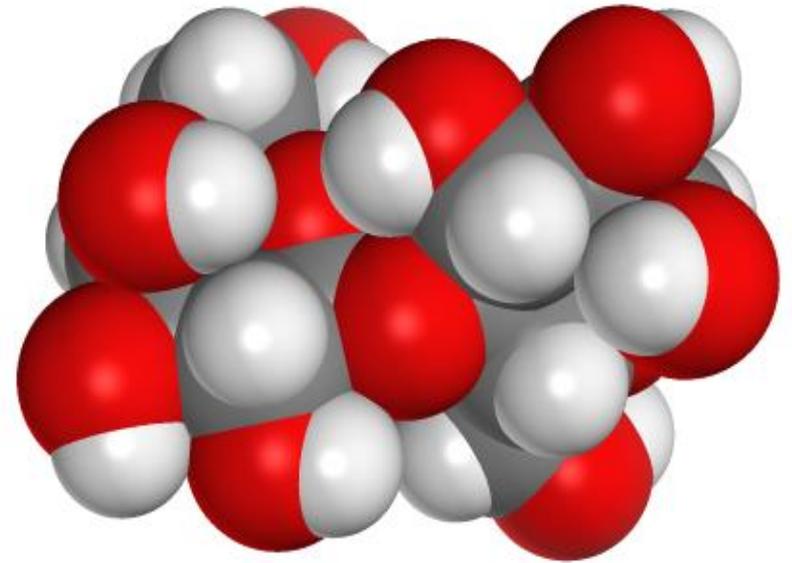
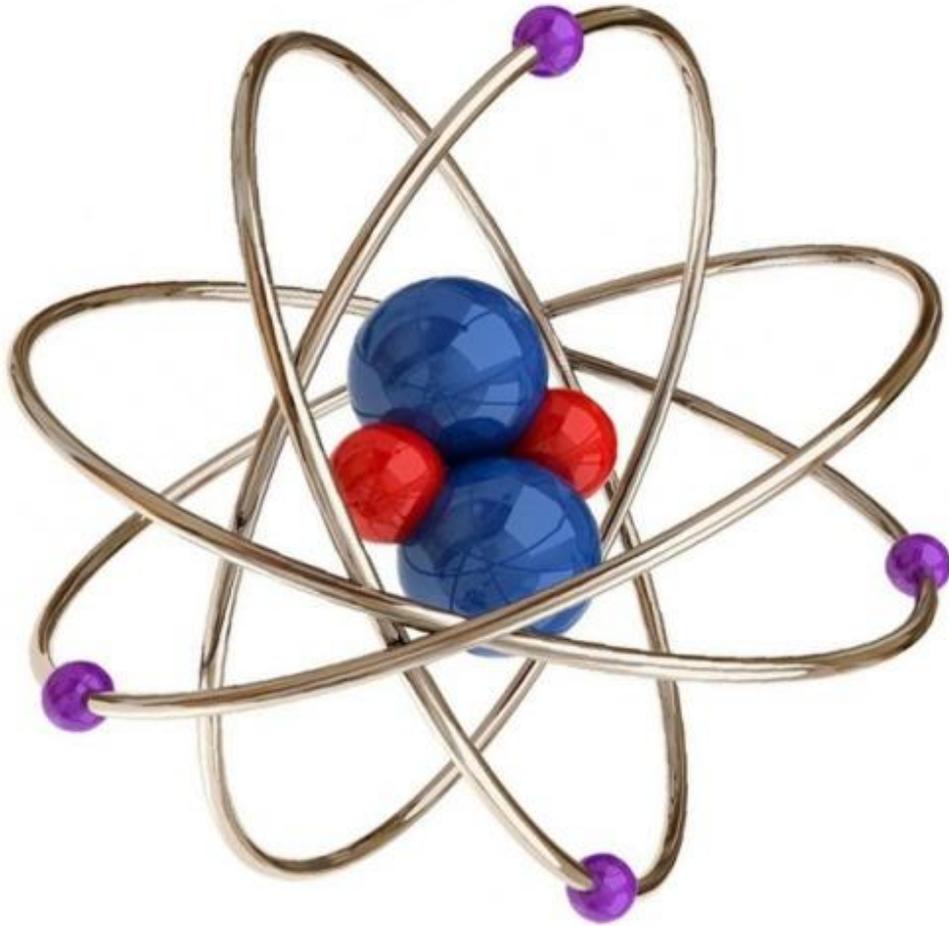


THE BEST ELECTRICIANS



«Electrons» & «Protons»



Competitions:

«Greetings»

«Intellectual»

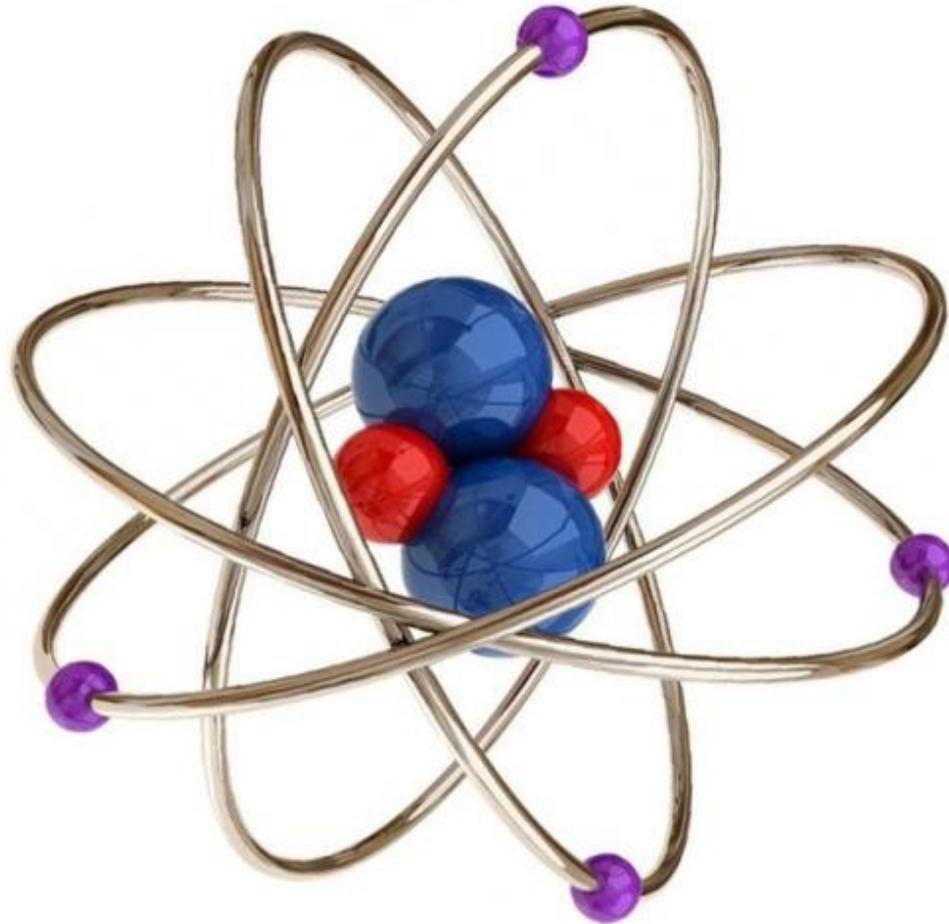
«Captains»

«Crossword»

«What is at the picture?»

«Homework»

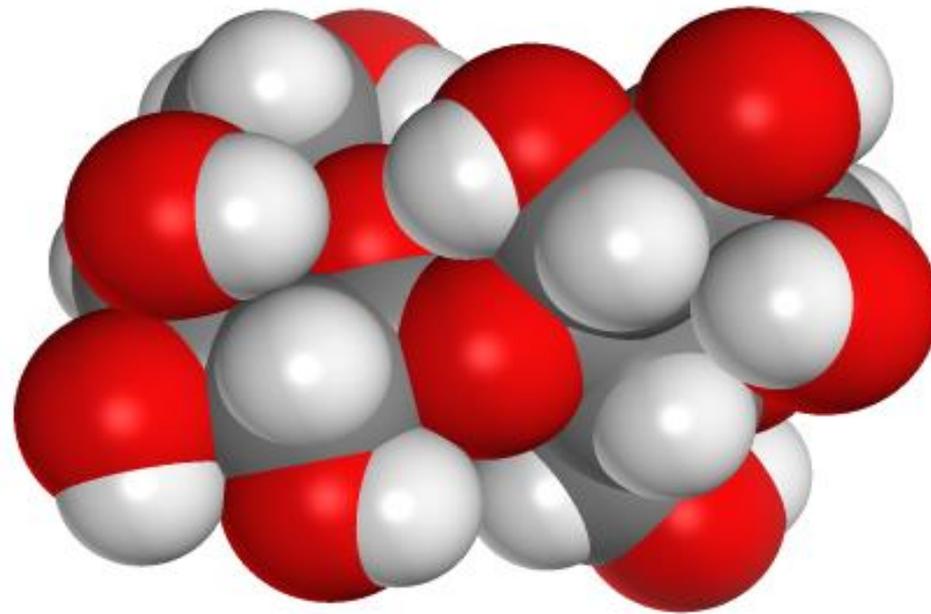
Greeting «Electrons»



Our motto:

We are the finest in the Centre,
We are the cleverest of all,
And no one is an offender,
And anyone makes never fall.

Greeting «Protons»



Our motto:

We are the best guys in the world,
We are good-looking and romantic,
We have talented skills a lot,
The game with us will be fantastic.

Intellectual

«Electrons»

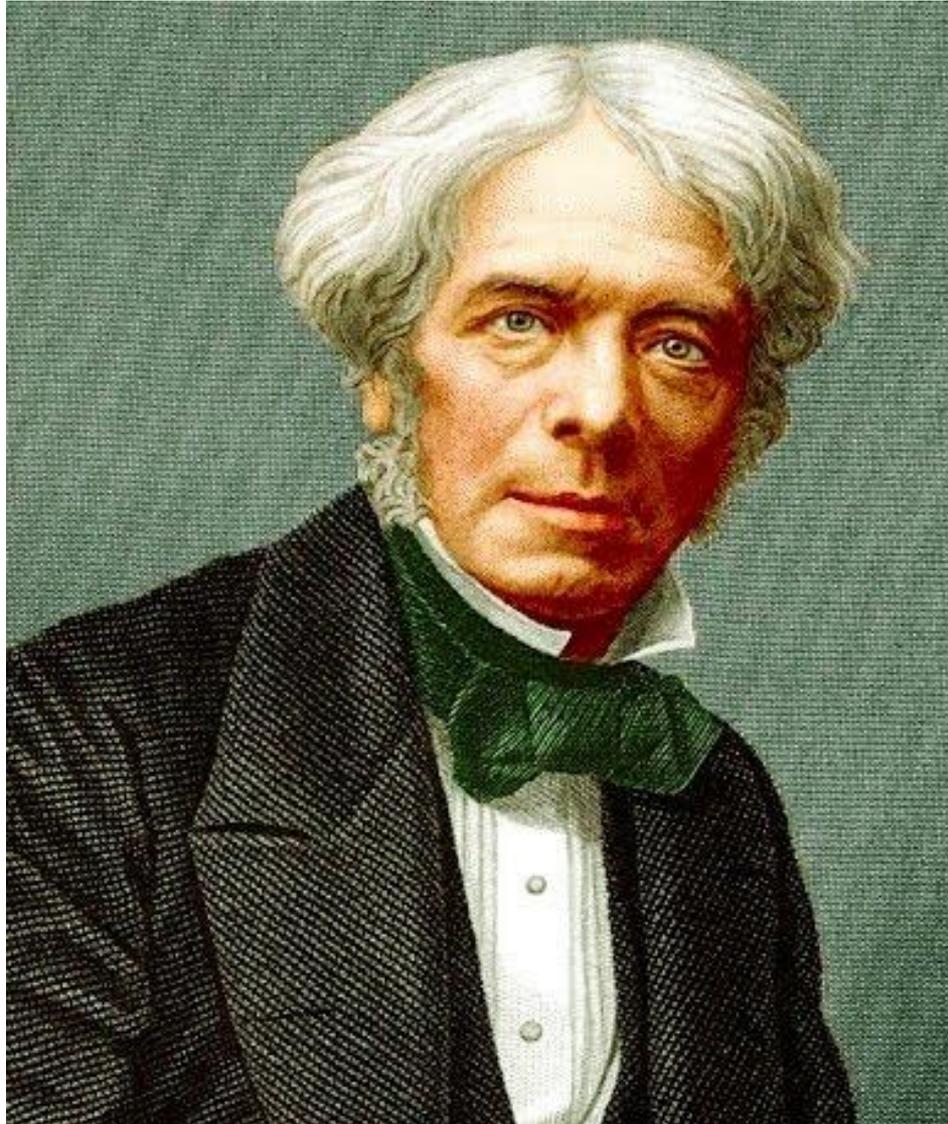
1. What does the word "electricity" mean in our translation?

Amber



2. What is the name of the scientist who built the first electric motor and electric generator?

Michael Faraday



***3. Put the name of
the insulation on
the wire brand AC.***

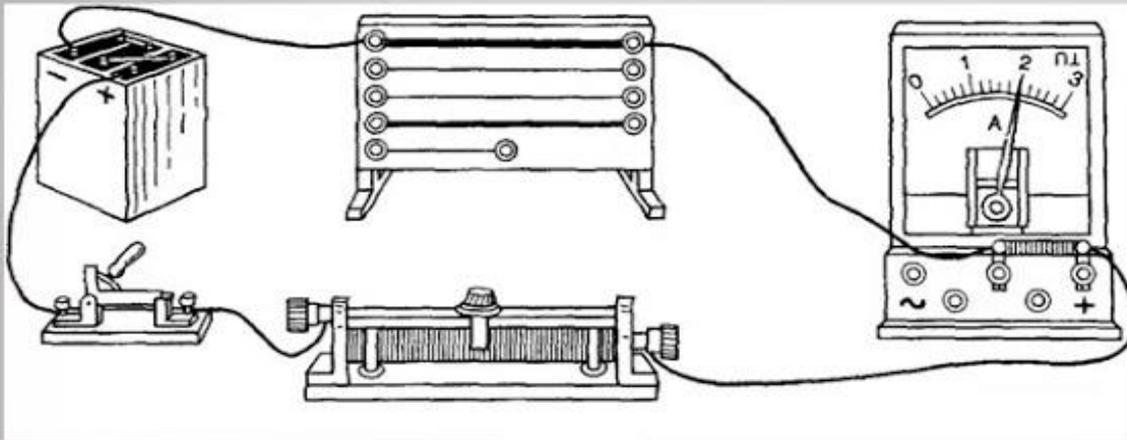
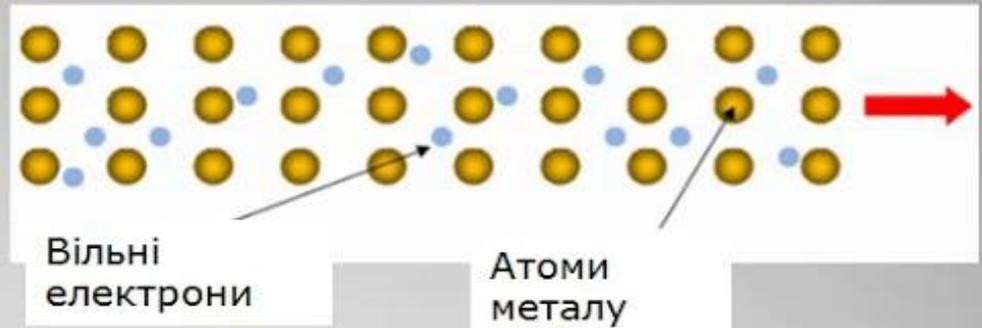
NONE

***4. What is
measured with
a logo meter?***

Resistance

- $R, [R] = 1 \frac{B}{A} = 1 \text{ Ом}$

- $R = \rho \frac{l}{S}$



Електричний опір

***5. What is
measured with
a voltmeter?***

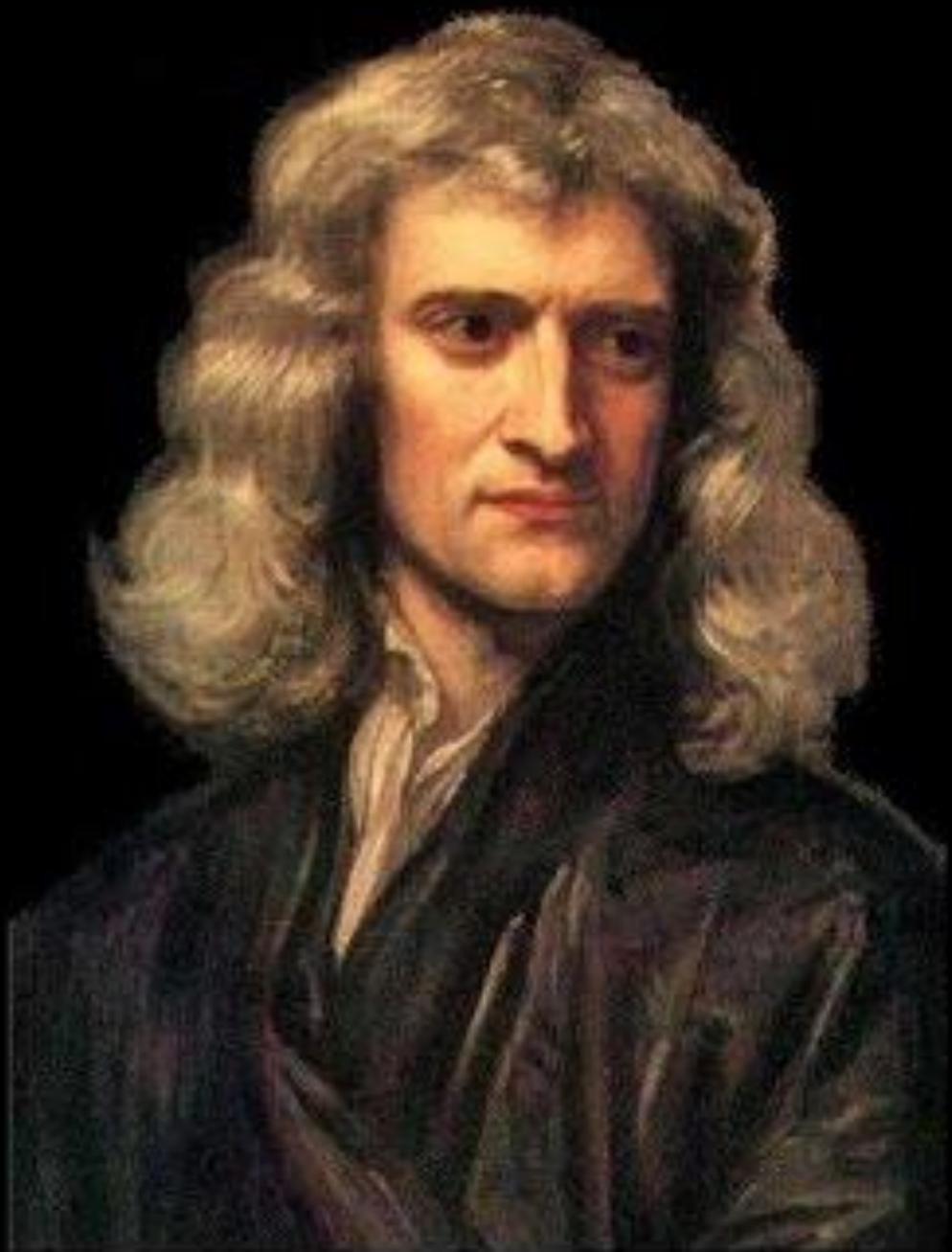


**HIGH
VOLTAGE**

*6. How many
watts are there
per kilowatt?*

1000 W

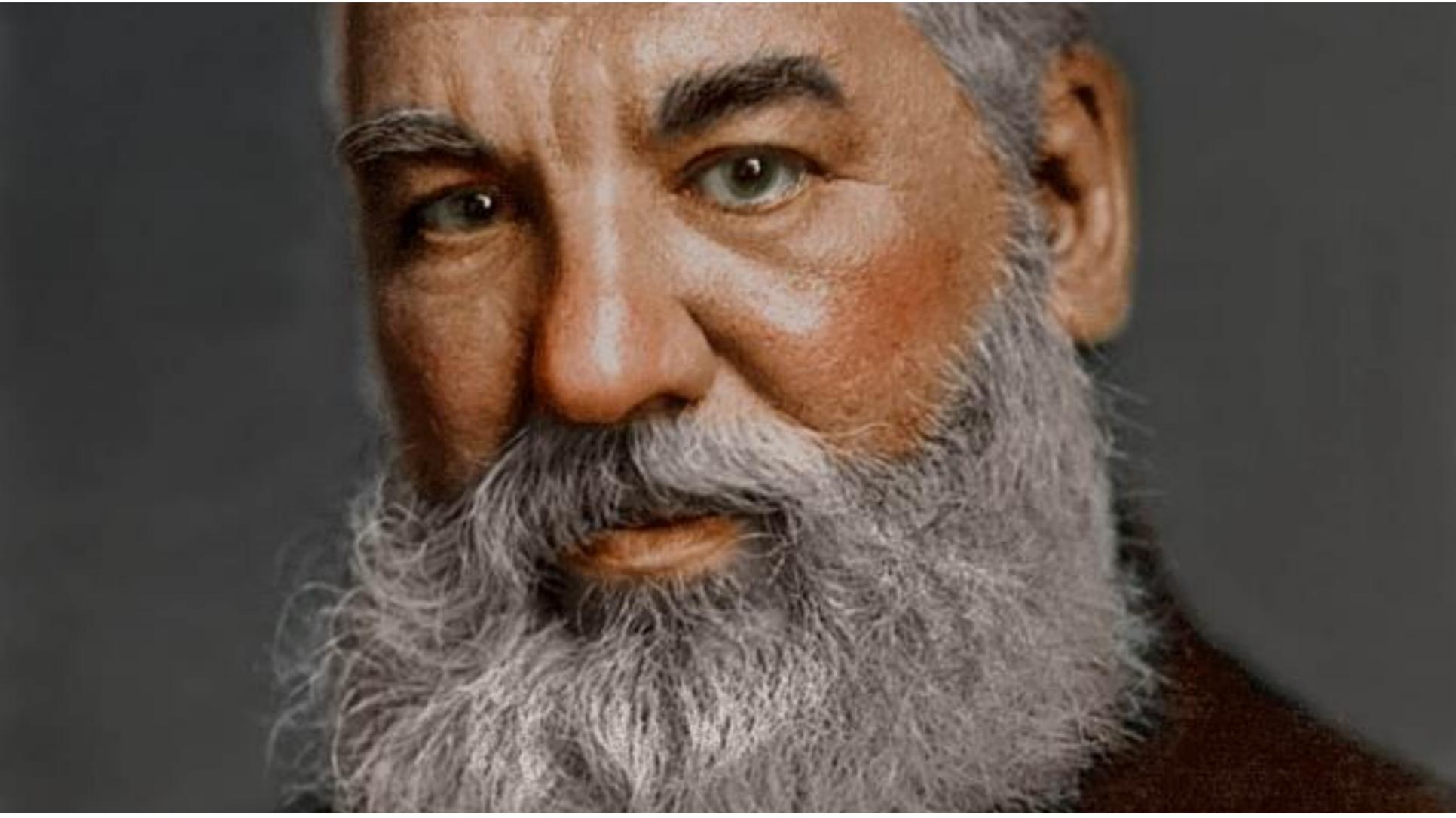
***7. Who had an
apple on the
head?***



**Sir
Isaac
Newton**

**8. *Who is
considered the
"father" of the
phone?***

Alexander Graham Bell



***9. When and
where did the
Internet appear?***

1965,

in the USA

***10. Put the name
of the bird that
winds its nests on
electric poles?***

a stork



«Protons»

1. Who was the creator of the first light bulb?

Thomas Edison



2. Which metal is the best conductor of electric current?

79

Au

Gold

196.967

***3. What is the
name of the
German physicist
Ohm?***



***4. Who invented the
bicycle?***

Carl Drais, in 1815

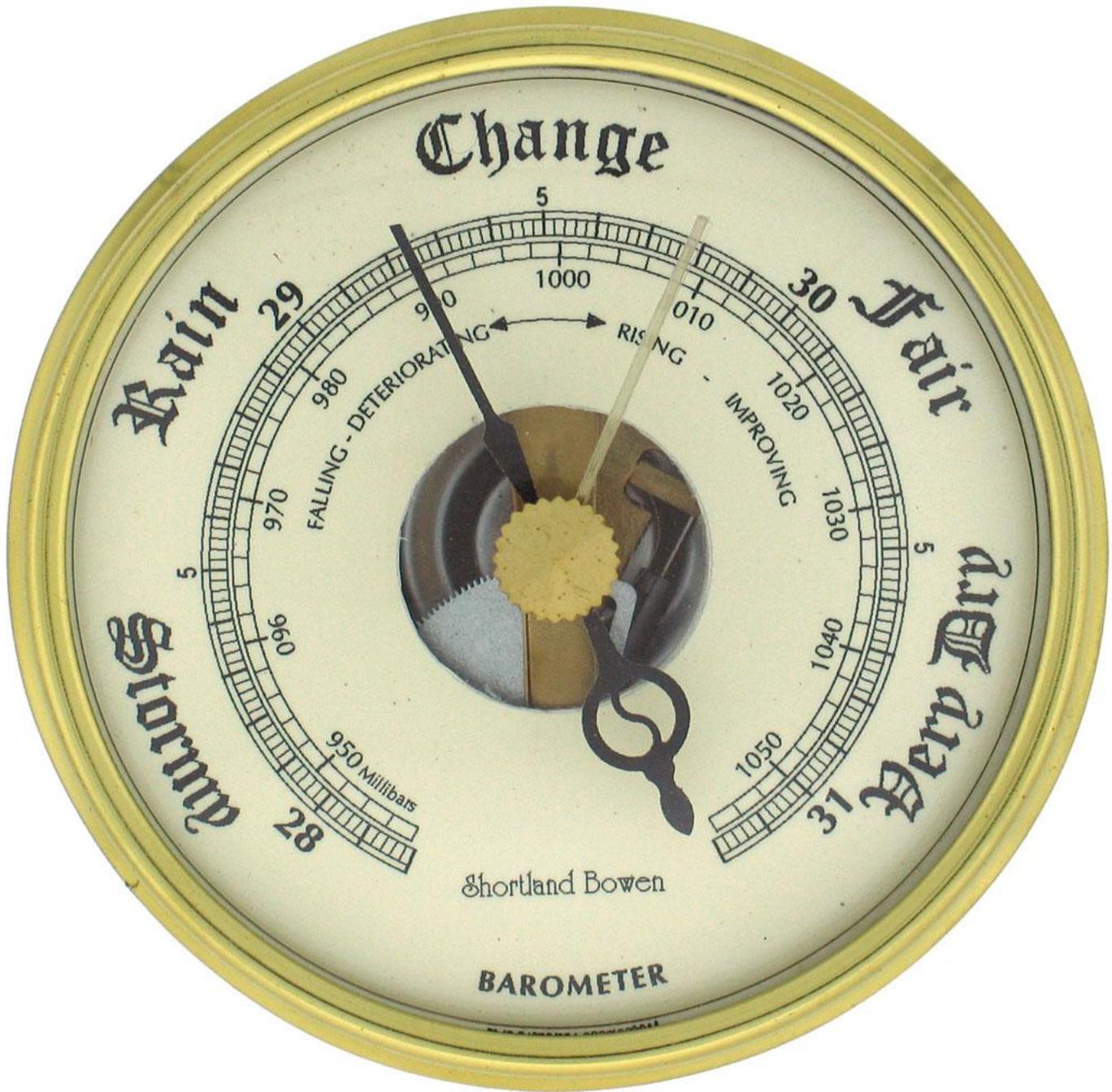


***5. Who invented
the phonograph?***

THOMAS EDISON: The Great Inventor



***6. What device
measures
atmospheric
pressure?***



Change

Rain

Fair

Storm

Very Dry

Shortland Bowen

BAROMETER

7. What electrical device protects the line from overvoltage?

A circuit breaker



***8. What was
the first
mirror?***

WATER



***9. Where can
you see
yourself?***

In the mirror



***10. When did the
Chernobyl nuclear
power plant
explode?***

In 1986

The captain of «Electrons»

**1. He climbs on a pillar
on claws.**

He cuts the wires.

Who is this?

Maybe a thief?

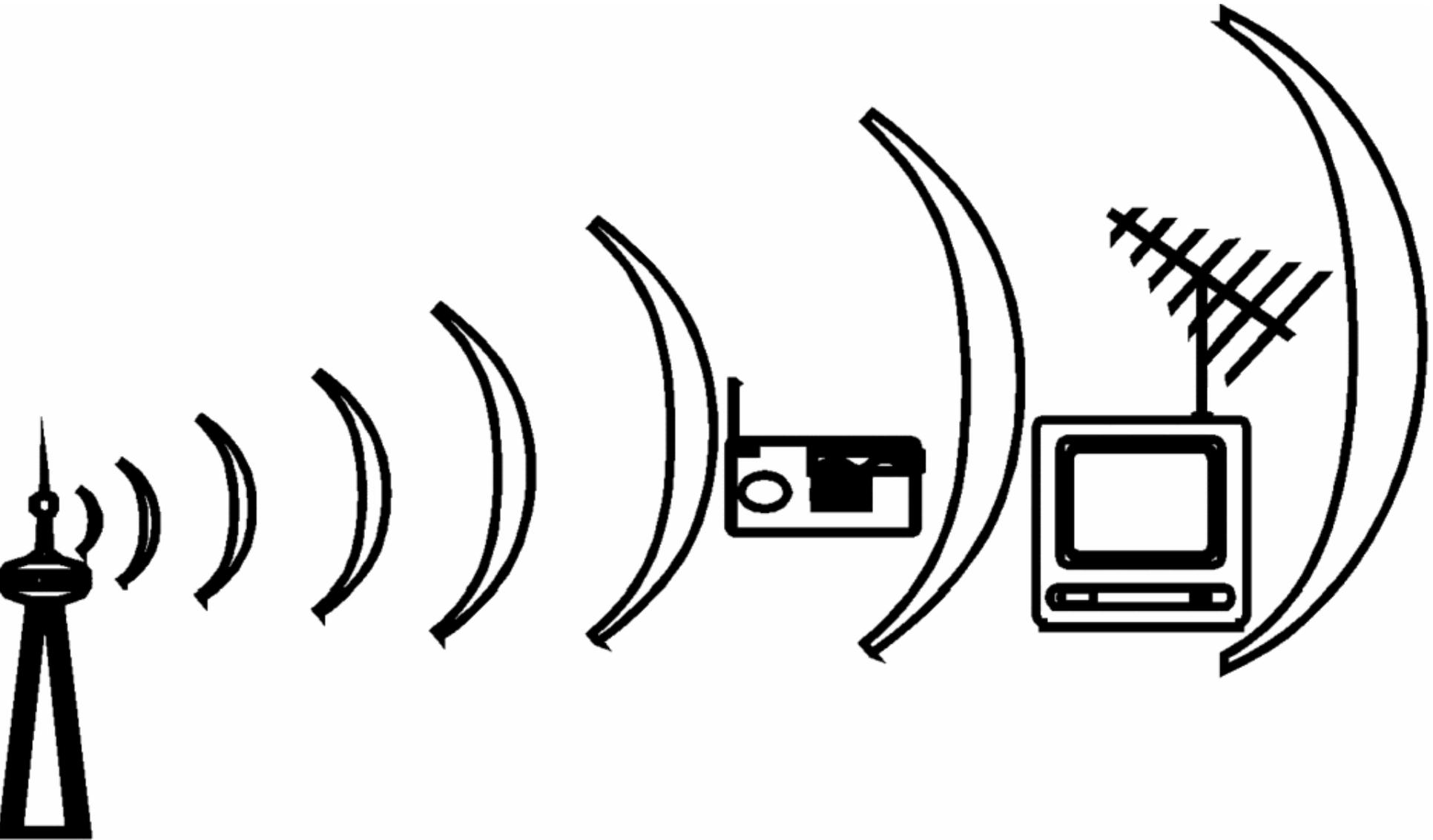
A
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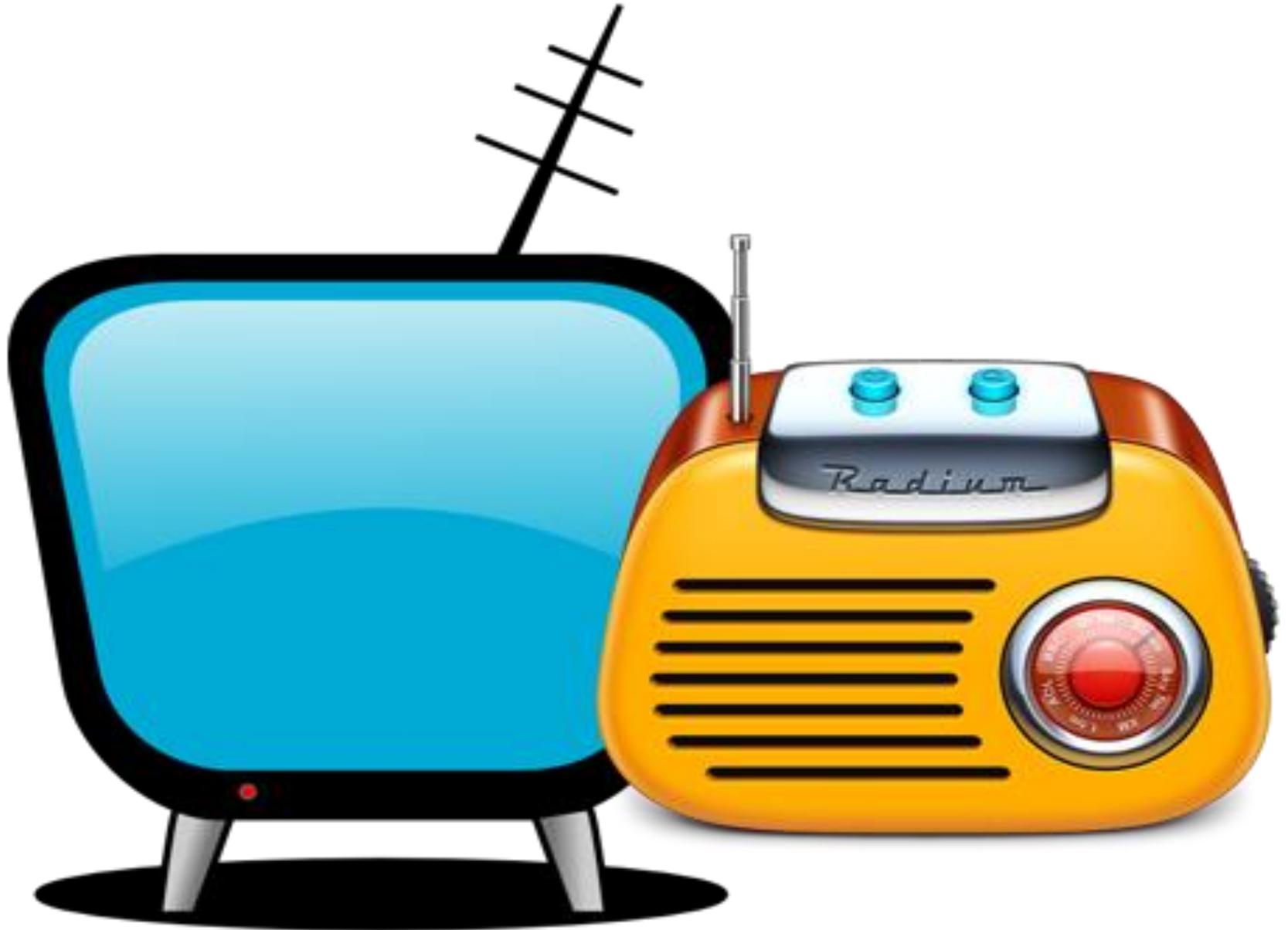
**2. Without legs,
but running,
without a head,
but shouting.**

A radio wave



**3. It lives without a
tongue, does not eat or
drink, but it speaks and
sings.**

A TV-set or a radio



**4. Dad wears a strange box.
The voice of the mother can
be heard from it. Dad just
says, “Hello!”**

**“Hello!” - he hears in a
moment.**

A mobile phone



**5. What is this miracle
unit?**

**Can do everything:
sing, play, read, count,
become your best
friend.**

A computer



Captain

«Protons»

**1. It has got a big drum,
although it does not play in
the orchestra. It turned the
drum, and the linen is snow-
white.**

A washing machine



**2. The pear is
hanging, but we
can't eat it.**

A light bulb



**3. It strokes
everything it
touches, and if you
touch, it bites.**

AN IRON



4. I'm standing on the roof, hanging my ears, hearing the signals from satellites all day and night.

An antenna



**5. What shines
but does not
heat?**

An opened refrigerator

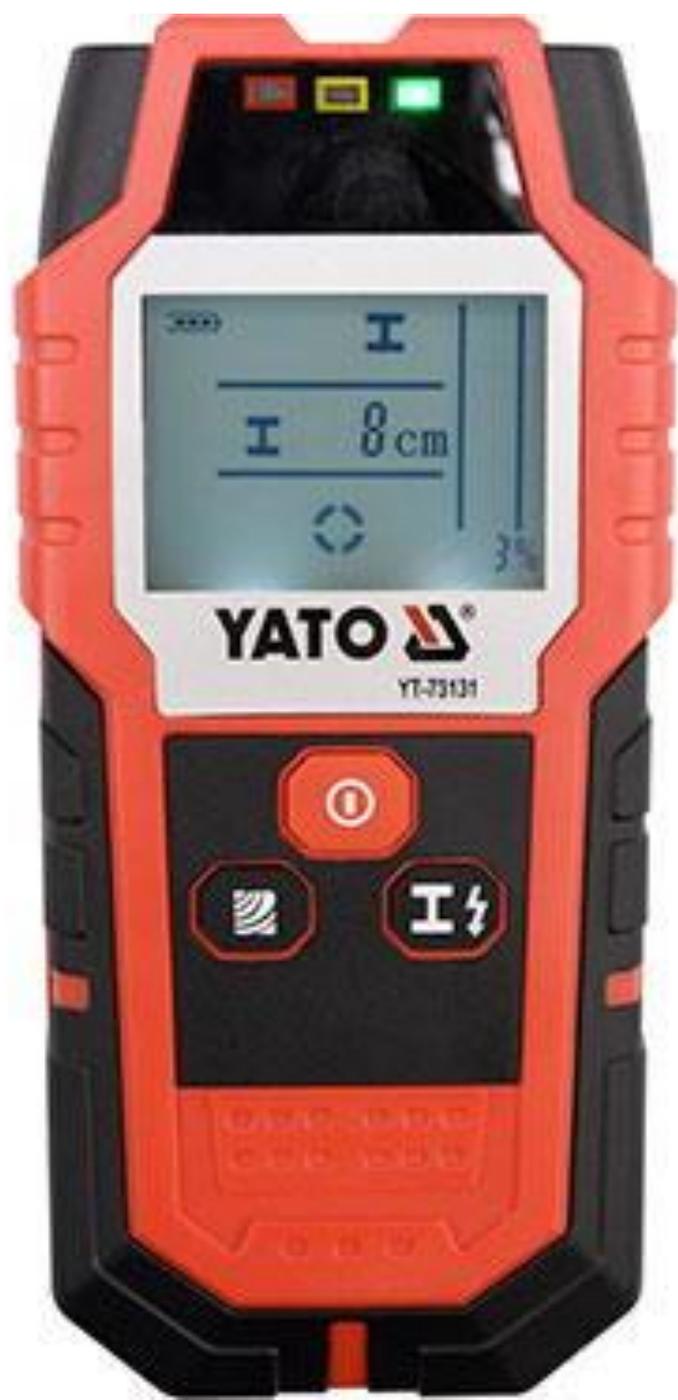


What is at
the picture?



A screwdriver



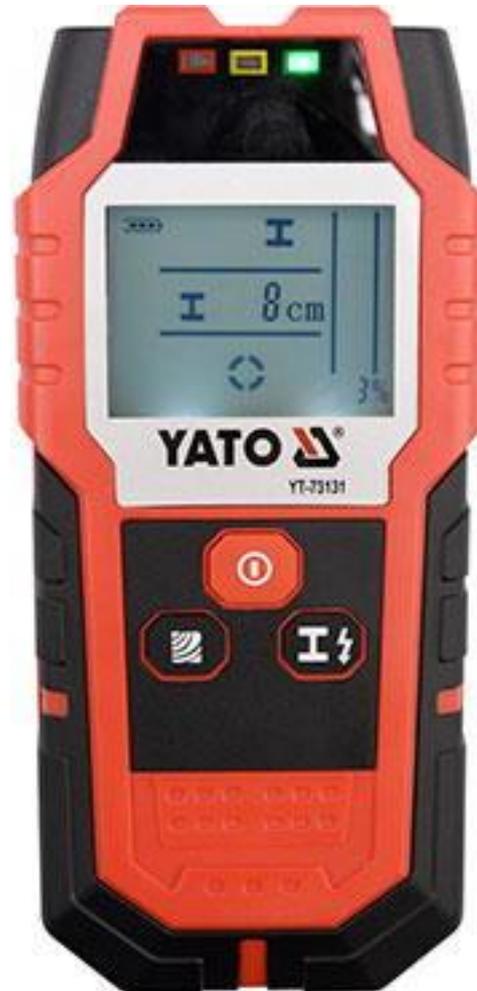


8 cm

YATO
YT-73131

I
I ⚡
I [square wave]

An indicator





Pliers





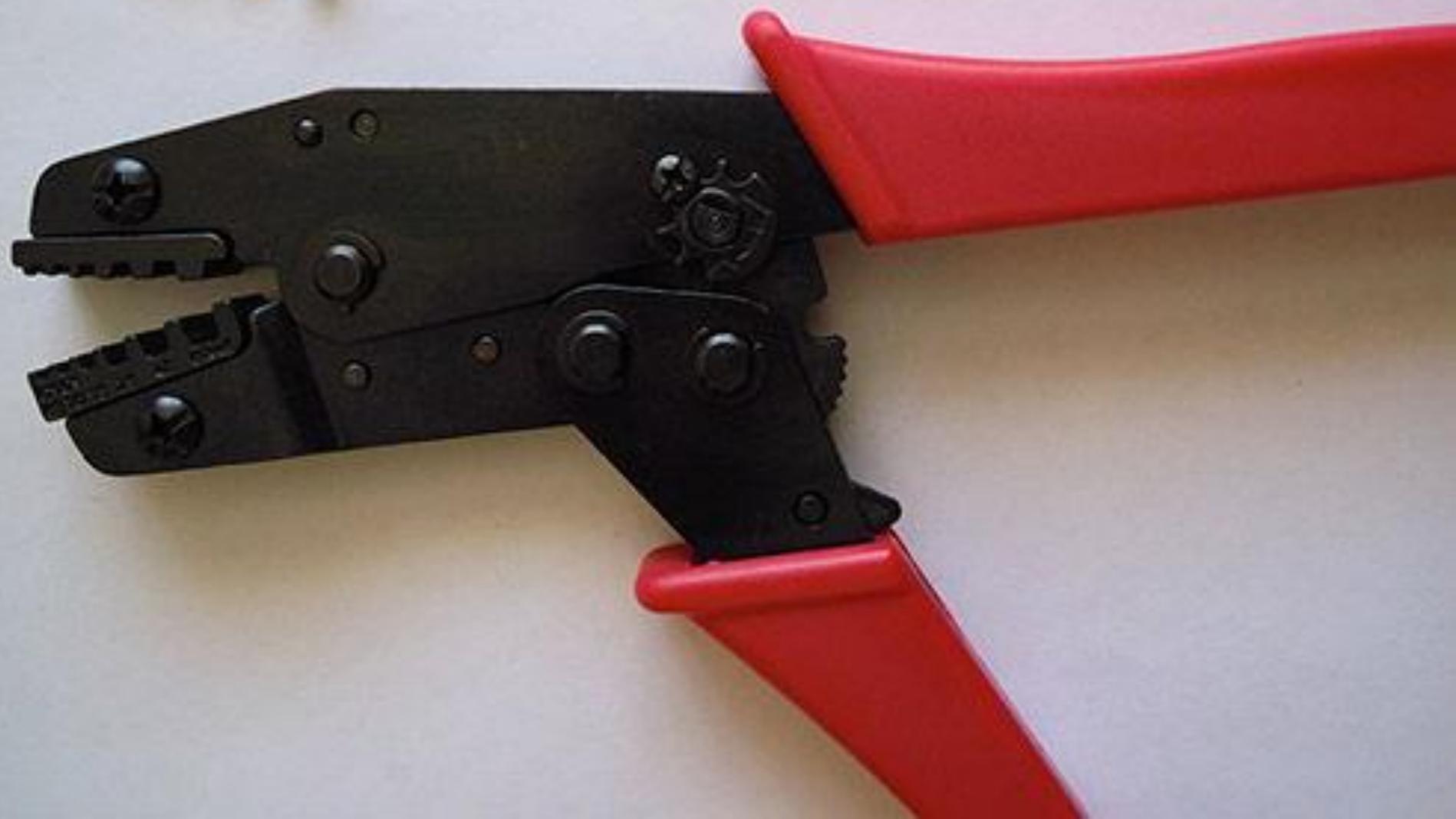
A starter



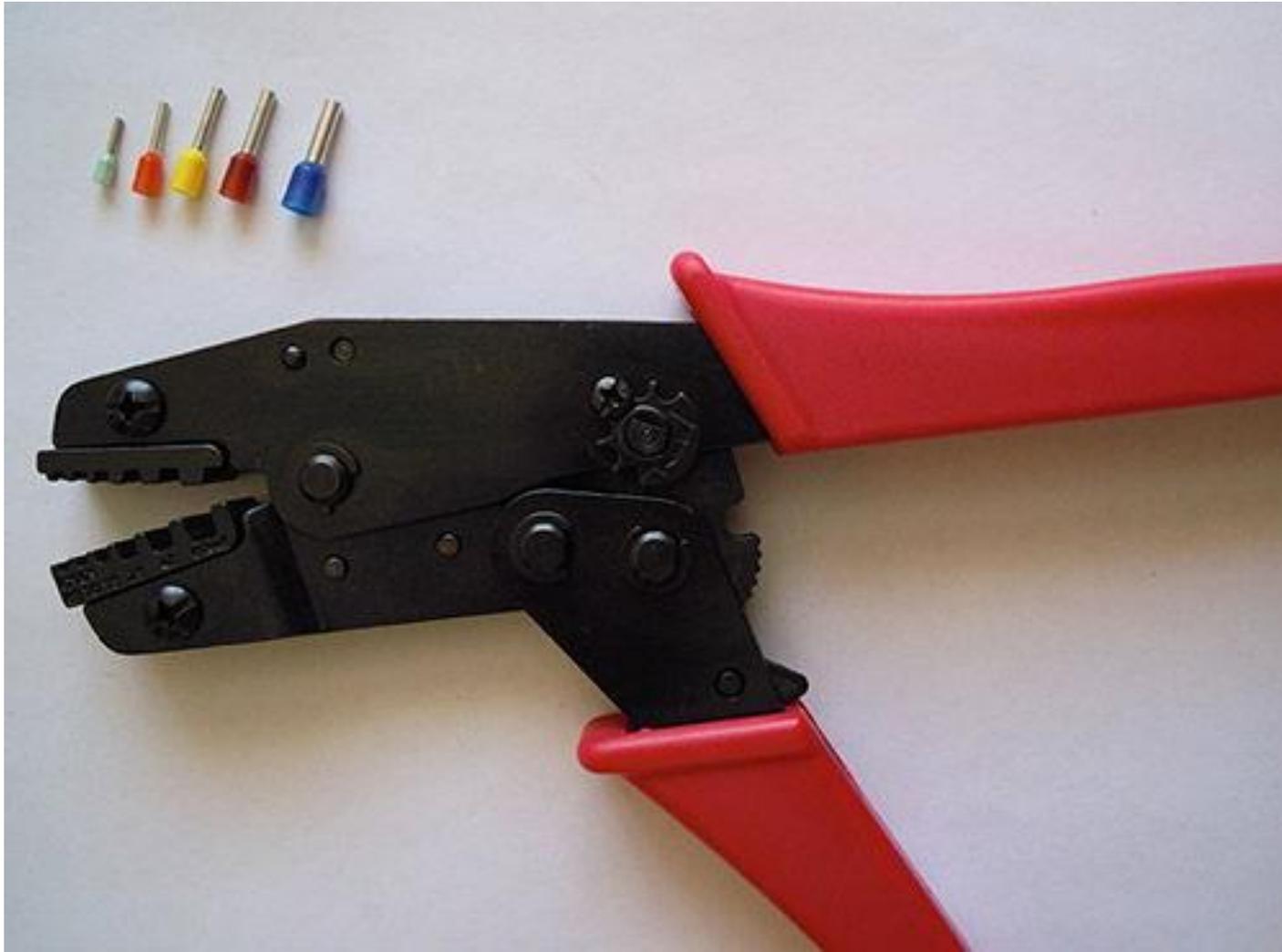


A stripper



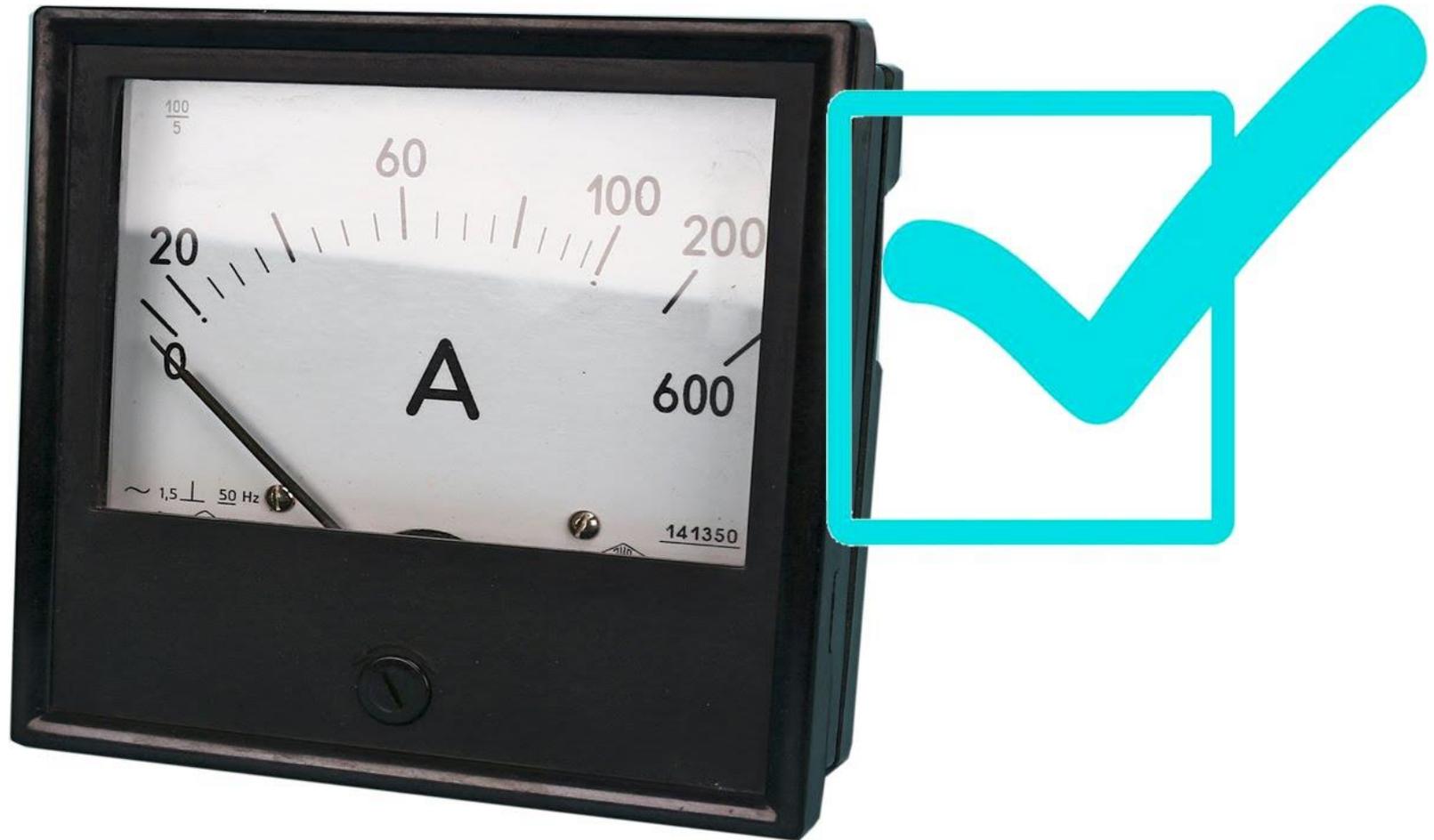


Crimping pliers





An ammeter





200

400

120

0

600

V

50 Hz

~ ⚡ ⚠ 15



3377
84000715

A voltmeter







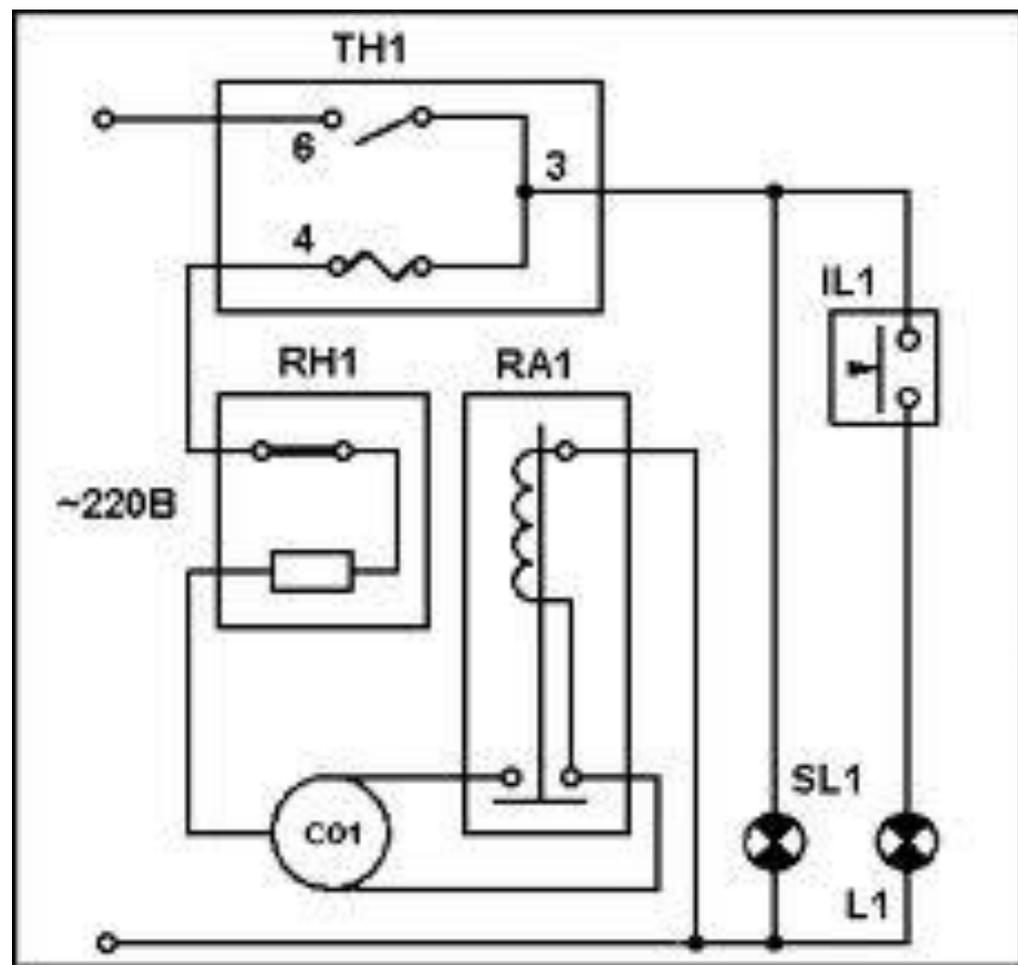
A

B

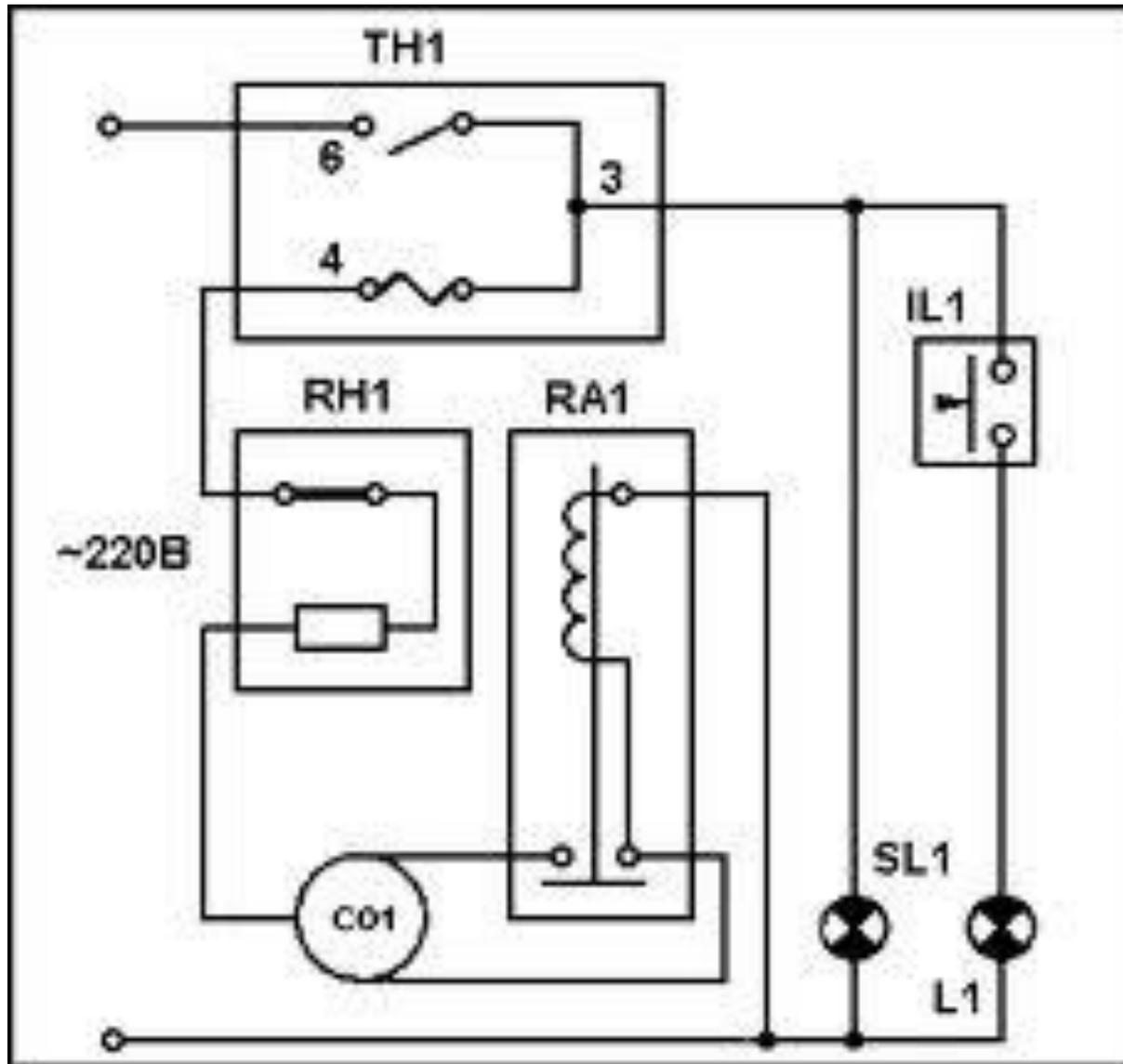
U

L

B



An electrical circuit



TM

SHOW MY

HOMework

THE BEST ELECTRICIANS

