

NIKOLA TESLA – life, work, doctrine

dr Branimir Jovanović – director, Nikola Tesla Museum Belgrade

Mi živimo u vremenu tehničkih otkrića bez presedana, koja vode sve potpunijem ovladavanju silama prirode i neutralisanju vremena i prostora. Ali ovaj razvoj, iako doprinosi našem komforu, udobnosti i sigurnosti života, ne ide u pravcu istinske kulture i prosvetljenja. Sasvim suprotno, on je destruktivan za ideale ... Stvarni uzrok propasti naroda je nesposobnost čovečanstva da reši SOCIJALNE, MORALNE i DUHOVNE probleme. Sve dok je borba za egzistenciju takva da samo najprilagođeniji mogu da prežive, postoji zdrav razvoj vladavine individualizma. Kada se mehanizmi reakcija eliminišu iz individue, originalni napor i inicijativa suzbijaju, a kreativne sposobnosti naruše, rasa postepeno tone u divljaštvo i nestaje. Sličan kraj prijeti našoj današnjoj civilizaciji. – NIKOLA TESLA

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ŽIVOT, DELO I DOKTRINA NIKOLE TESLE

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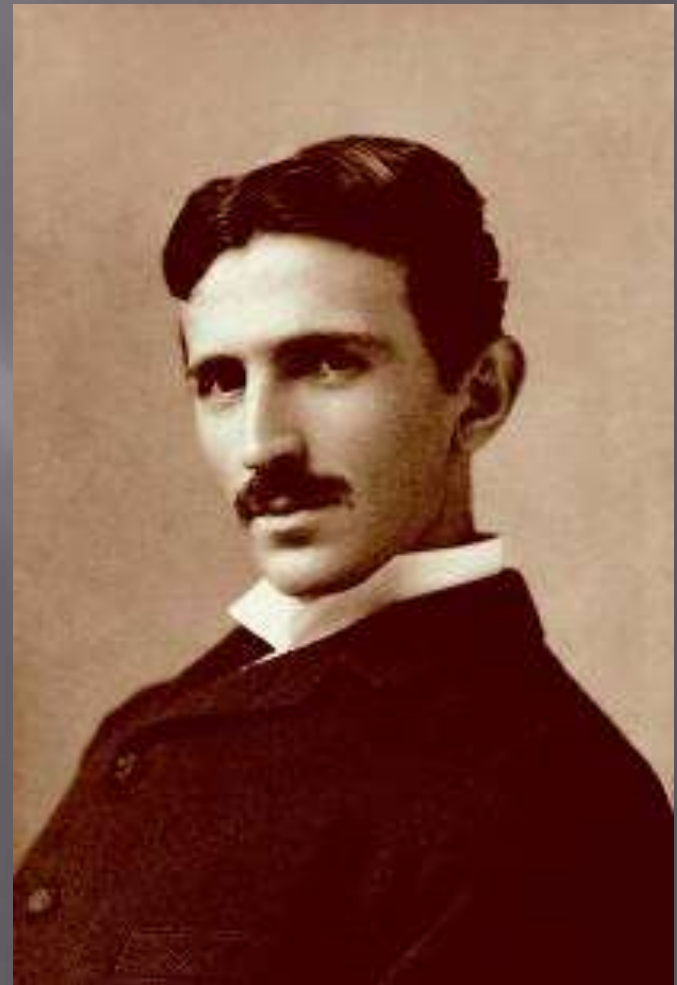
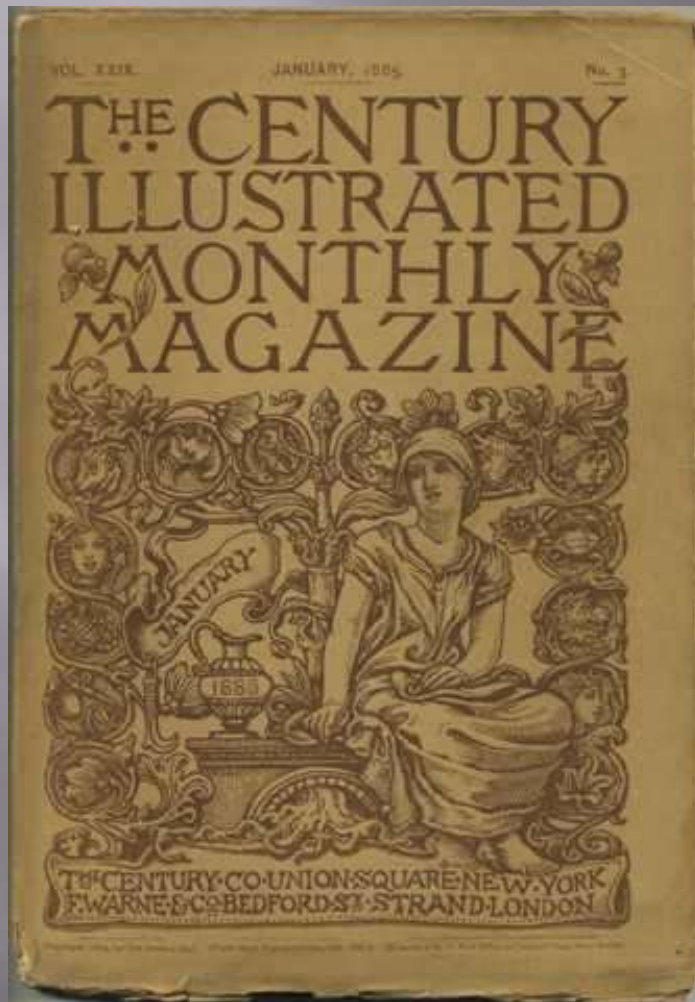


Branimir Jovanović

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and place signatures on a PDF file.

Problem of Increasing Human Energy



Nikola Tesla was born in Smiljan
10 July 1856.

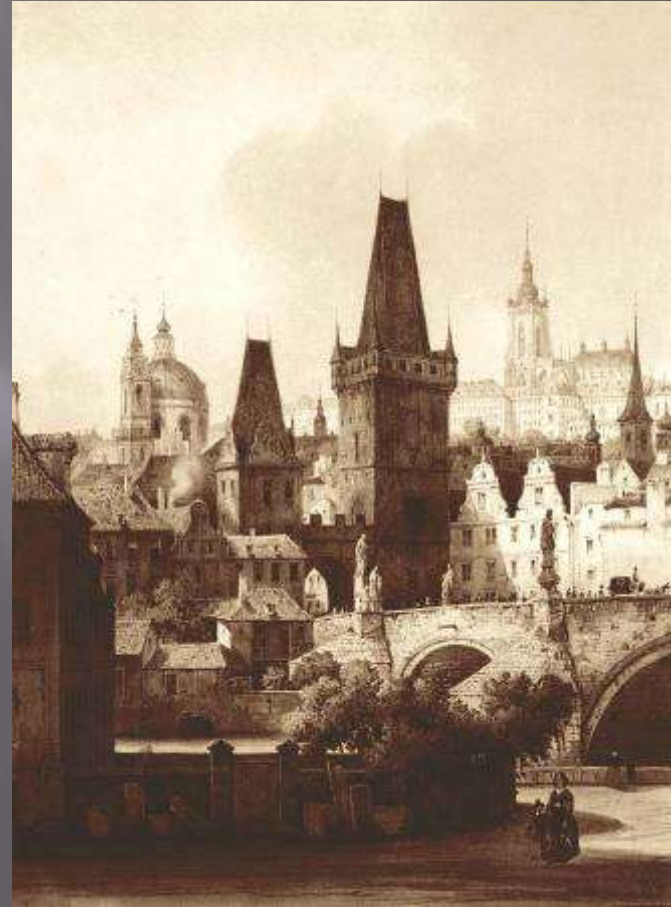
He had three sisters and a
brother who died young!



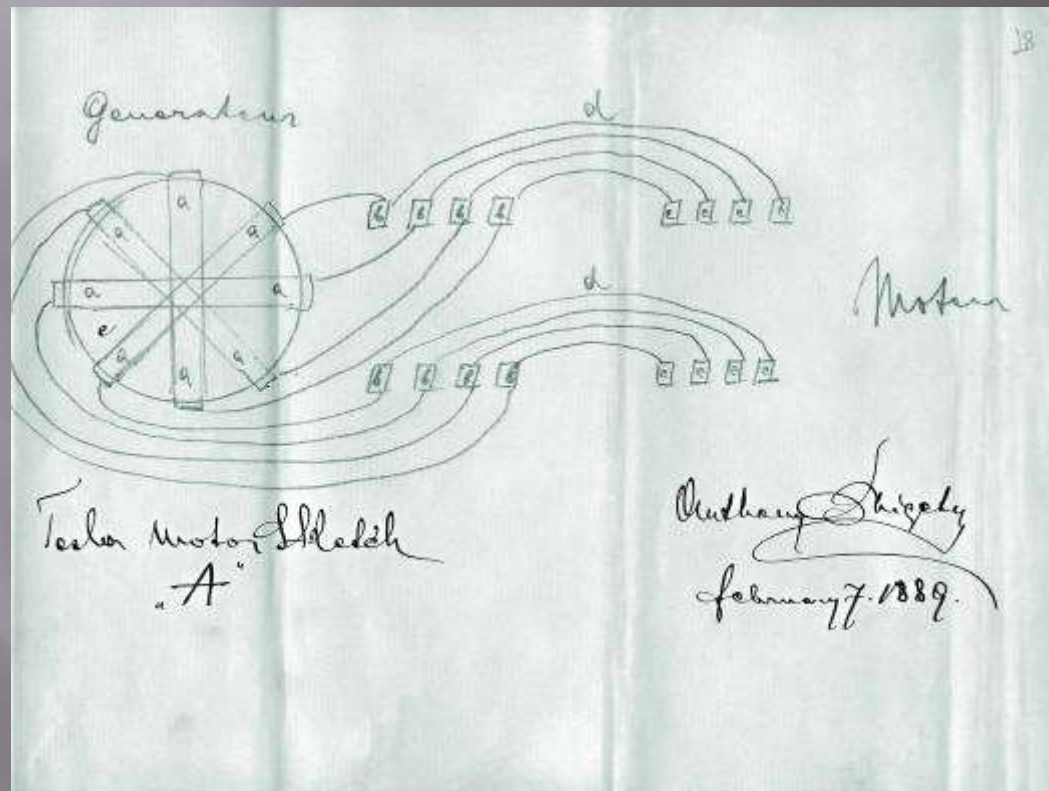
TESLA'S Family



Tesla studied in Graz and Prague

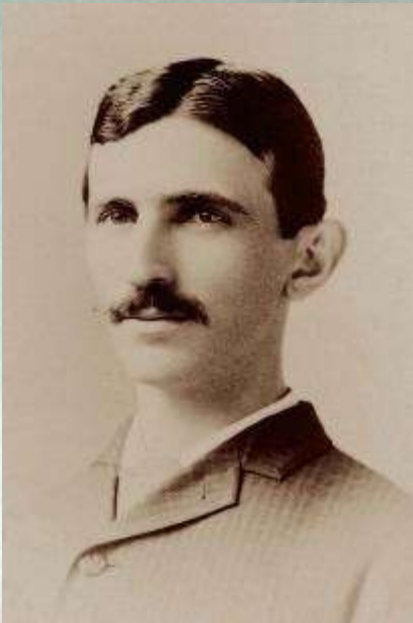


Tesla's most important invention of the rotating magnetic field - Budapest 1882!

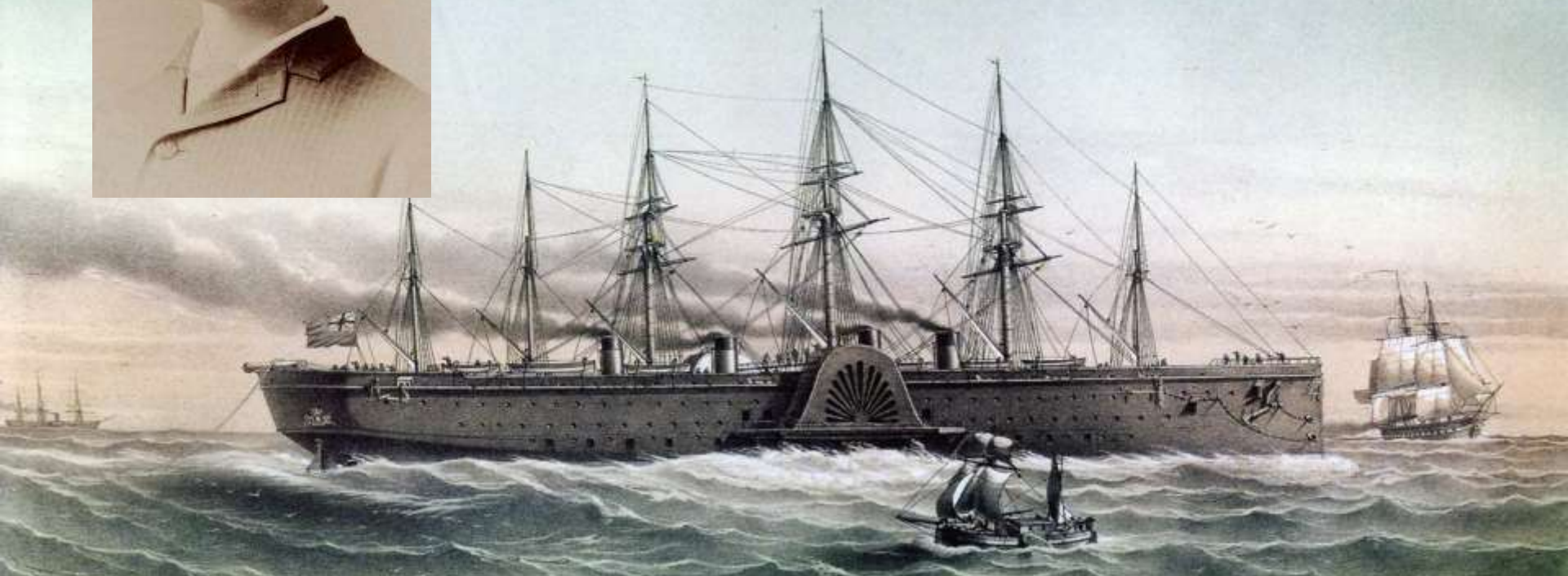




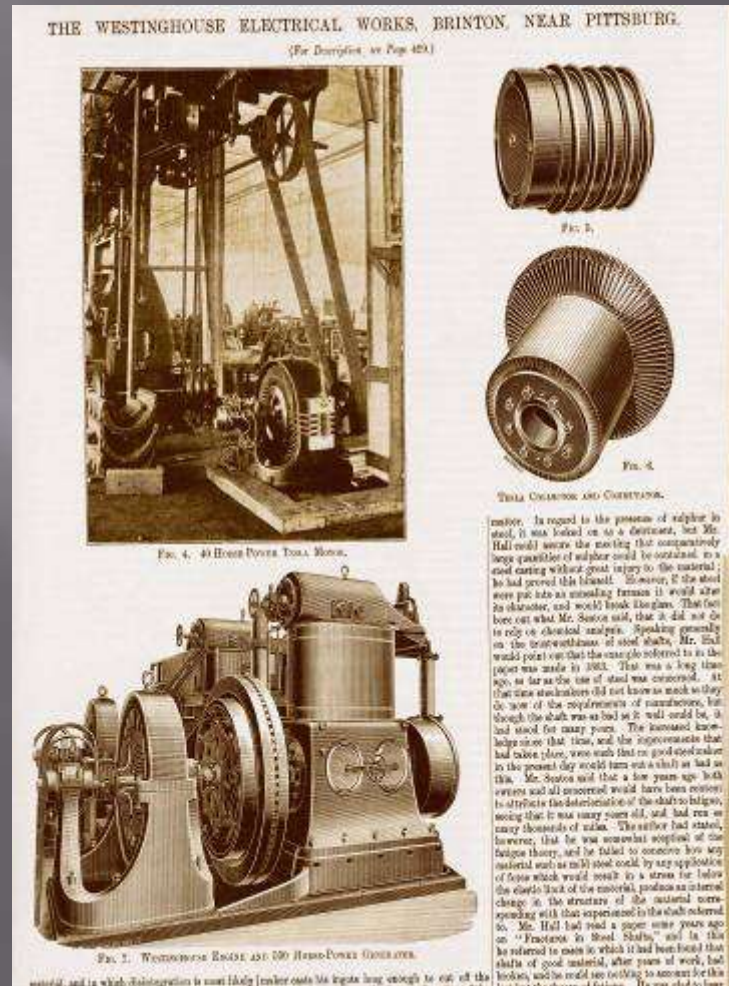
Good By
to Mr. Edison
March 1884



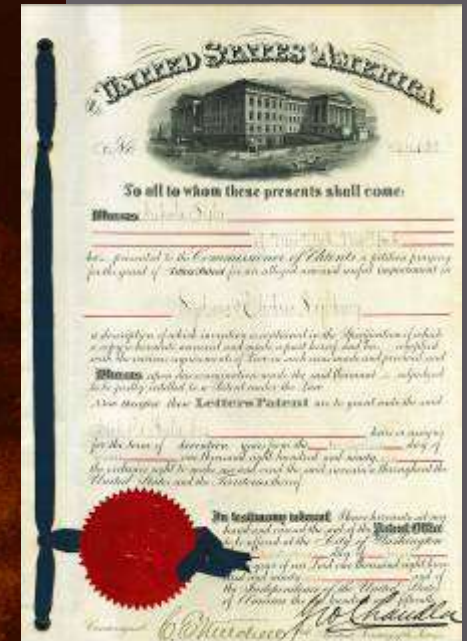
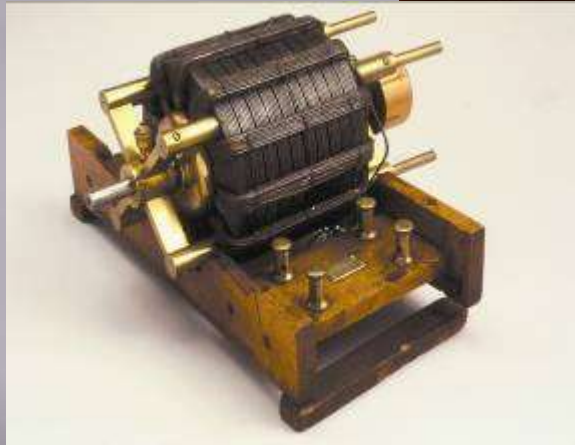
He left to America in 1884.



In 1887, and in 1888, Tesla patented system of production, transmission and use of alternating currents.



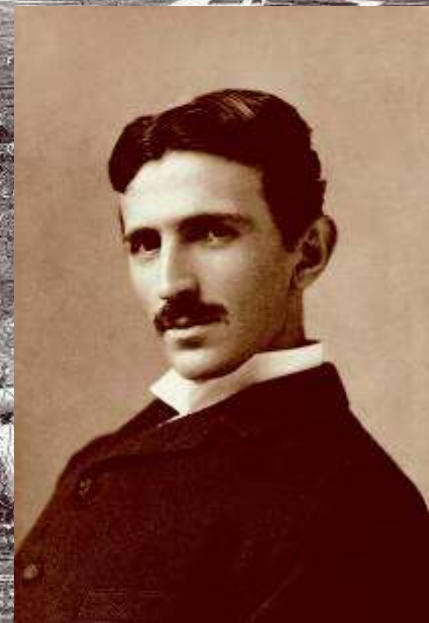
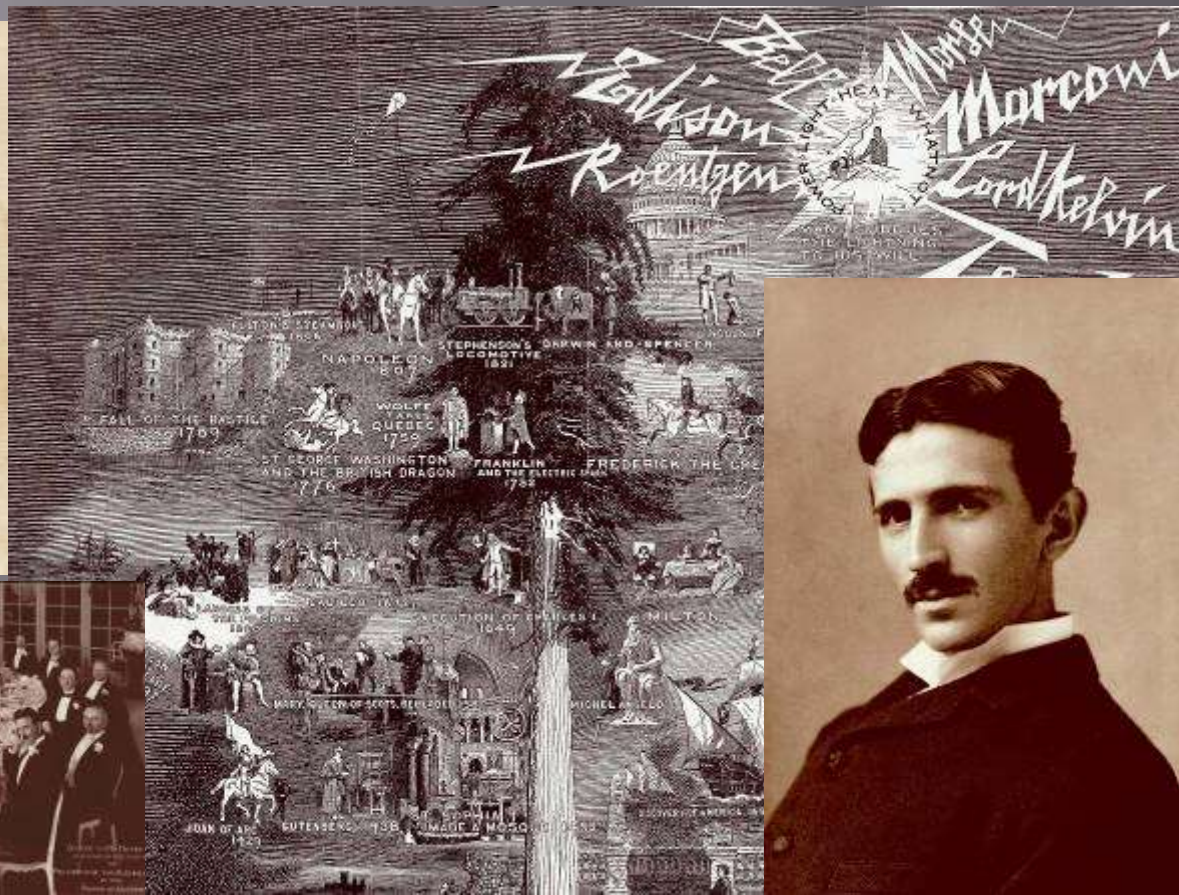
Ideal Partnership - Tesla and Westinghouse



A vintage, sepia-toned photograph of a group of nine people, likely a family or a group of friends, posed in front of a large, wide waterfall. The group is arranged in two rows: three people are seated in the front, and six people are standing behind them. The individuals include men, women, and children, all dressed in early 20th-century attire. The waterfall is a prominent feature in the background, cascading over a rocky ledge. The sky above the waterfall is filled with clouds. The photograph has a slightly aged and grainy appearance.



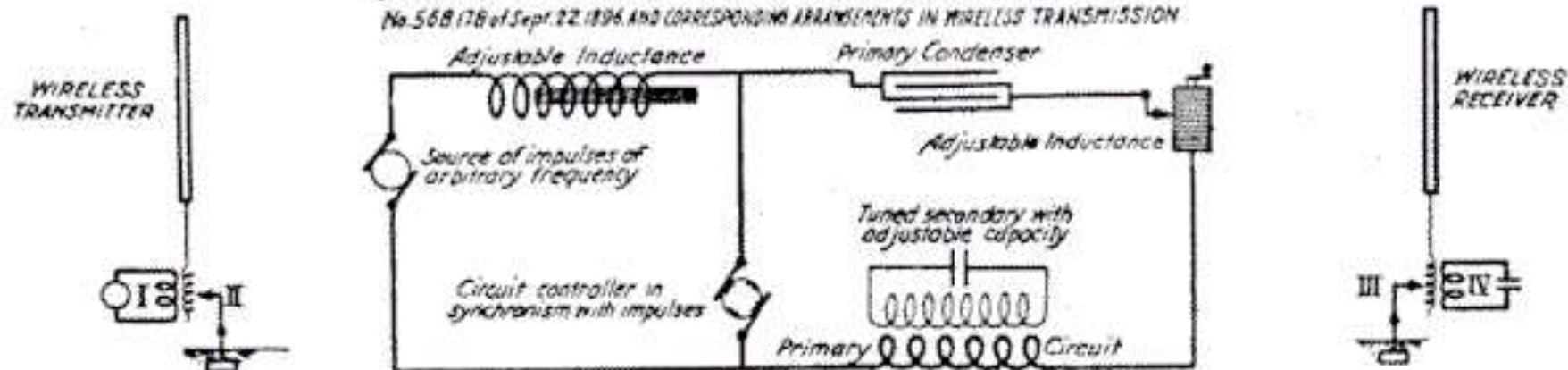
Tesla gained worldwide popularity



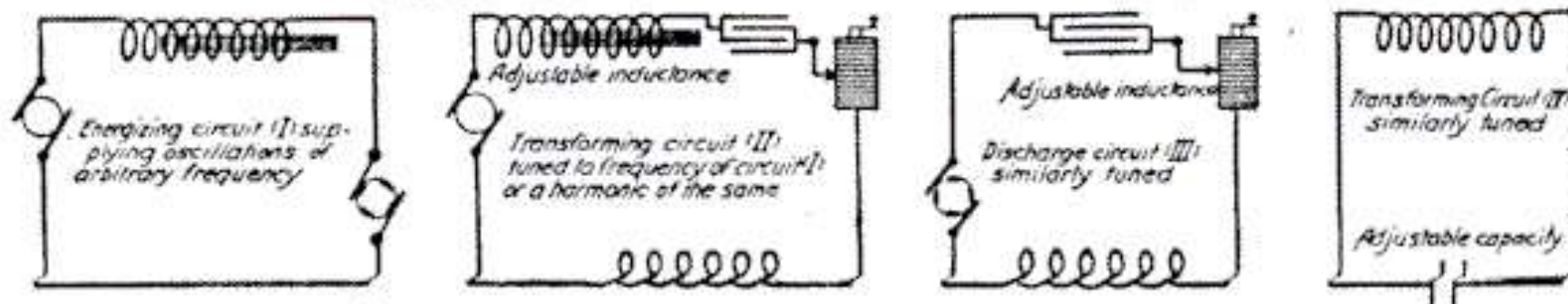
His lab visit the most famous men in America



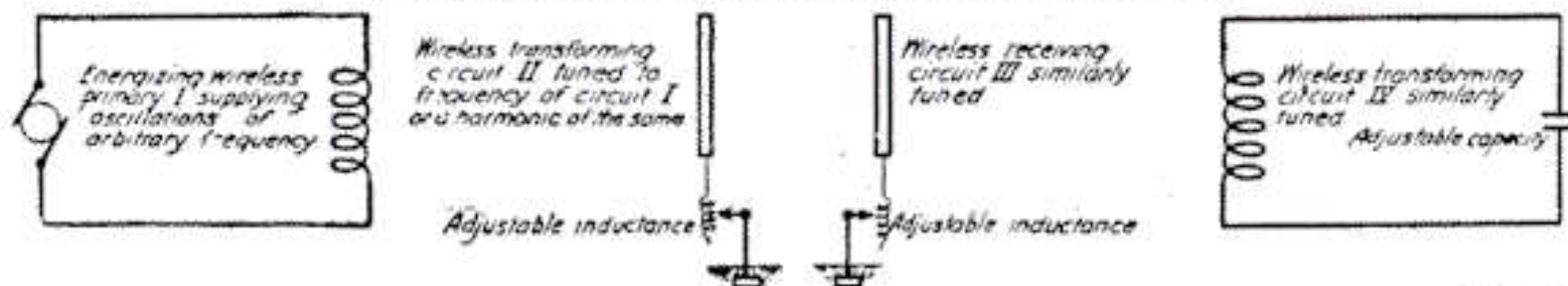
SYSTEM OF CONCENTENATED TUNED CIRCUITS SHOWN AND DESCRIBED IN TESLA'S U. S. PATENT
No. 568 178 of Sept. 22, 1896 AND CORRESPONDING ARRANGEMENTS IN WIRELESS TRANSMISSION



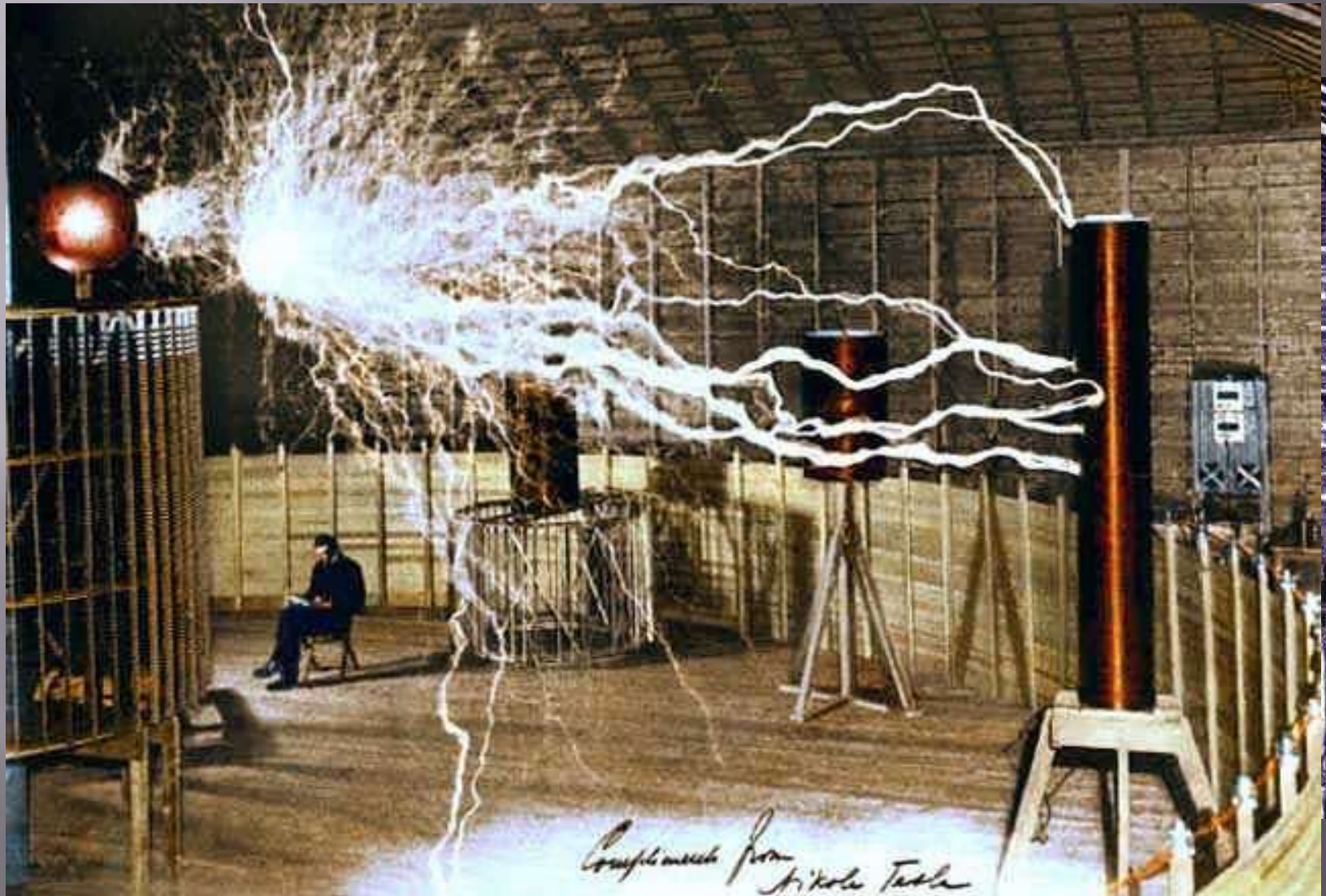
THE FOUR TUNED CIRCUITS OF ABOVE DIAGRAM SHOWN SEPARATELY



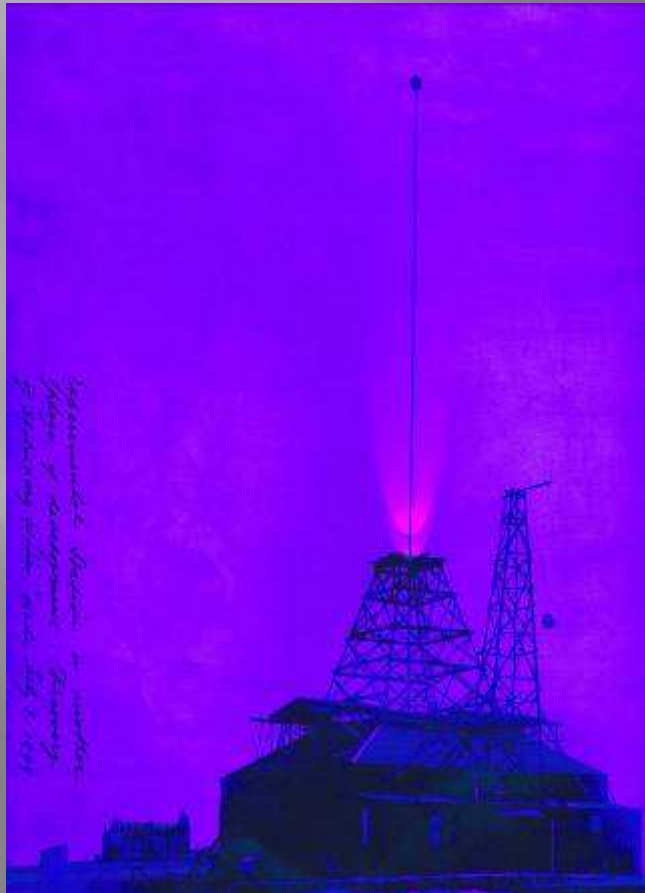
THE CORRESPONDING FOUR TUNED CIRCUITS OF THE WIRELESS SYSTEM



... With the transformer of 12 million volts!



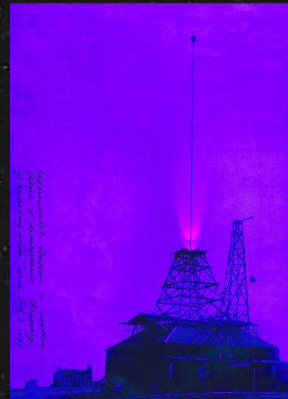
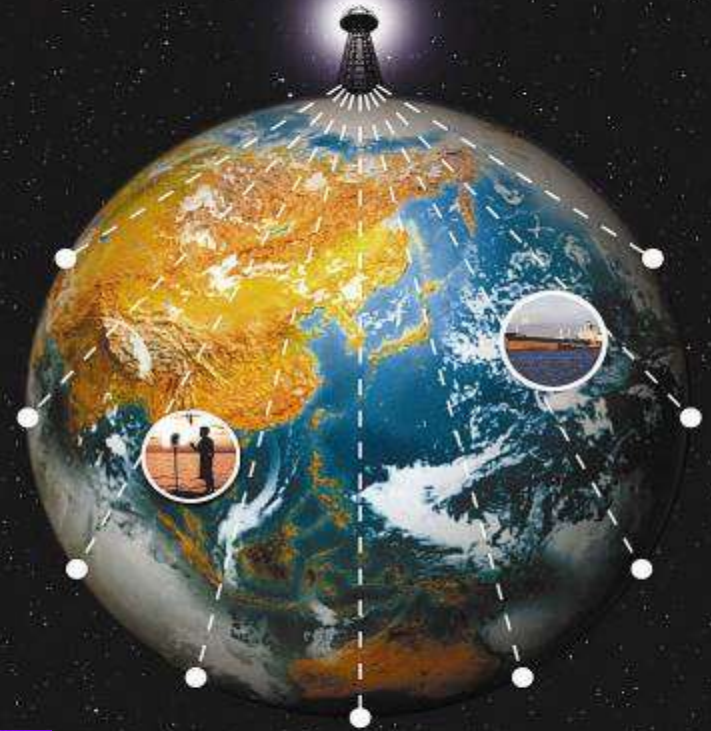
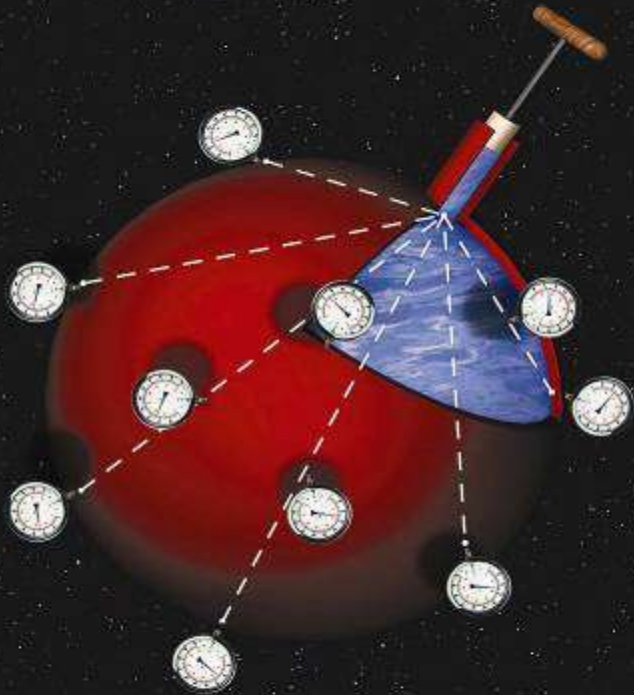
Tesla claimed to have discovered in Colorado ability to use the electric field of the planet Earth



Experimental Station in summer
Nikola Tesla, Colorado Springs
Photograph taken about Aug. 15, 1899

Colorado Springs July 4, 1899. (9)
Observations made last night. They were such
as not to be easily forgotten, for here the
one season. First of all a superb night was
afforded by the extraordinary display of lightning, no
less than 11-12 thousand discharges being witnessed in
the hours! The flashes were almost continuous and
even later in the night than the storm had subsided
10-20 discharges per minute were witnessed. Some
of the discharges were of a wonderful brilliancy and
showed often 10 or more as many branches. They also
appeared frequently higher in the bottom than in top.
Was this the case? Perhaps it was only due to the fact
that the point or close to the ground is nearer to
the storm. The storm began to be perceptible as
a distance as it gave shock and extraordinary vibration
in instrument (wireless 'circuit') in connection to ground
and a flash above ground as in my plan of telegraphy
and a conductor was used to magnify the effects transmitted
through the ground. This method of magnifying currents
will better work and will be described in detail in
my modifications. I used it in investigation of properties
of land and Roegner says with excellent results. The
circuit was not adapted very skilfully but it began to
1

SOCIAL AND TECHNOLOGICAL REVOLUTION







But Morgan curtailed Tesla



thinkævolve

PUCK

DEITY TWO

DEITY FOUR AND FIVE

DEITY THREE

DEITY SEVEN



A CABINET THAT COULD AFFORD IT.

"There is not in my Cabinet one man to whom it is not a financial disadvantage to stay in the Cabinet."

—President Roosevelt at Ashby Park.

The project was too ahead of time and Tesla could not finish it ...



New York, March 1st, 1901:
46 & 48 West Houston Str.

J. P. Morgan, Esq.,
22 Wall Street,
New York City.

Dear Sir:-

For several years past I have been engaged in perfecting a system of electric lighting and in carrying on investigations relative to wireless telegraphy and telephony, and I have made certain discoveries and inventions in connection with these subjects, for which patents have been taken to me in the United States and also in foreign countries.

I am anxious now to construct the apparatus necessary for putting my discoveries and inventions to practical use and for continuing my investigations on the subjects named.

For this I desire to procure the sum of

and I hereby agree that if you will advance such sum to me as hereinafter stated, I will assign to you an interest of fifty-one per cent. in all of said patents and inventions, and also in any patents or inventions which I may hereafter secure or make having relation to or being useful in any way in connection with electric lighting and wireless telegraphy or telephony. Such sum of

is to be paid to me from time to time on my submitting to you proper vouchers for expenditures made by myself in connection with the subjects above mentioned.

Understanding that you are prepared to accept this offer, I herewith hand you assignments of an interest of fifty-one per cent. in the patents designated upon the schedule hereto annexed, and if, as and when, any other or further patents for inventions relating to or useful in electric lighting, wireless telegraphy or telephony shall be secured or made by me, I agree forthwith to assign to you a like interest of fifty-one per cent. therein.

Will you kindly confirm this understanding by letter.

Very respectfully yours,

Nikola Tesla

U. S. Blows Up Tesla Radio Tower

That German spies were using the tower erected at Shoreham, L. I., about twenty years ago, the Federal Government ordered the tower recently demolished during the past month.

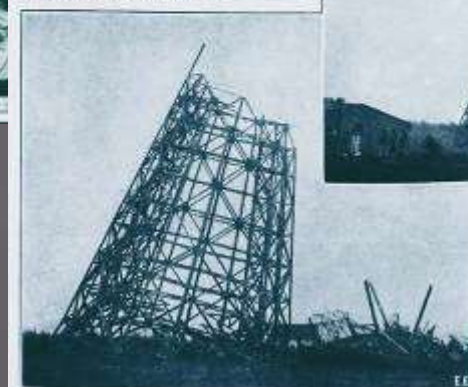
gone on record as stating their belief to be in accordance with Dr. Tesla's. More wonderful still is the fact that this scientist pro-

some of the water into the back into the hall by pushing the handle, this change in p-



NEW BUILDING SHOREHAM, LONG ISLAND, SHOWS THE TOWER.

re tower, which was about 135 feet high, with a well about 100 feet deep, for experimenting with the electrical energy for power.



Two Views of the Last Minutes of Tesla's Gigantic Radio Tower at Shoreham, L. I., New York. As it Was Being Demolished by the Federal Government. It Was Suspected That German Spies Were Using the Tower for Radio Communication Purposes. It Stood 135 Feet Above the Ground and Cost About \$325,000. Tesla Had Not Used It For Several Years.

Photos by American Press Association

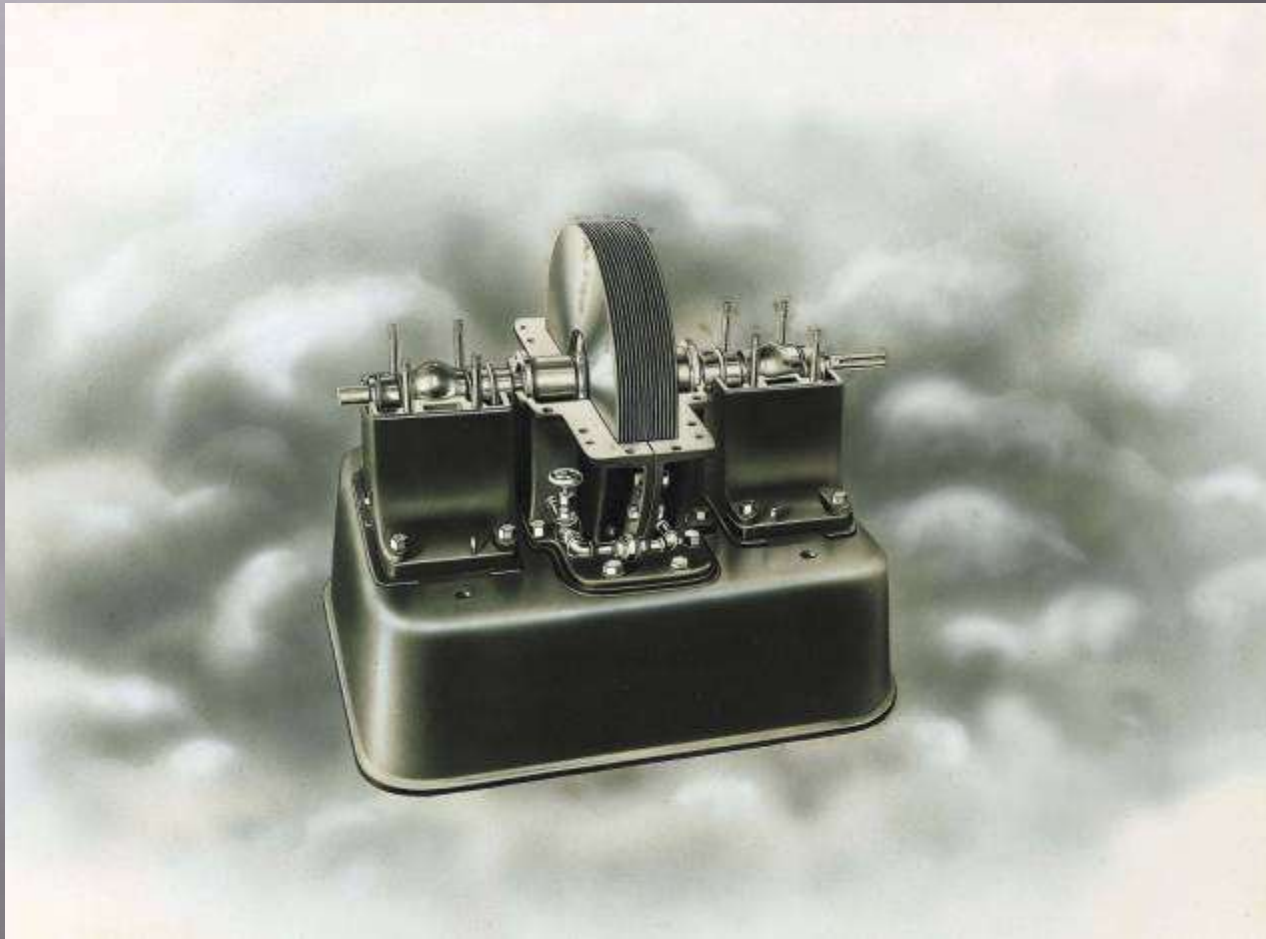
Left without the support of wealthy friends Tesla tried to earn money to continue the experiments ...



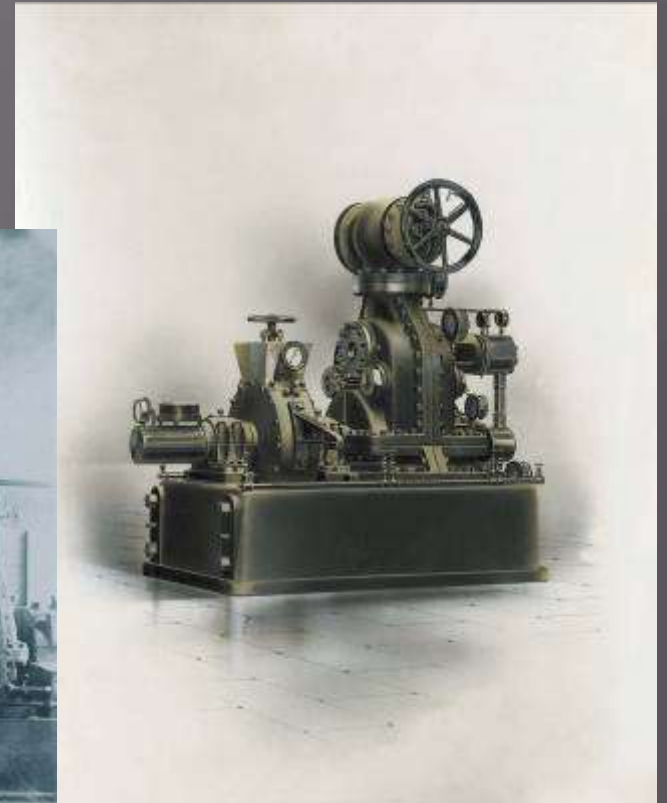
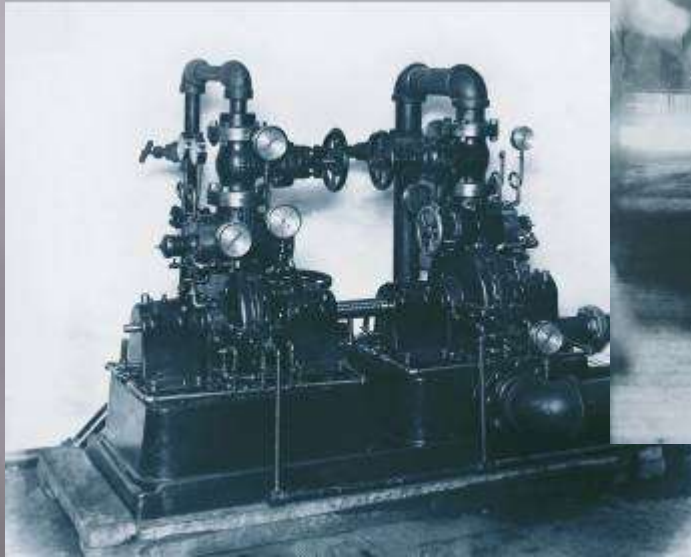
BROAD STREET, LOOKING NORTH



In 1910. invented turbine and pump without blades



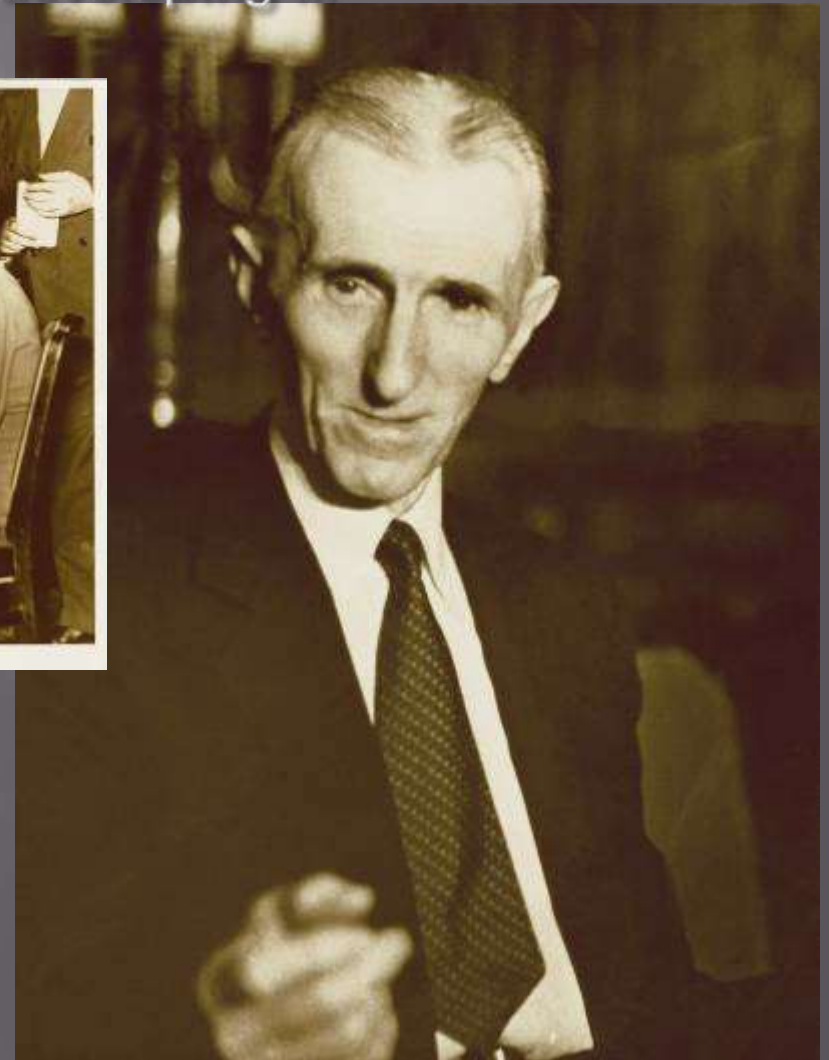
Trying to commercialize inventions in mechanical engineering



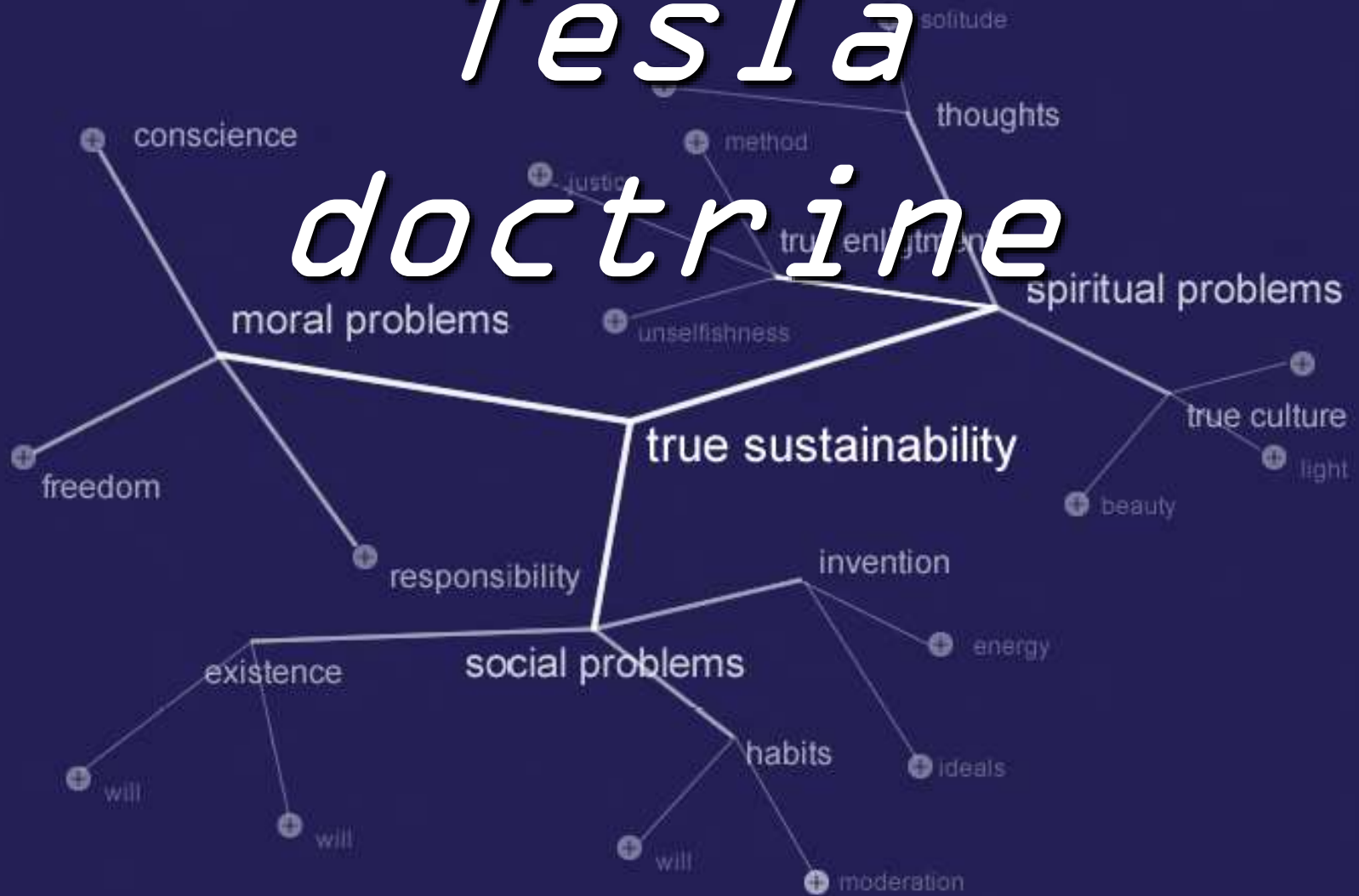
and various other ideas that developed from 1910. to 1930.



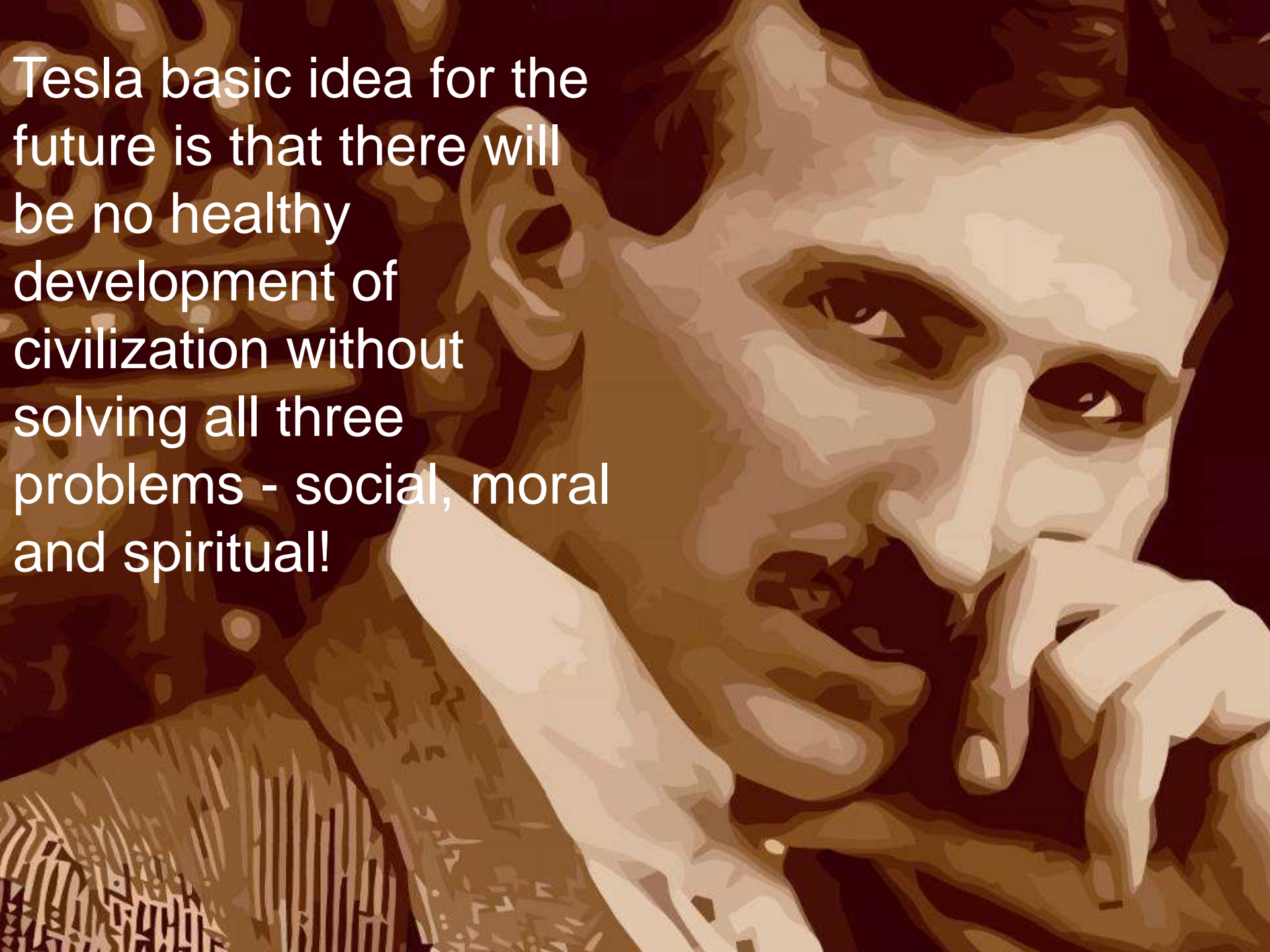
In 1930, close the lab and begins to critically observe our civilization, which was then rapidly developing ...

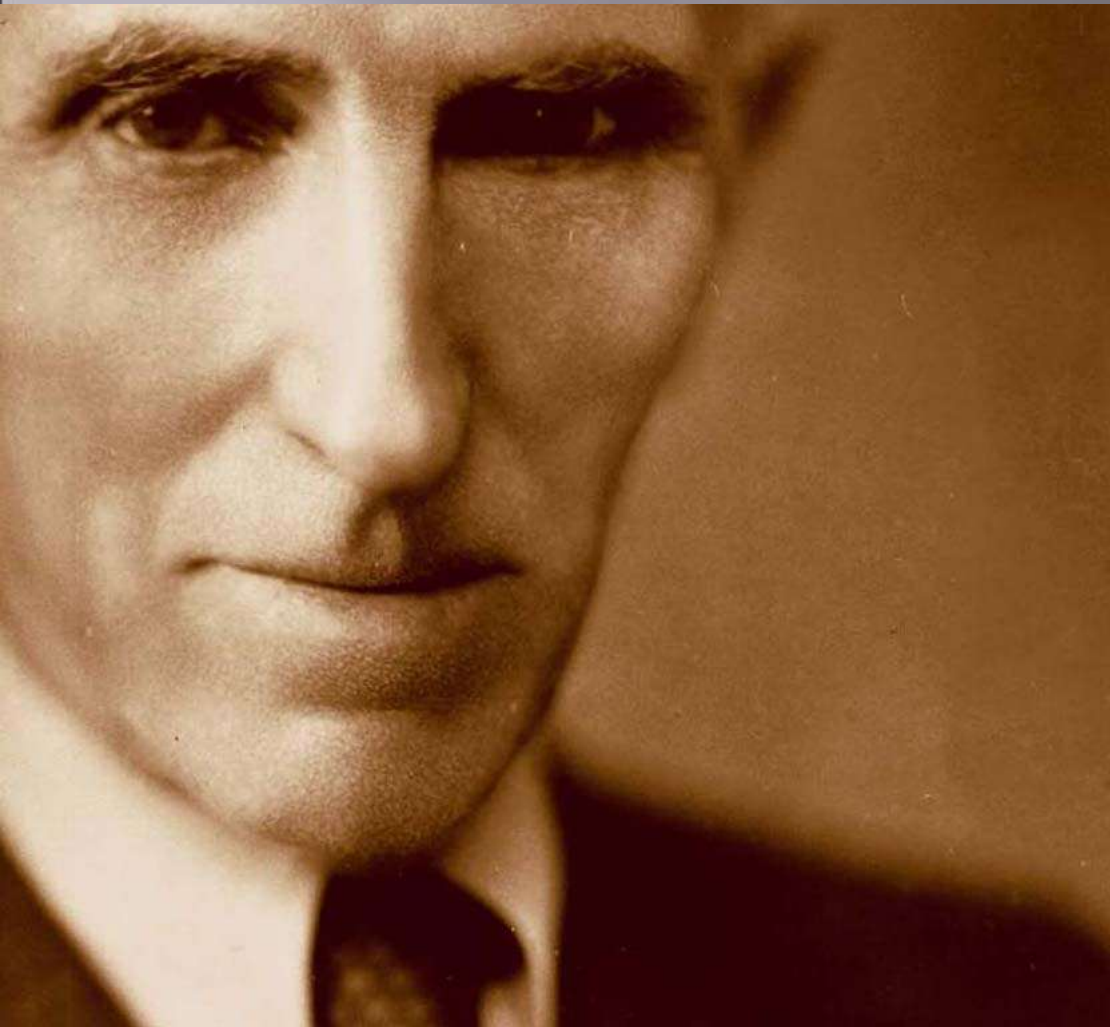


Tesla *doctrine*



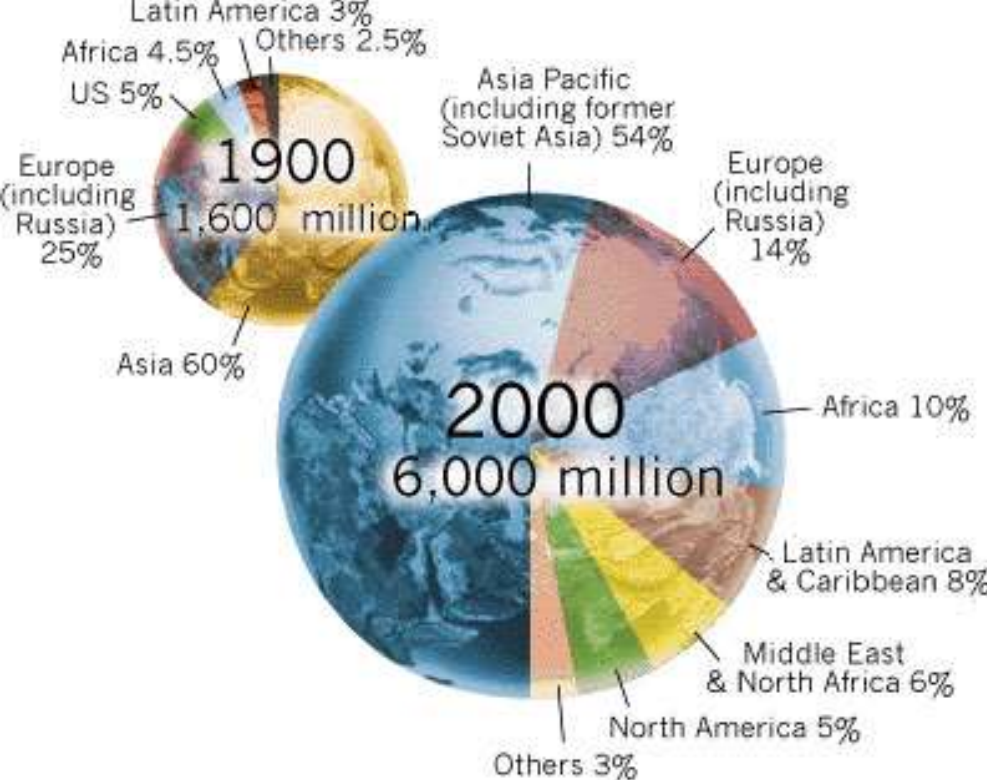
Tesla basic idea for the future is that there will be no healthy development of civilization without solving all three problems - social, moral and spiritual!





True sustainability, as Tesla has seen it, involves simultaneously addressing social, moral and spiritual problems of mankind, through the cherishment and education of such habits of a modern man that will enrich his character and develop his skills and guide him to help other people to raise them out of weighing problems.

WHAT'S HAPPENED TO THE WORLD



In 1900 Europe and North America controlled 84 per cent of the land surface⁴. The colonial system meant that there were only around 35 independent countries, almost half of which were in the Americas⁵. At the end of the century there are 193 independent states².

- About half the world's tropical forests were destroyed after 1950. About 75 per cent of the clearance provided land for agriculture. In West Africa three-quarters of all forests had been destroyed by the end of the century.
- No serious attempt has been made to deal with the problem

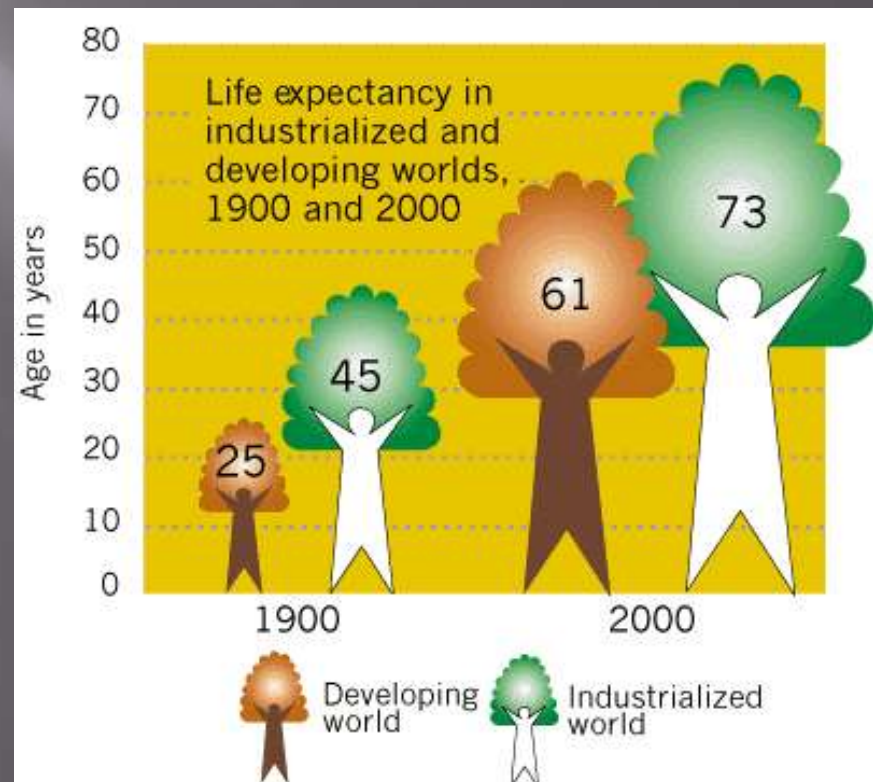
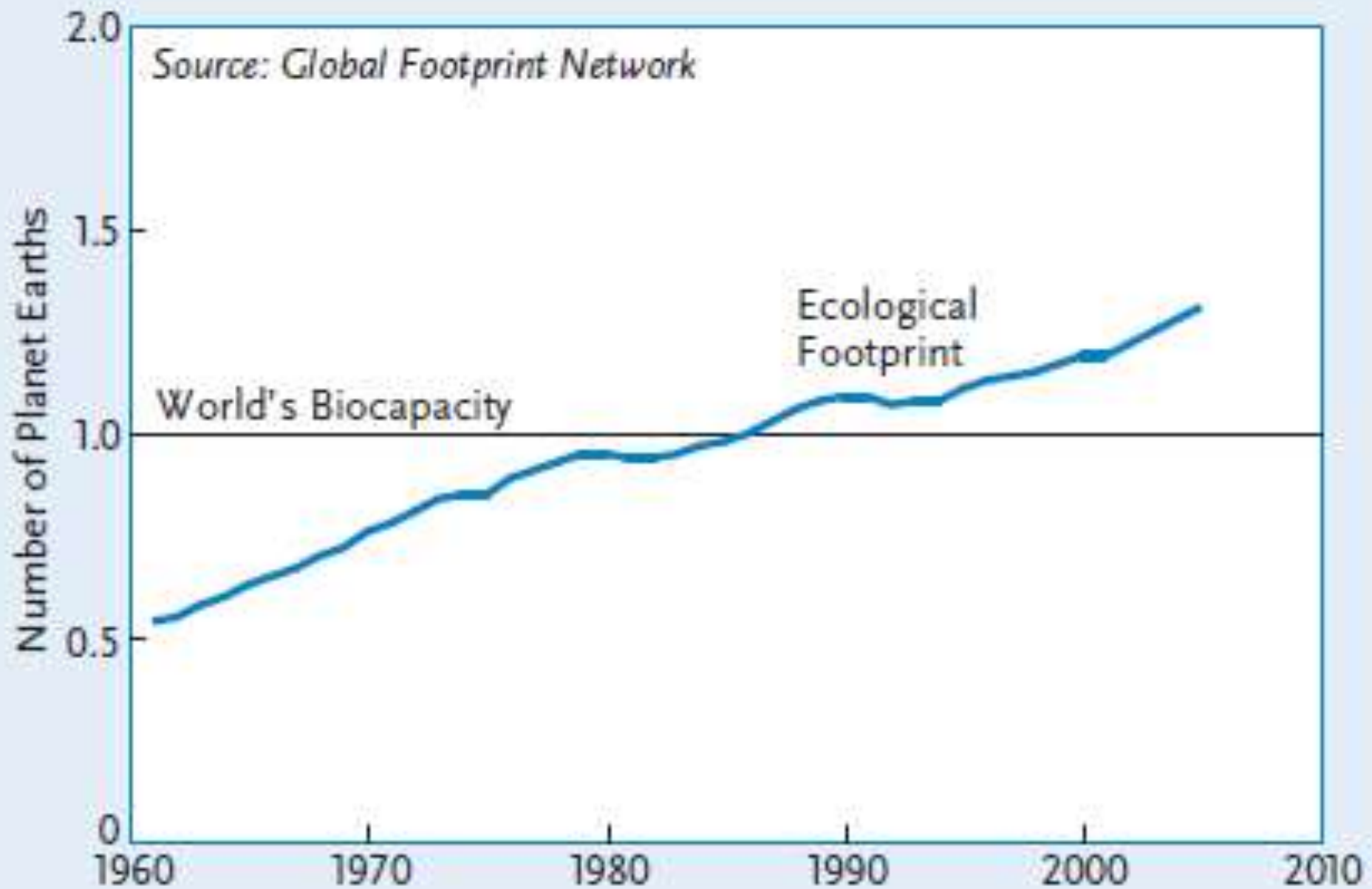


Figure 1. Humanity's Ecological Footprint, 1961–2005



WHAT'S HAPPENED WITH US

Well known philosopher said: machine adapts to the weaknesses of a man and from a weak man made machine

Are we slowly becoming a machines?

Are we becoming more and more insensetive?

NEW KEY WORDS

- ▣ SOCIAL INOVATION
- ▣ SYSTEM THINKING
- ▣ TRUE SUSTAINABILITY NET

MISSION OF TESLA DOCTRINE RESEARCH CENTER

research, understanding, spreading of
Tesla doctrine and interacting with
similar organizations and individuals
all over the world

THANK YOU!

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