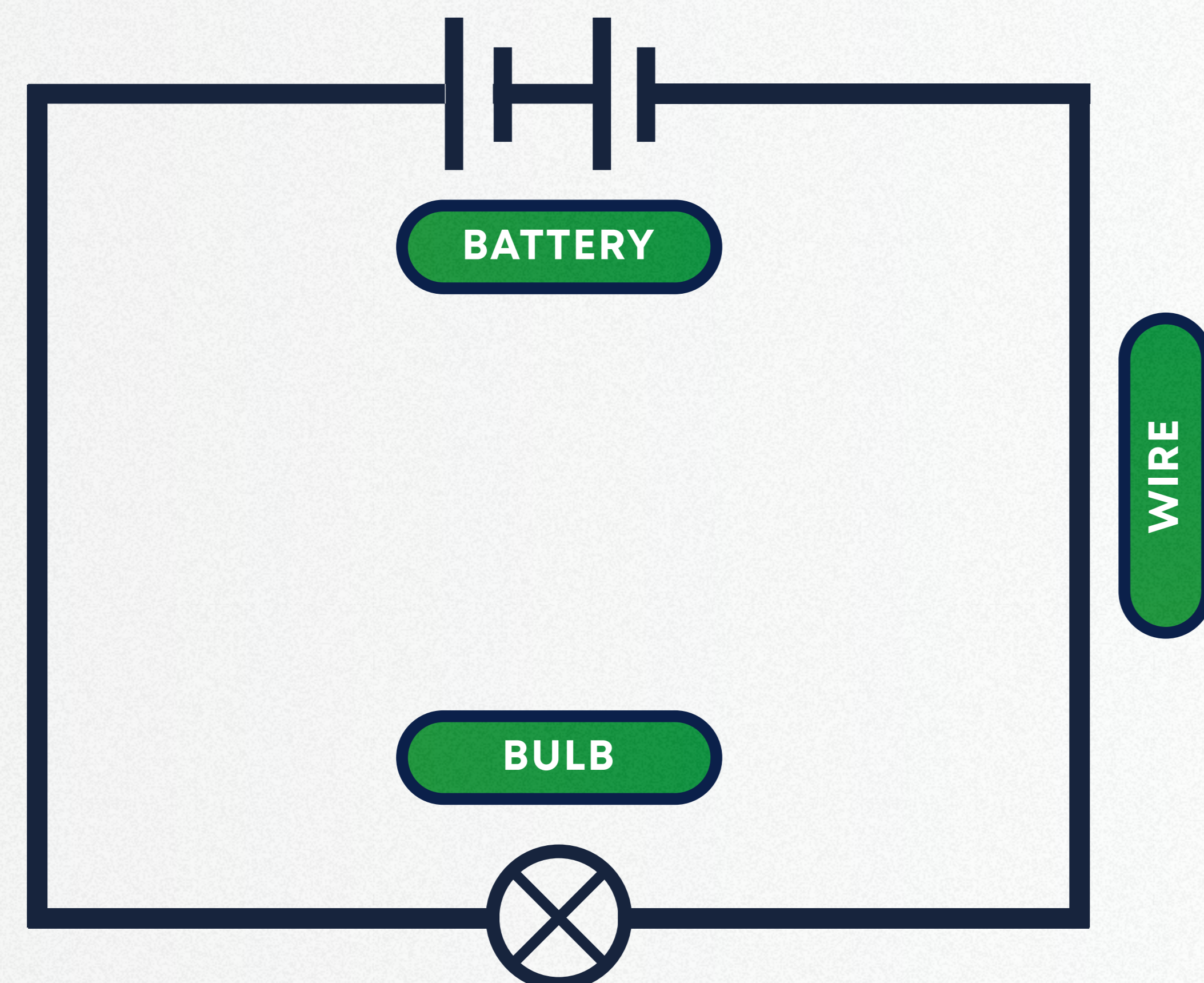




SIMPLE CIRCUIT



KEY VOCABULARY

electricity

electricity is a **form of energy** that helps to make things work

circuit

a **path** which electricity flows around

electrical current

the **flow of electricity** around a circuit

battery

a **store** of energy

light bulb

an electrical component that **converts electrical energy to light** energy

filament

the **part of a light bulb that lights up** when electricity passes through it

switch

an electrical component that can **open or close an electrical circuit**

wire

a **thin piece of metal** (usually covered in plastic) that allows electricity to flow through it

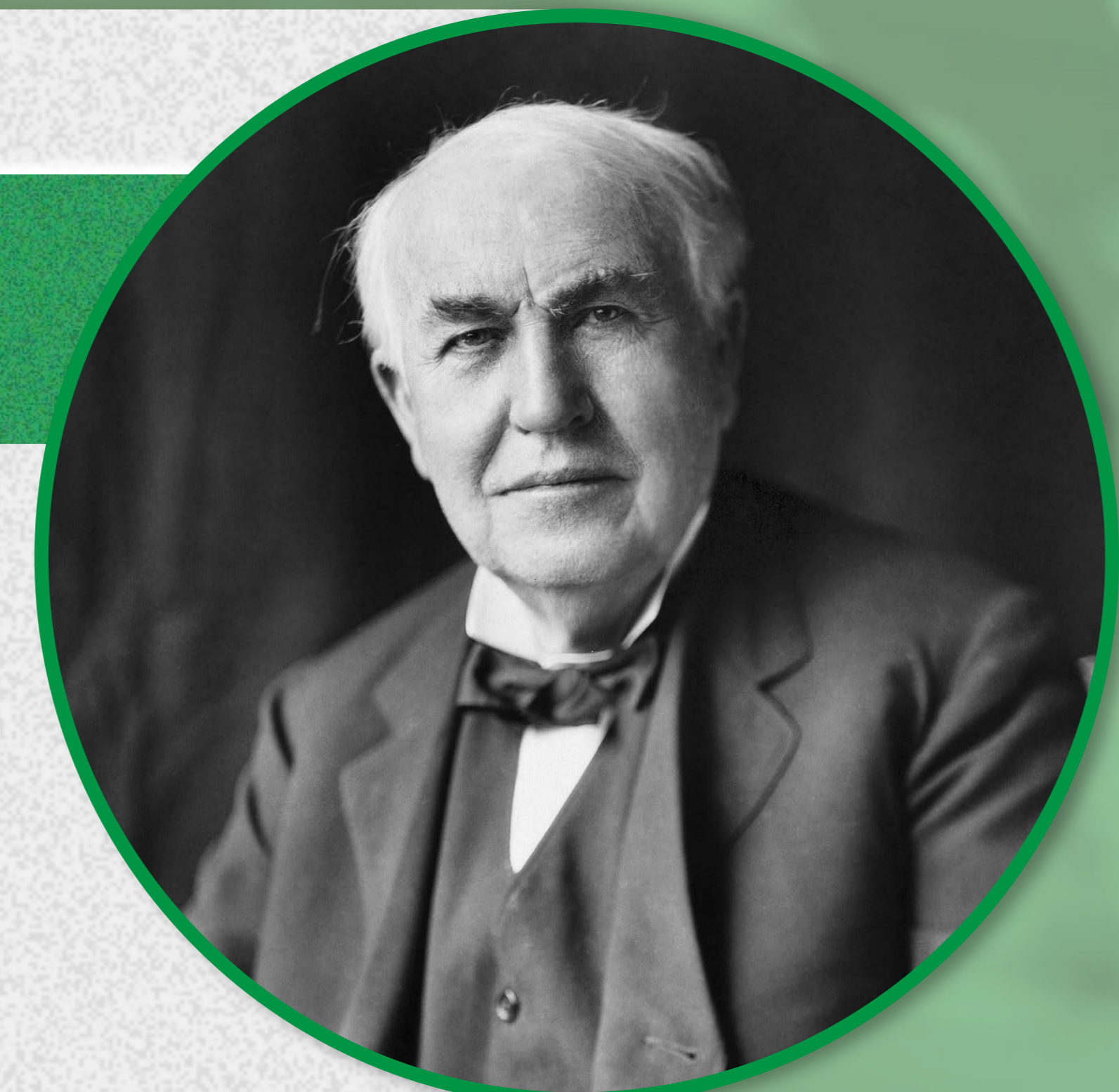
conductor

an electrical conductor **allows electricity to flow** through it

insulator

an electrical insulator **does not allow electricity to travel** through it

Thomas Edison



invented the first lightbulb suitable to use in homes

Lewis Latimer



invented a lightbulb that could stay alight for a long time

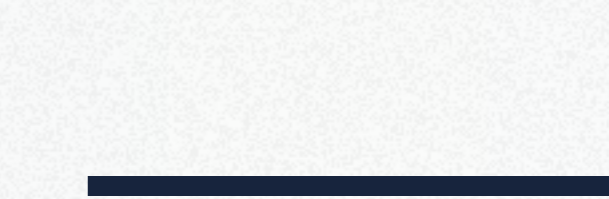
BATTERY



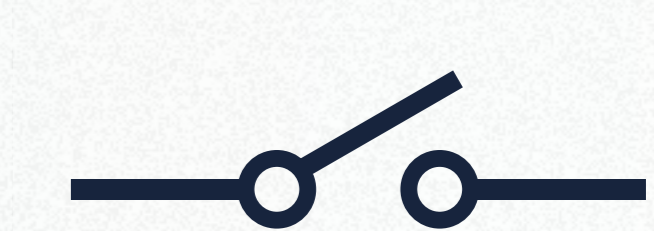
BULB



WIRE



SWITCH



ELECTRICAL SYMBOLS