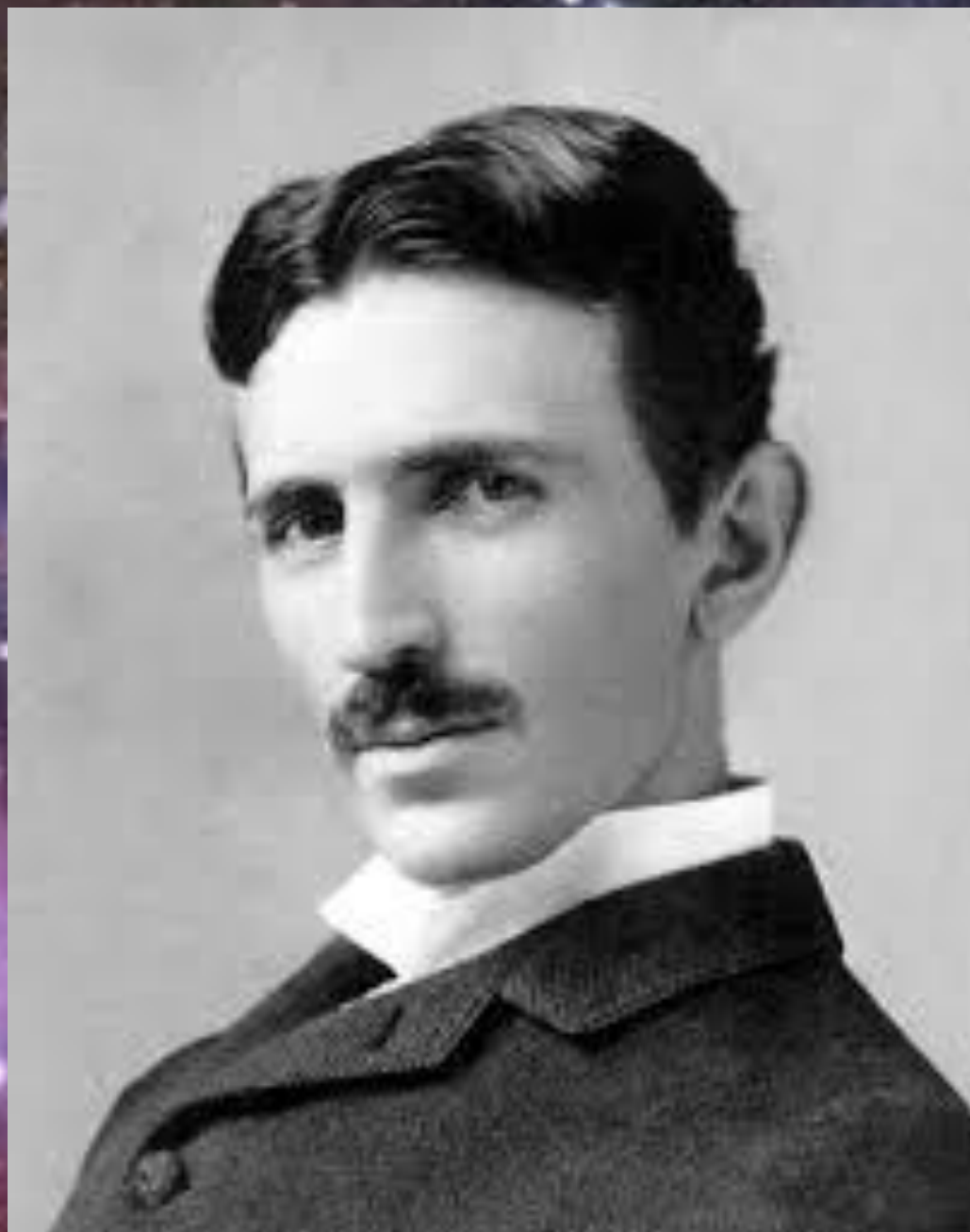


Никола Тесла

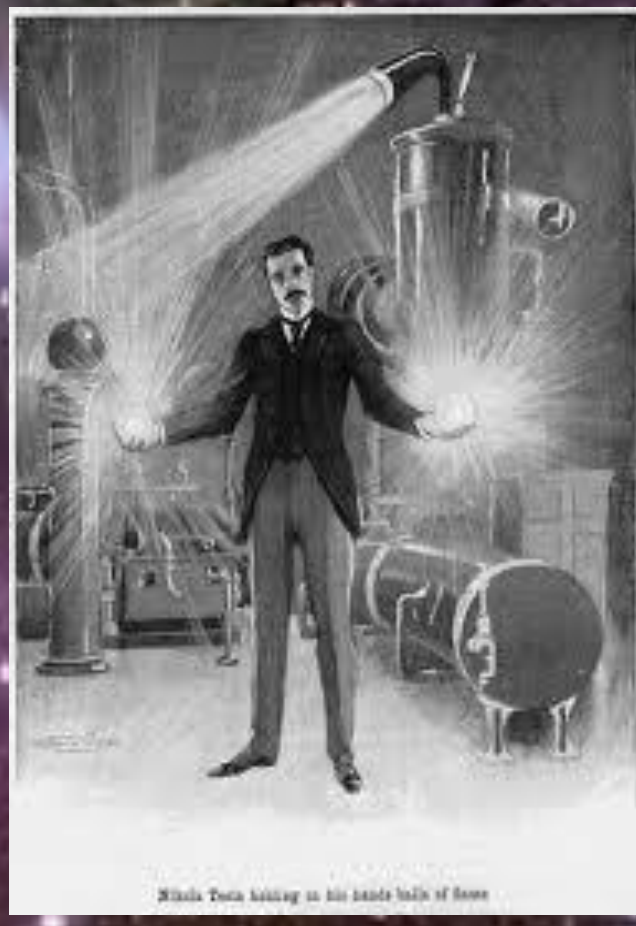


**10 июля 1856 года
в Югославии в селе Смиляны
в семье священника родился
Никола_**



**Никола Тесла в возрасте 23-х
лет**

Еще в школе маленький Никола проявил себя хорошо в математике, физике и языках



Nikola Tesla holding in his hands balls of force

Nikola Tesla

"We're use to seize and eliminate from our industrial world the results of Mr. Tesla's work, the wheels of industry would cease to turn." —G. A. Johnson

A prolific inventor of keen intelligence and exceptional insight, Tesla patented more than 300 inventions in his lifetime. He was born in Croatia and immigrated to the U.S. in 1884, bringing with him a discovery that would transform the world: by 1874, direct current (DC) technology was used in many industries, but only with minor success. What was needed was an alternating current (AC) motor and unlimited electrical energy to power industry. Tesla's discovery of the rotating magnetic field principle brought forth the AC motor and polyphase AC, the worldwide standard. He then turned his attention to high-frequency research and discovered the resonant circuit, the foundation of all radio communication.

The first modern polyphase AC generating station has received the power of Niagara Falls in 1895, adding Tesla's universal AC patents, whose complexity equaled that of 1900. It is a period of the electrical power generated by 20 states, marking the age of modern electrical power.

1856 July 12, Menlo Park, New Jersey, U.S. — Tesla is born in Smiljan, Croatia.

1880—Tesla files his patented method of the advantages of AC power system, which set on any level in it.

1881—Tesla discovers the rotating magnetic field principle, the scientific basis for which provided the AC motor and the method for generating polyphase AC.

1887—The Western Union Telegraph Company hires Tesla to work as a stationer. In the past five years he produces designs for applications, telegraphs, and systems on cables and generators.

1888—Tesla secures basic patents for the polyphase AC system still in use today. He lectures to A.S.T.E. on the AC system. George Westinghouse purchases Tesla's AC patents.

1890—Tesla patents the first wireless telegraph, making possible a viable technology.

1891—Tesla patents the AC polyphase system, which is incorporated in all digital computer systems.

1893—Tesla invents the Tesla Electric Light Co. and makes a significant improvement in arc lighting, marking his entry into patents.

1894—Tesla demonstrates his high frequency, high voltage, Tesla coil in the A.S.T.E. He becomes a U.S. citizen.

1895—Tesla patents the V.F.R. circuit.

1896—Tesla patents the first wireless telegraph, a radio-controlled model boat.

1898—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

1900—Tesla invents the Tesla Electric Light Co. and makes a significant improvement in arc lighting, marking his entry into patents.

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1909—Tesla patents the first wireless telegraph, a radio-controlled model boat.

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1913—Tesla patents the V.F.R. circuit.

1914—Tesla patents the first wireless telegraph, a radio-controlled model boat.

1915—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

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1919—Tesla patents the first wireless telegraph, a radio-controlled model boat.

1920—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

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1922—Tesla demonstrates his high frequency, high voltage, Tesla coil in the A.S.T.E. He becomes a U.S. citizen.

1923—Tesla patents the V.F.R. circuit.

1924—Tesla patents the first wireless telegraph, a radio-controlled model boat.

1925—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

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2013—Tesla patents the V.F.R. circuit.

2014—Tesla patents the first wireless telegraph, a radio-controlled model boat.

2015—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

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2017—Tesla demonstrates his high frequency, high voltage, Tesla coil in the A.S.T.E. He becomes a U.S. citizen.

2018—Tesla patents the V.F.R. circuit.

2019—Tesla patents the first wireless telegraph, a radio-controlled model boat.

2020—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

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2022—Tesla demonstrates his high frequency, high voltage, Tesla coil in the A.S.T.E. He becomes a U.S. citizen.

2023—Tesla patents the V.F.R. circuit.

2024—Tesla patents the first wireless telegraph, a radio-controlled model boat.

2025—Tesla demonstrates his first wireless telegraph, the "Cox of Niagara Falls Company."

Когда Никола начал далеко опережать своих одноклассников по этим предметам, учителя не подмечали этого.

Когда он в уме решал сложные задачи по математике и физике они были уверены что он их обманывает, это же очевидно! Только не понятно как.

Но позже они поняли что перед ними очень талантливый мальчик.

Однако отец Теслы не разделял интересы сына, он надеялся что Никола станет священником, ведь уже много лет мужчины в семье Теслы становились или священниками, или военными.

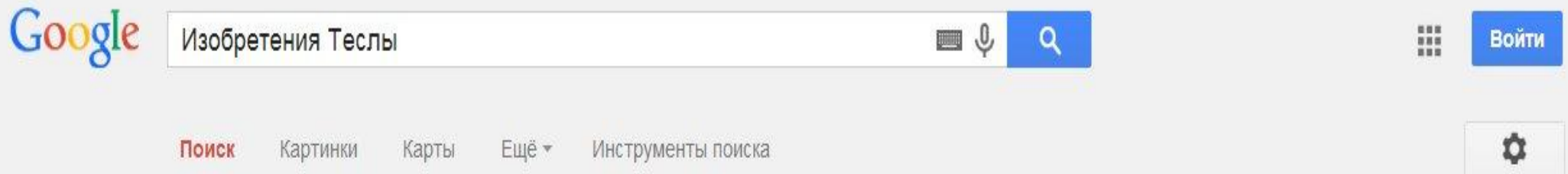
После окончания школы Никола хотел поступить в высшую техническую школу, но его отец запретил ему связывать свою жизнь с наукой. Будущего ученого спасла страшная болезнь...



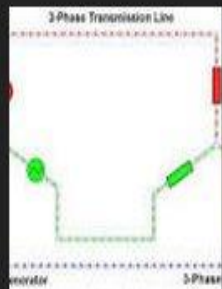
**Милутин Тесла. Отец
Николы**

**В то время по стране шла эпидемия холеры
и Николу свалила лихорадка.
Он провел 9 месяцев в постели.
Когда он сказал отцу, что если тот разрешит
ему стать инженером, то ему стало бы
лучше, отец пообещал что найдет для него
лучшую политехническую школу.
Никола сразу пошел на поправку.**

Пропустим период учебы Теслы. Я расскажу о его открытиях и изобретениях.



Никола Тесла Изобретения



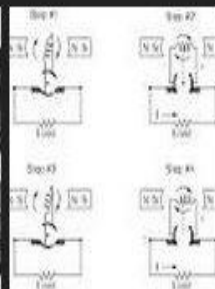
Трёхфазная система электроснабже...



Асинхронная машина



Радиотелеграф



Переменный ток



Неоновая лампа



Пульт дистанционного управления

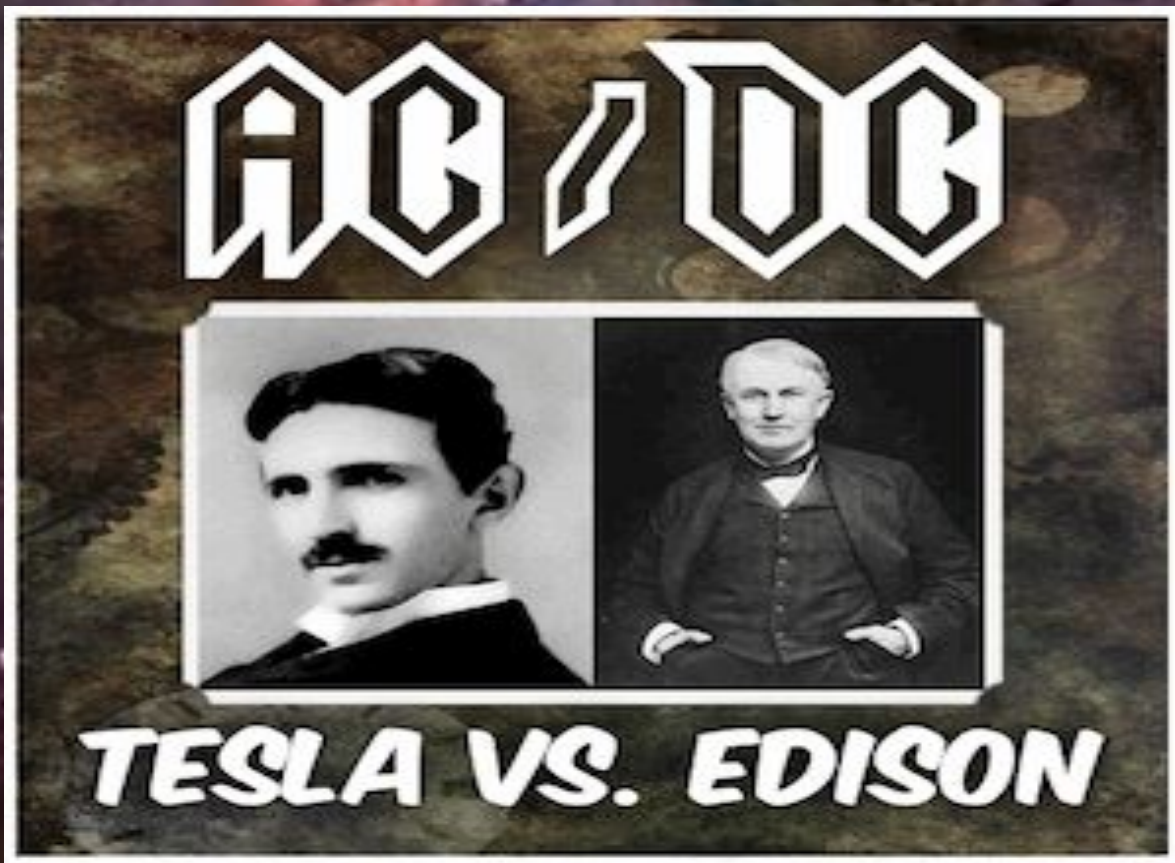


Трансформатор Тесла

Скриншот из Google

Война токов

«Войной токов» называют борьбу Эдисона и Теслы за внедрение переменного тока в промышленность (Тесла) и внедрение постоянного тока (Эдисон)



alternating current/direct current —
переменный/постоянный ток

AC- переменный ток
DC- постоянный ток

**Несмотря на все подлые приемы Эдисона,
который, кстати, будучи раньше
начальником Теслы, в начале его карьеры,
обманул его, пообещав 50 000 \$ за
улучшение всех генераторных машин
Эдисона, в итоге посмеявшись над ним, мол,
«Ты плохо знаешь язык и не понимаешь
американских шуток», победил Никола
Тесла.**

**Благодаря ему сейчас существует вся наша
техника**

**Его называют «Человек, который изобрел XX
век».**

Краткий список изобретений Теслы, находящиеся сейчас в классе:

1. Смотрим на потолок. Лампы. Эти лампы- заслуга Теслы

2. Ваши телефоны. Тесла открыл радиоволны, благодаря которым работают мобильники

3.Переменный ток. Дешевый, экономичный и безопасный.

4.Двигатель переменного тока.

5.Турбогенераторы. Рекордные по отношению мощности к единице массы турбины.

Оригинальная конструкция трансформатора Теслы:



**Вот что происходит с ним, когда он попадает
в умелые руки:**



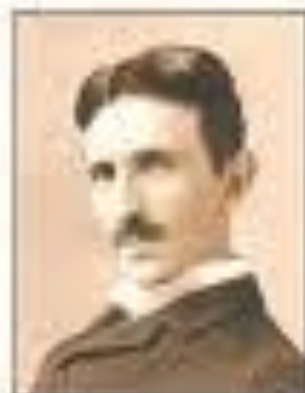
Изменяя частоту разрядов, можно создавать музыку. Уже существует отдельный жанр музыки «TeslaMusic»

Black sabbath. Iron man



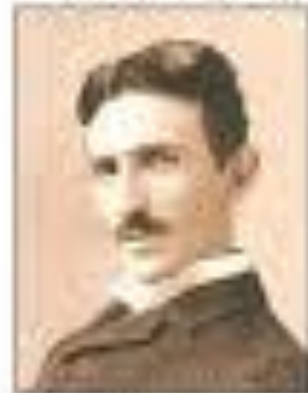
Ray Parker. Ghostbusters

ИЗОБРЕЛ
ПЕРЕМЕННЫЙ ТОК



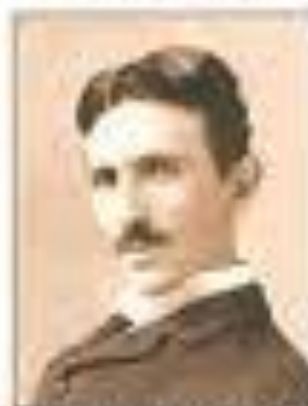
ПЫТАЛСЯ ОДАТЬ
ЕГО МИРУ
БЕСПЛАТНО

Стандартом, что
кто-то использует
ЕГО ИЗОБРЕТЕНИЯ



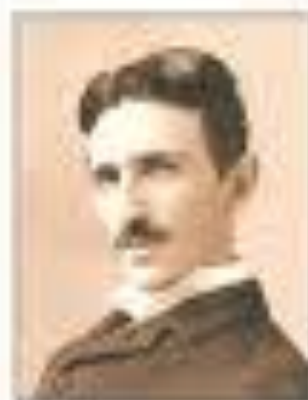
"Пусть использует,
он делает полезную
работу"

Стандартом, что
ОДИН ЕГО КОНТРАКТ
МОЖЕТ РАЗРУШИТЬ
БИЗНЕС ДРУГОГО
ЧЕЛОВЕКА



РАЗОРВАЛ КОНТРАКТ

ИЗОБРЕЛ СИЛЬНЕЙШЕЕ
ОРУЖИЕ МАССОВОГО
ПОРАЖЕНИЯ



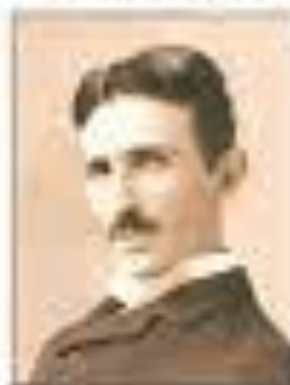
УНИЧОЖИЛ ЕГО

ИЗОБРЕЛ ВСЕ ОТ
ПЕРЕМЕННОГО ТОКА,
ДО РЕНТГЕНОВ И
РАДАРОВ



НЕ ВОСТОМЛЕН О
ПРУБЫМ

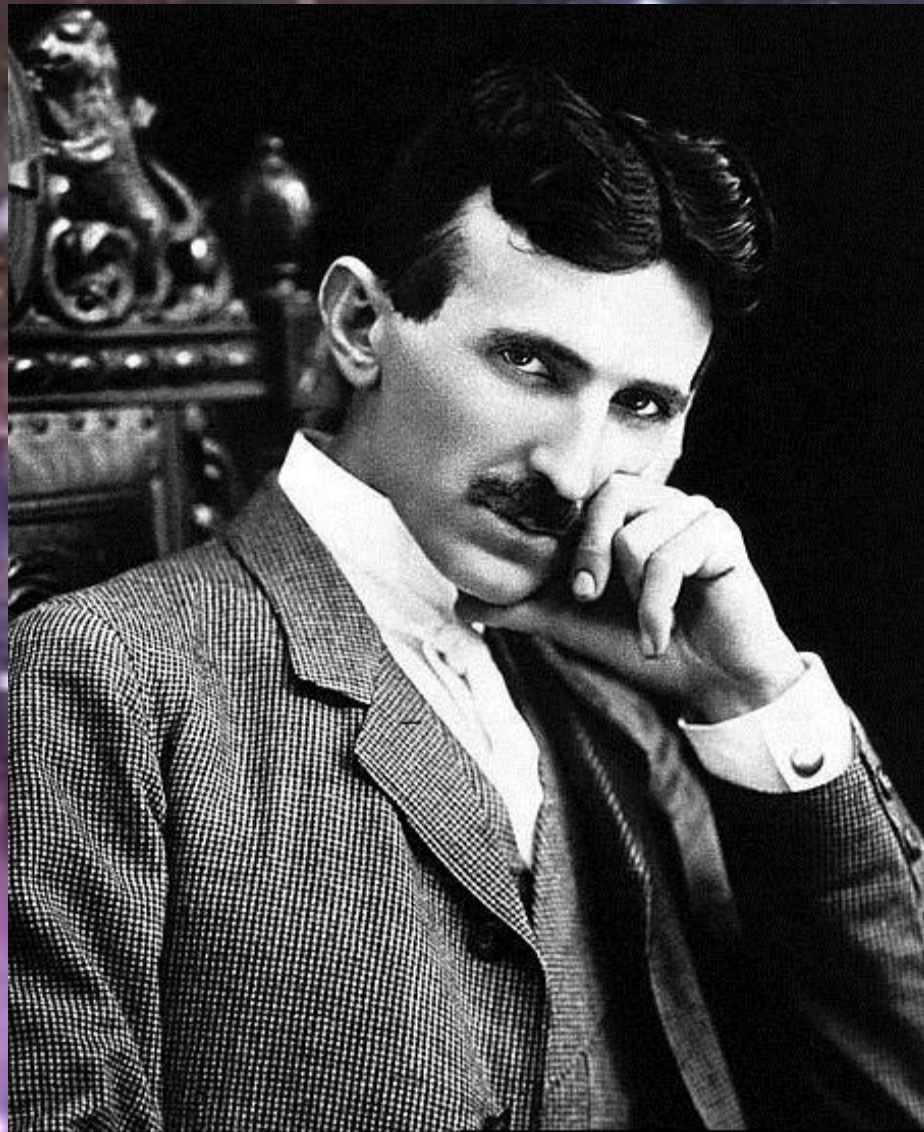
УМЕР В БЕДНОСТИ И
ОЛИЖНОСТЕ



ПРОСТИЛ ВСЕХ ЗА ИХ
НЕВЕЖЕСТВО

ЭТОТ ЧЕЛОВЕК БУКВАЛЬНО СОЗДАЛ ВСЕ СОВРЕМЕННЫЙ МИР, ДАЖЕ
ЧЕРЕЗ 50 ЛЕТ АЖ НЕ МОЖЕМ ПОНЯТЬ ВОСК ЕГО ИЗОБРЕТЕНИЯ. ОН
ЗАСЛУЖИЛ ЛЮБУЮ ВОЗМОЖНУЮ НАГРАДУ, А ЕМУ ВАЖНО БЫЛО ЛИШЬ
СДЕЛАТЬ МИР ЛУЧШЕ.

Благодарю за внимание.



Быстро физику учить

Tesla мастер

