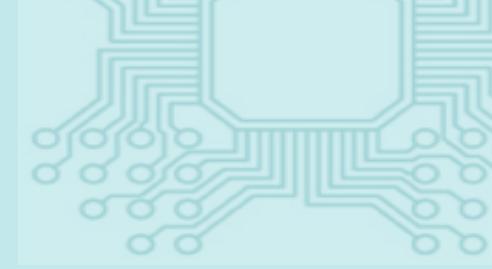
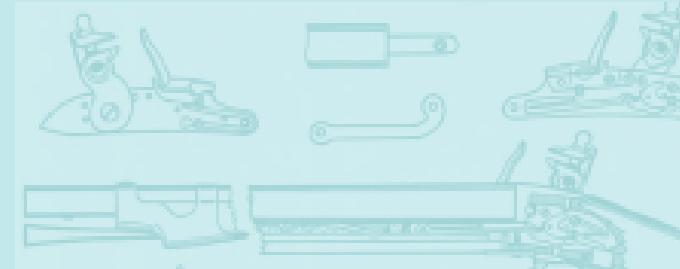
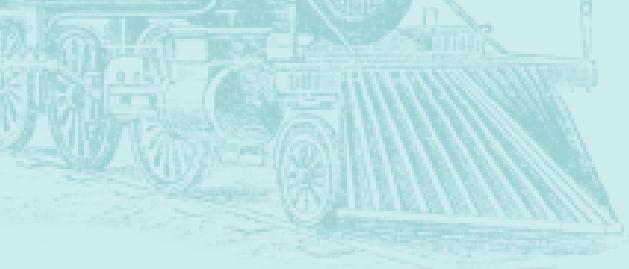


The *Energy*  
**INNOVATION  
IMPERATIVE**



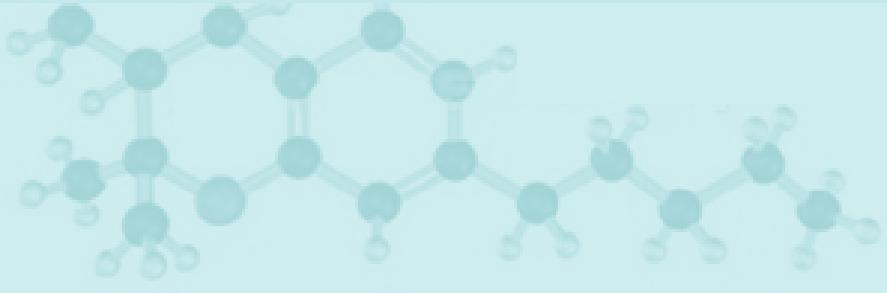


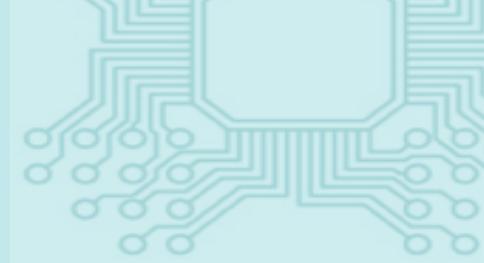
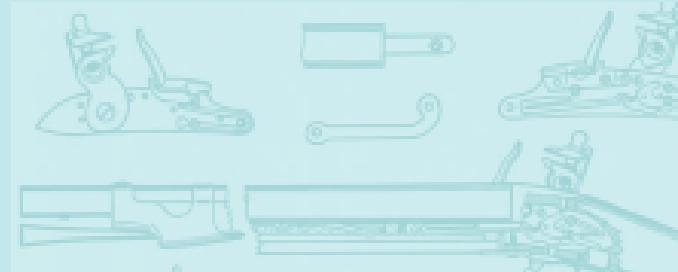
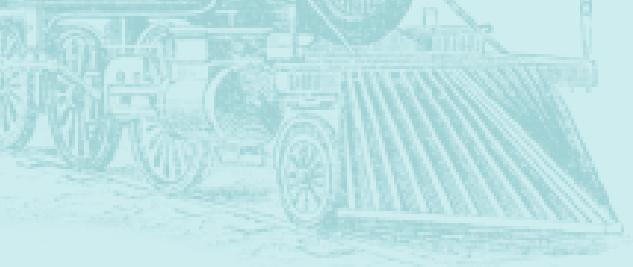
ACT ONE

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WHERE *Good*  
**TECHNOLOGIES**  
**COME FROM**

---





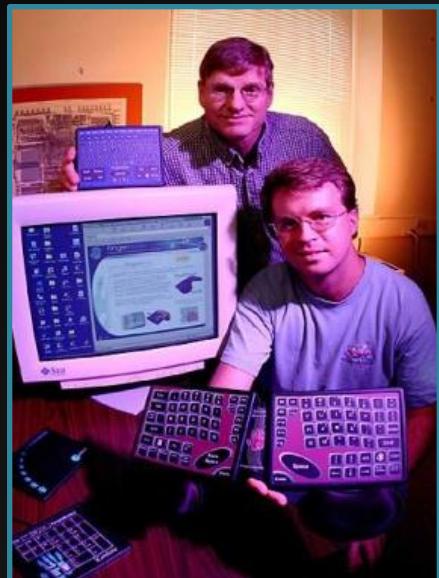
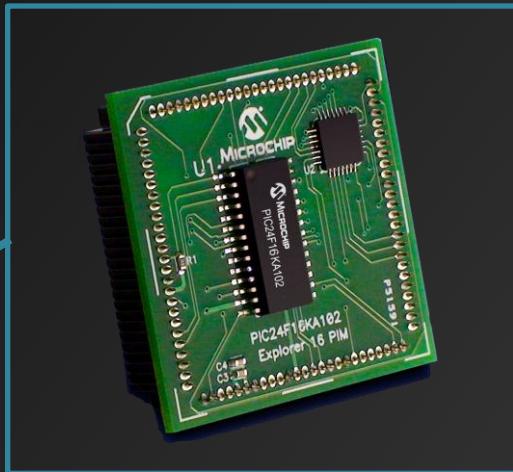
**AMGEN**



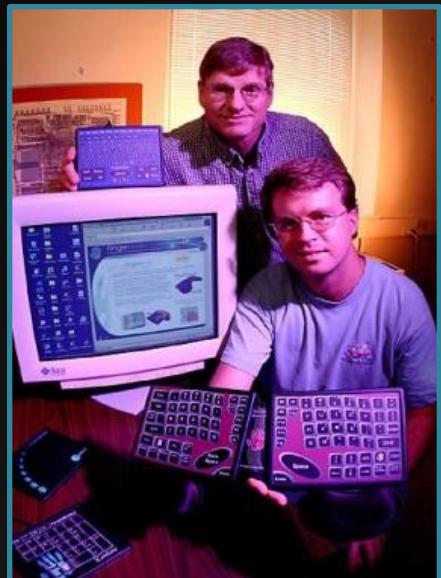
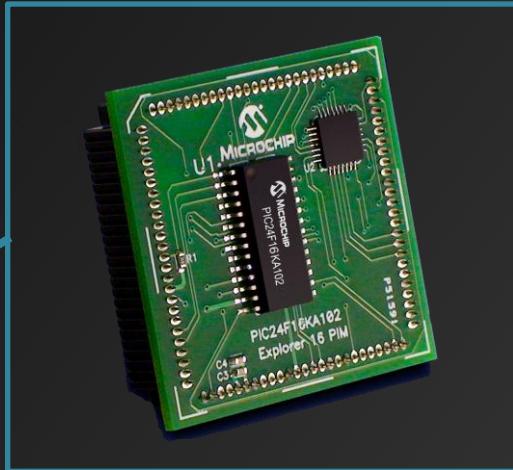




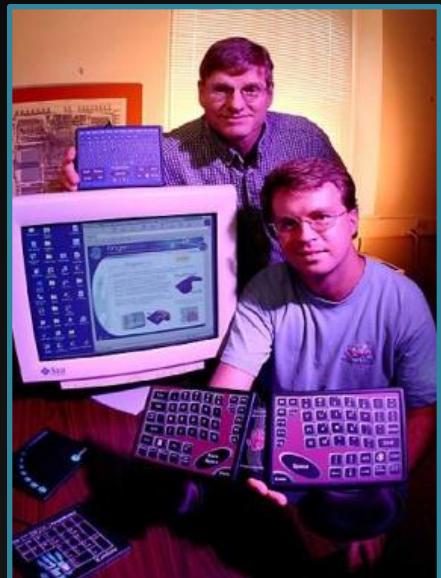
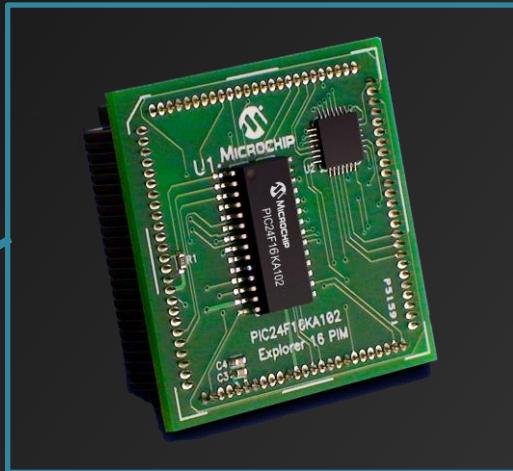
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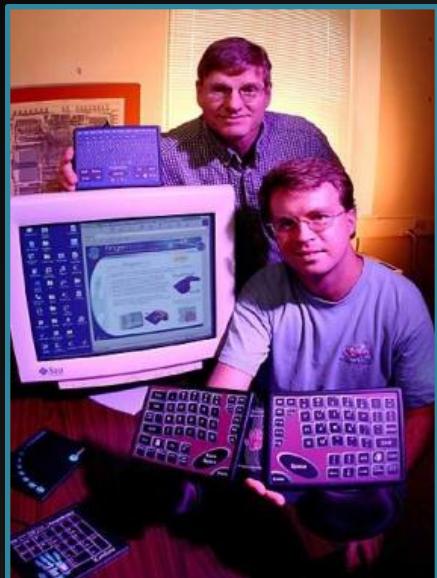
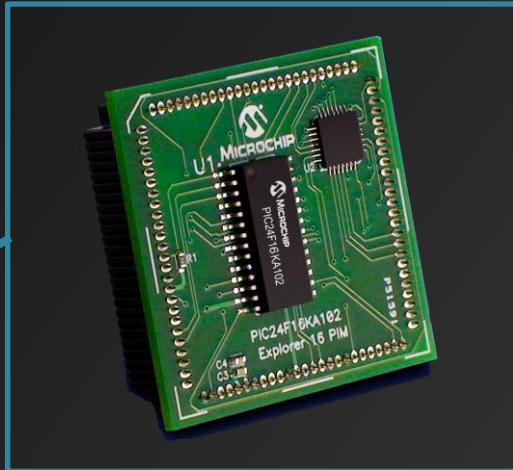
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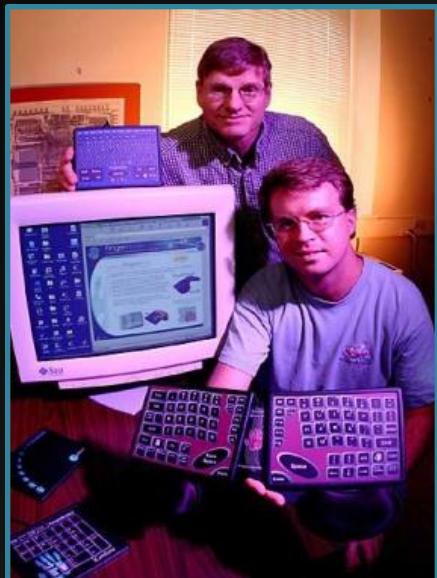
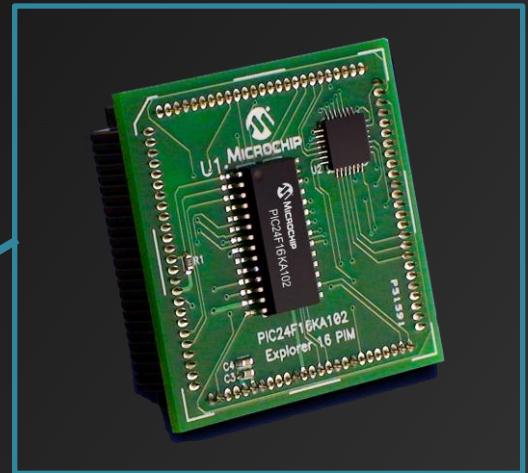
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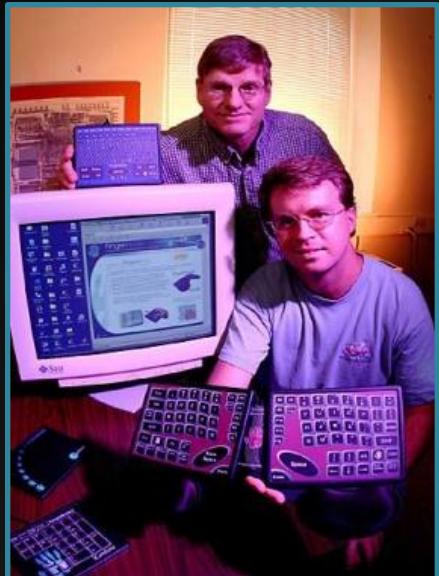
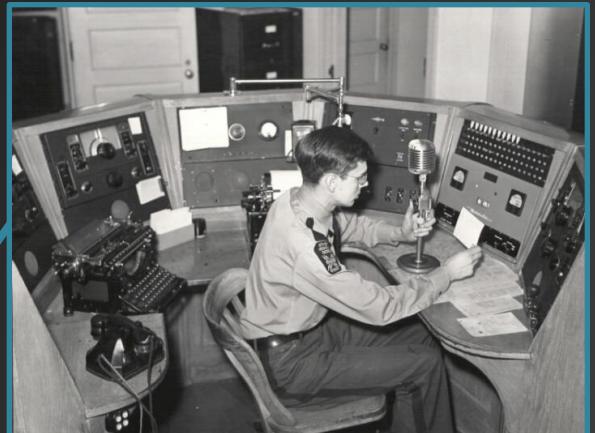
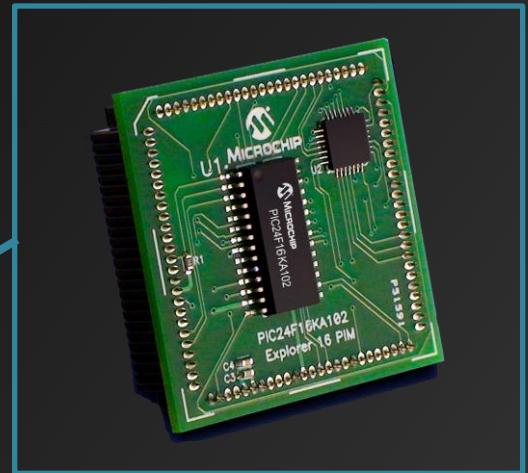
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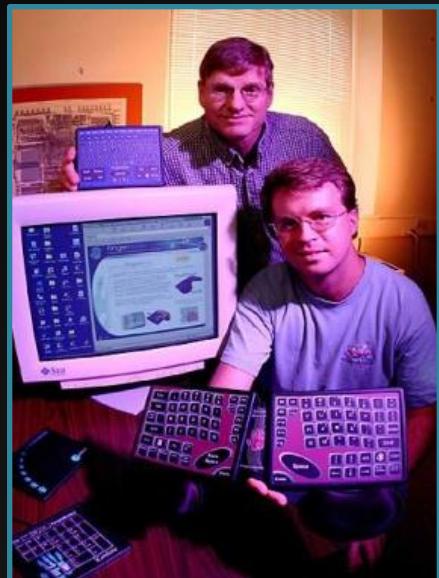
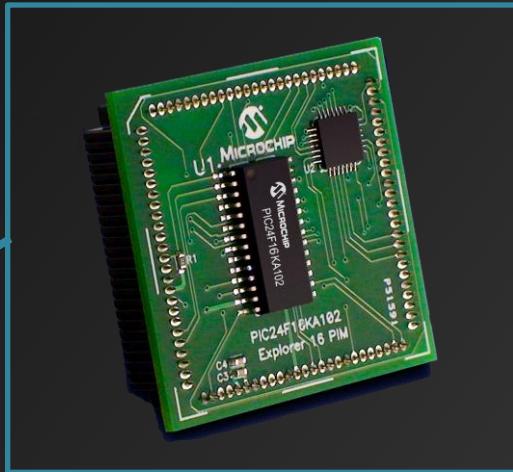
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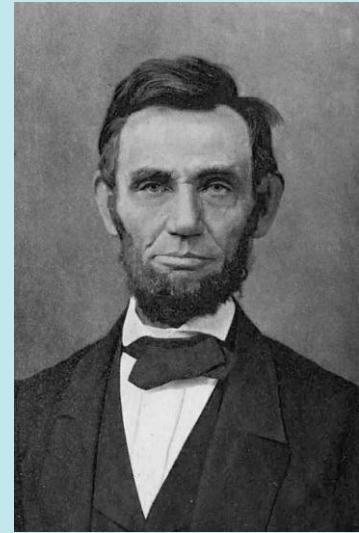
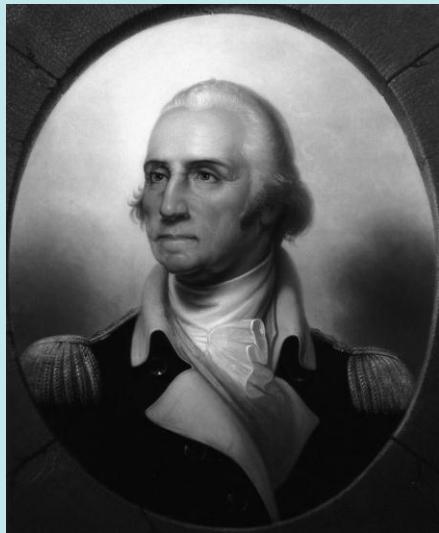


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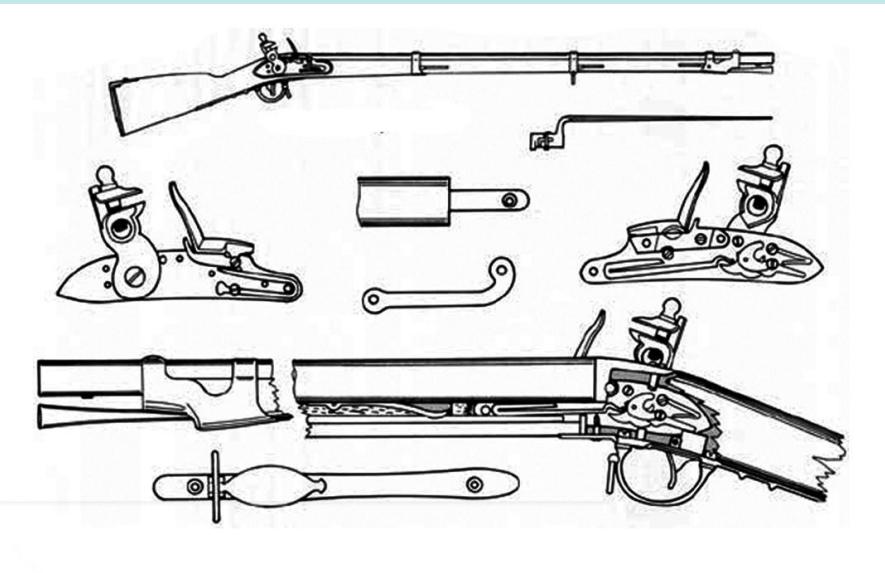


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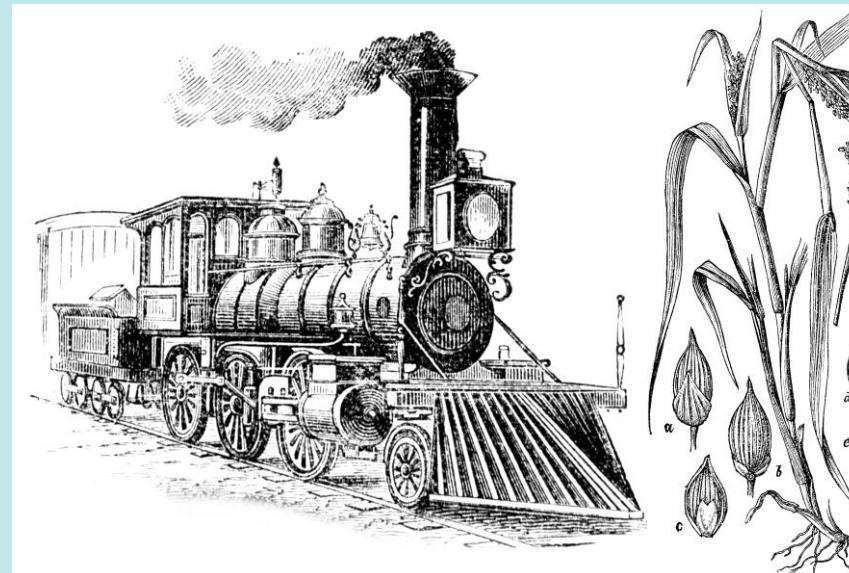


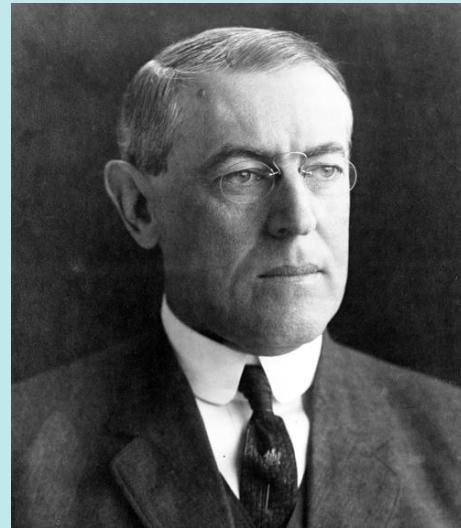
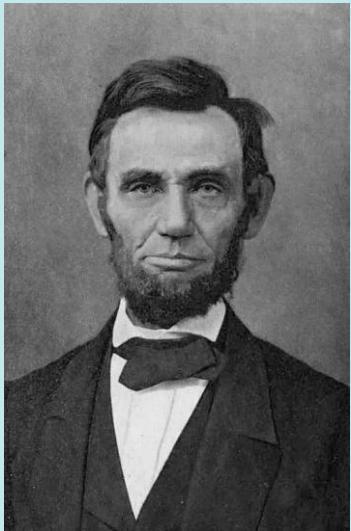


1794



1862

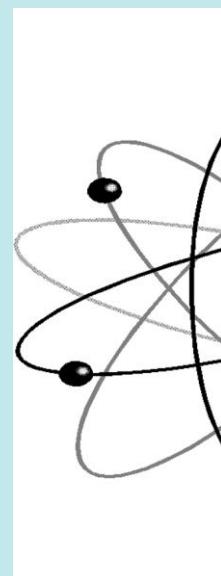
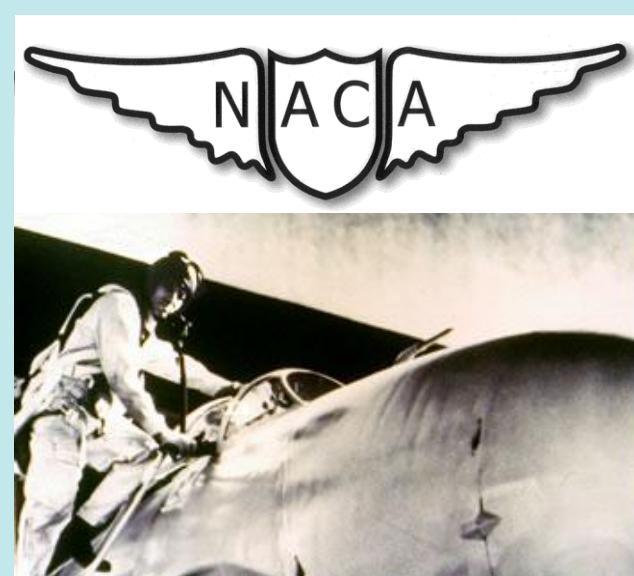
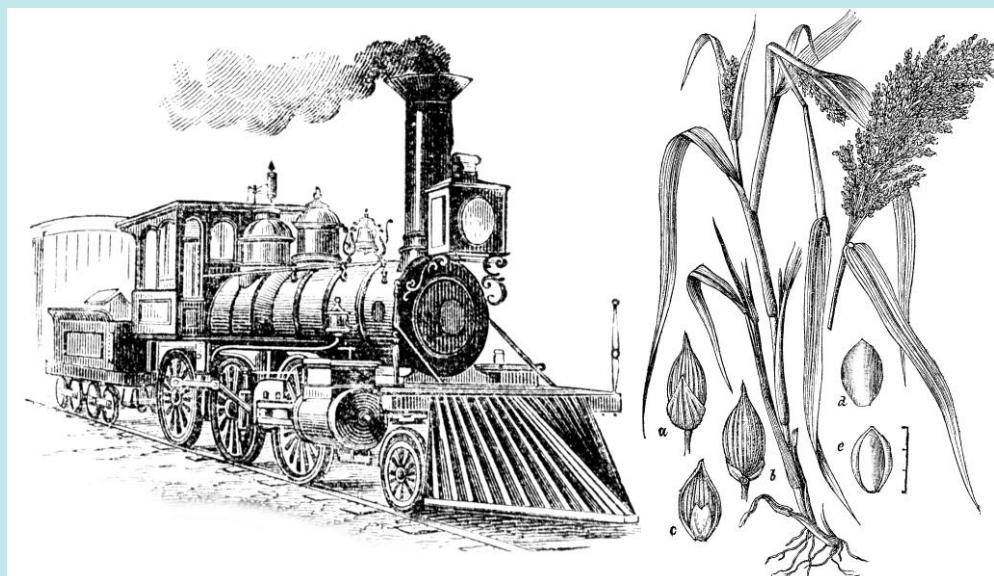


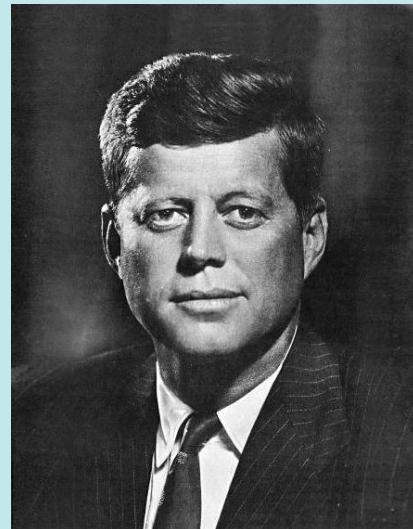
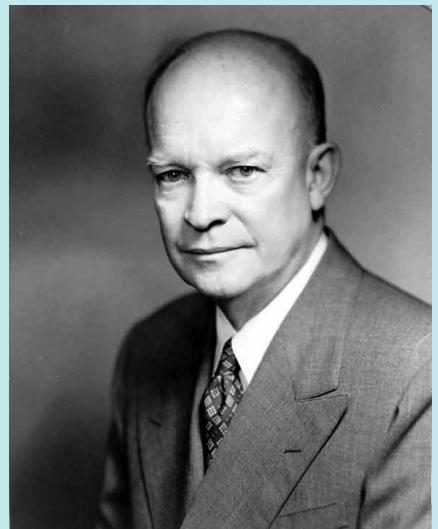
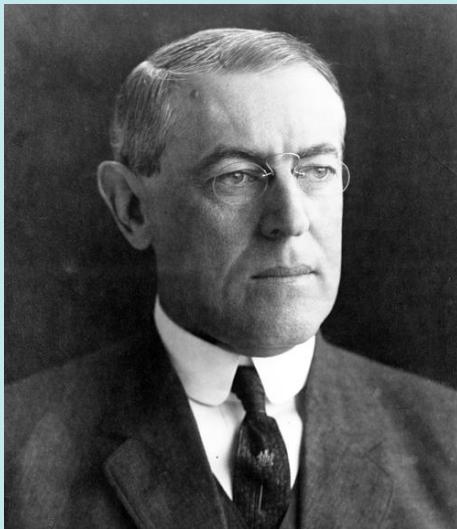


1862

1915

19

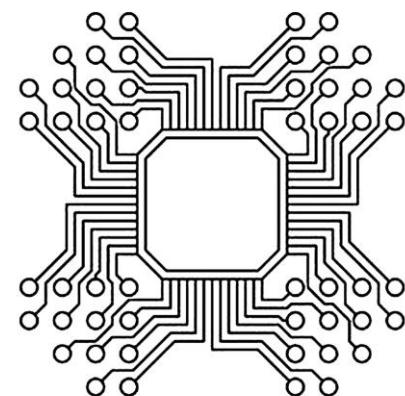
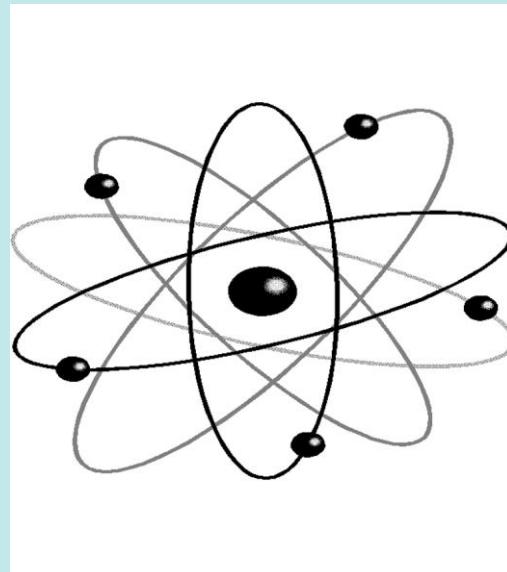


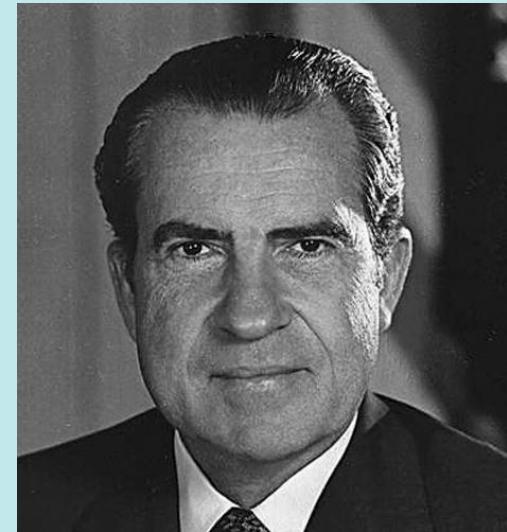
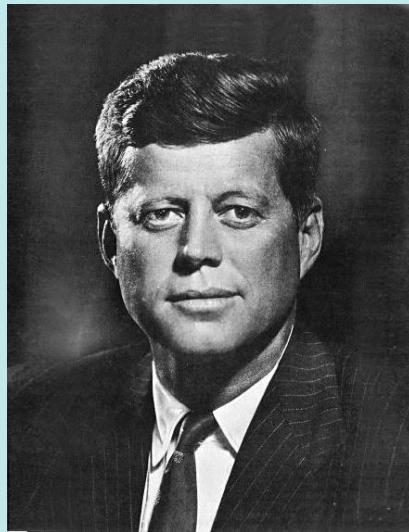


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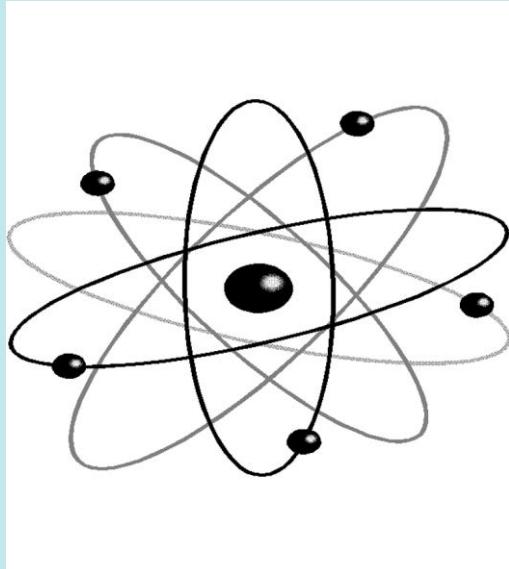
1953

1961

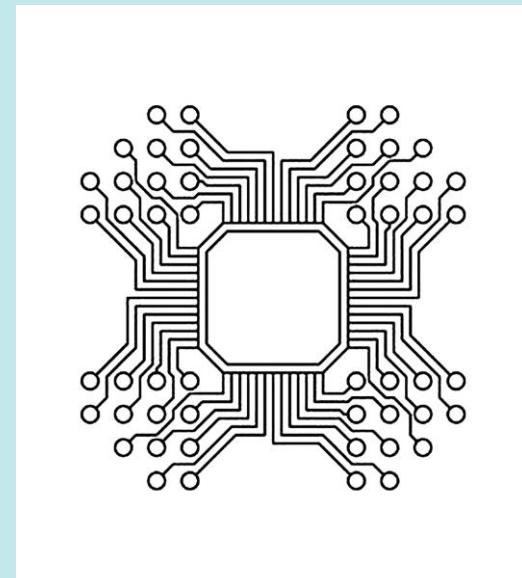




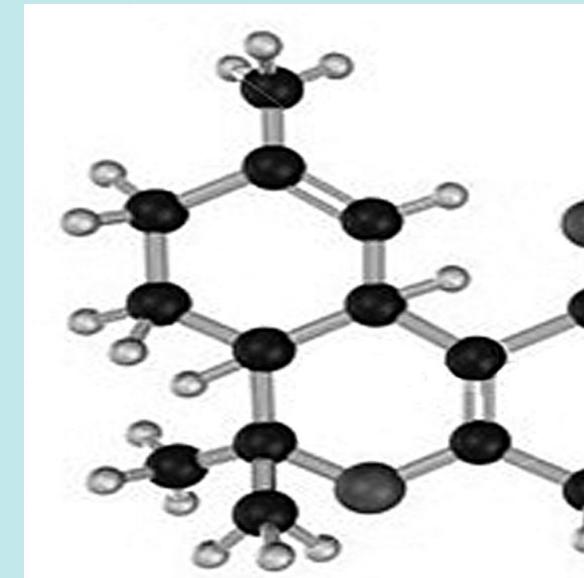
1953

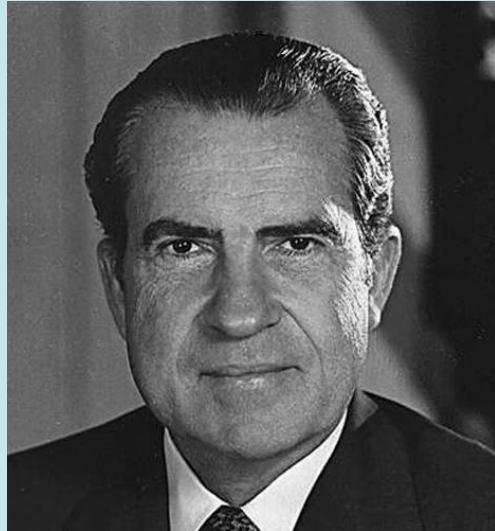


1961



1971



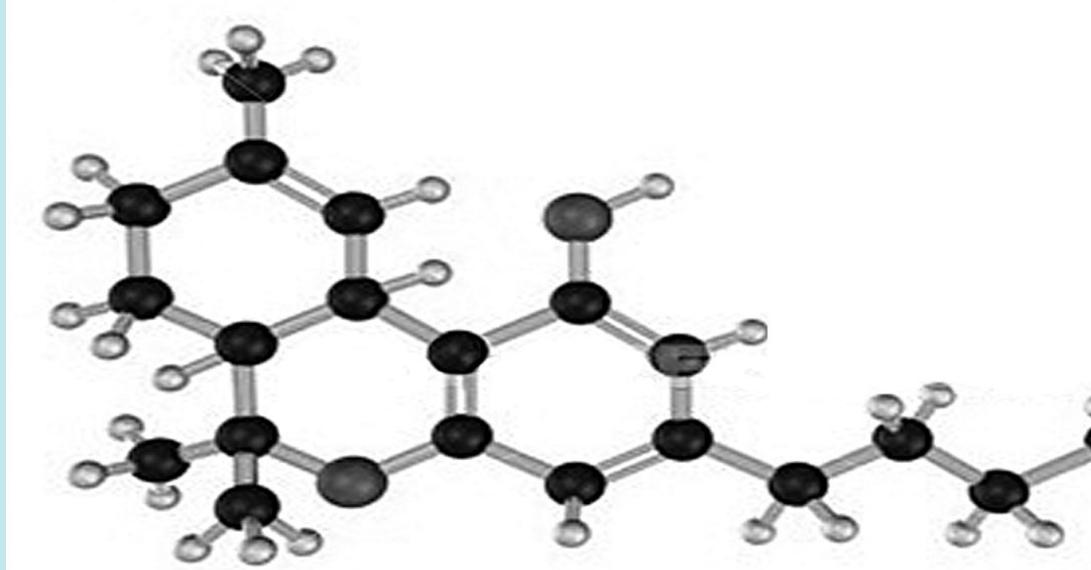
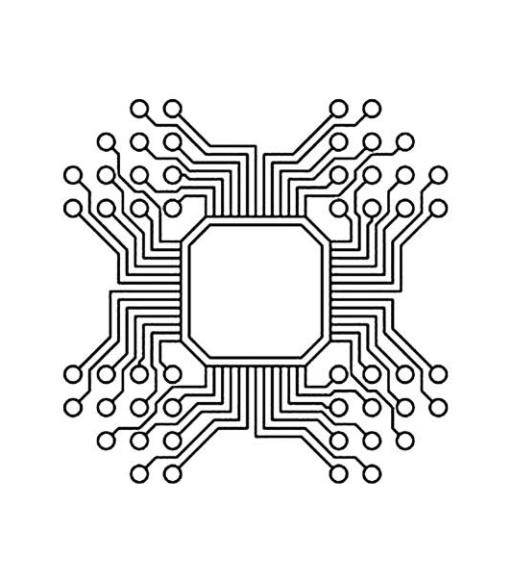
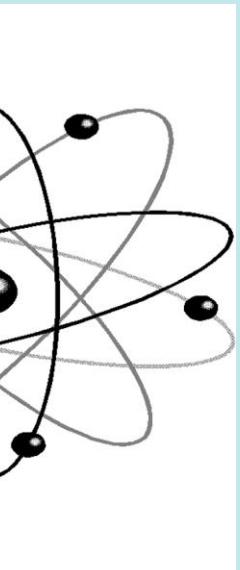


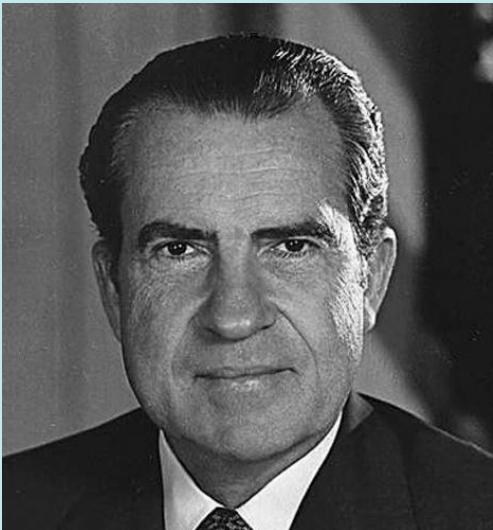
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1961

1971

1995

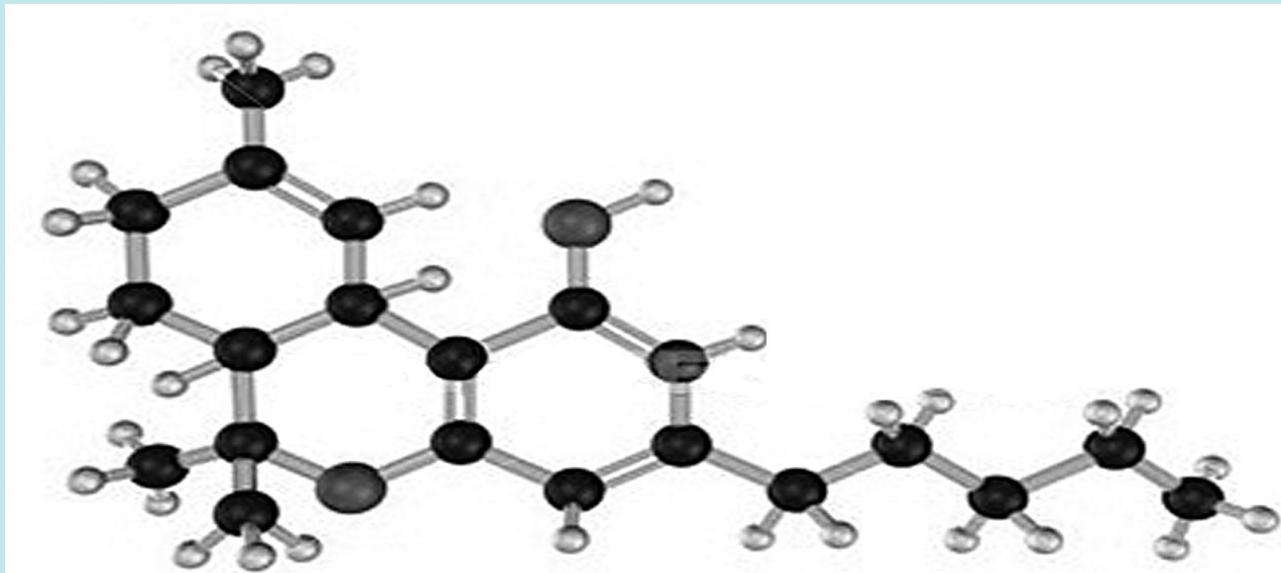
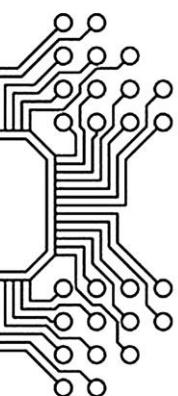


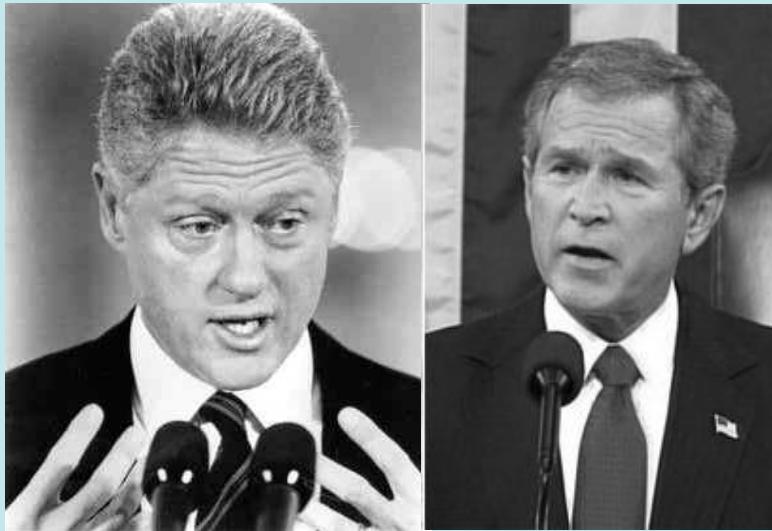


51

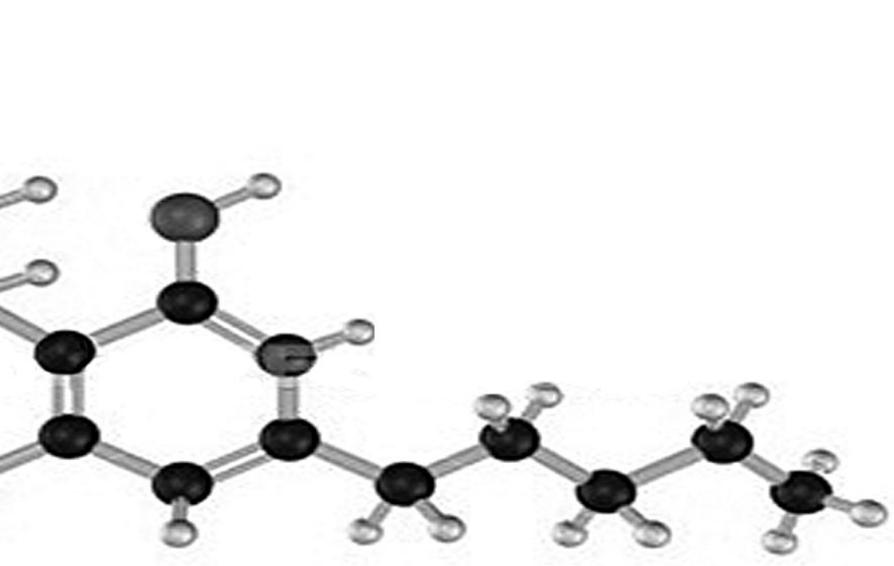
1971

1995-2008



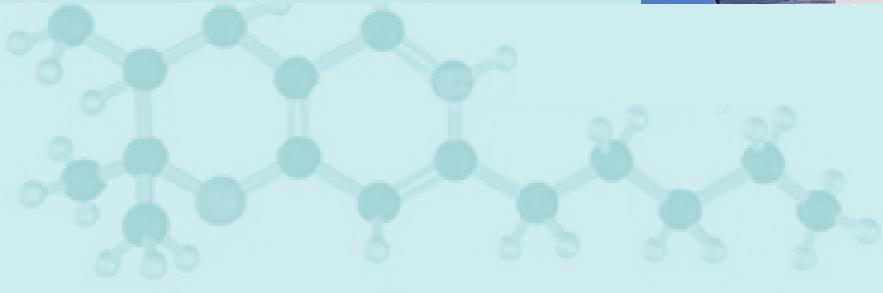
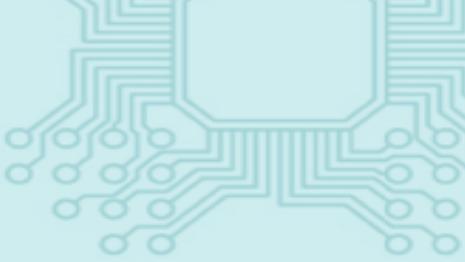
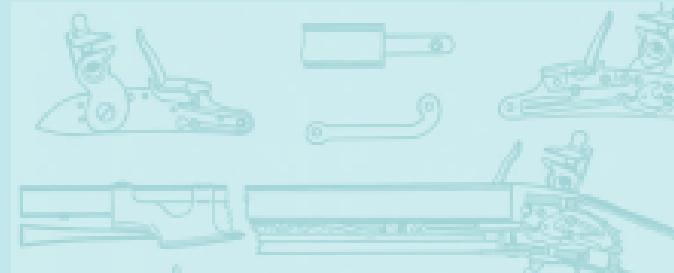
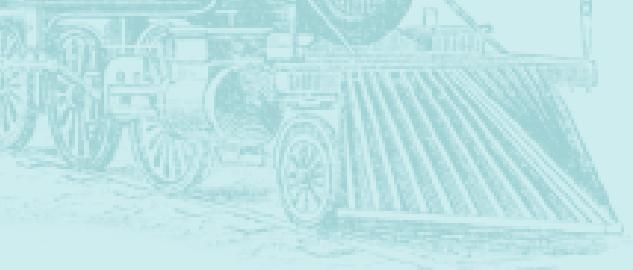


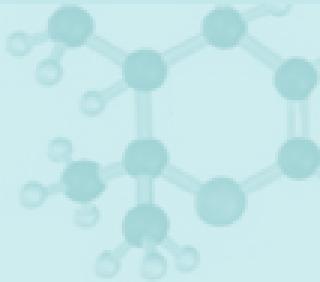
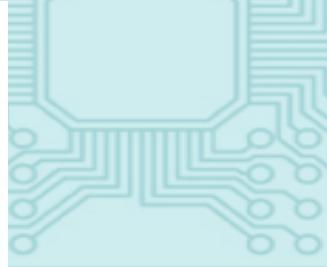
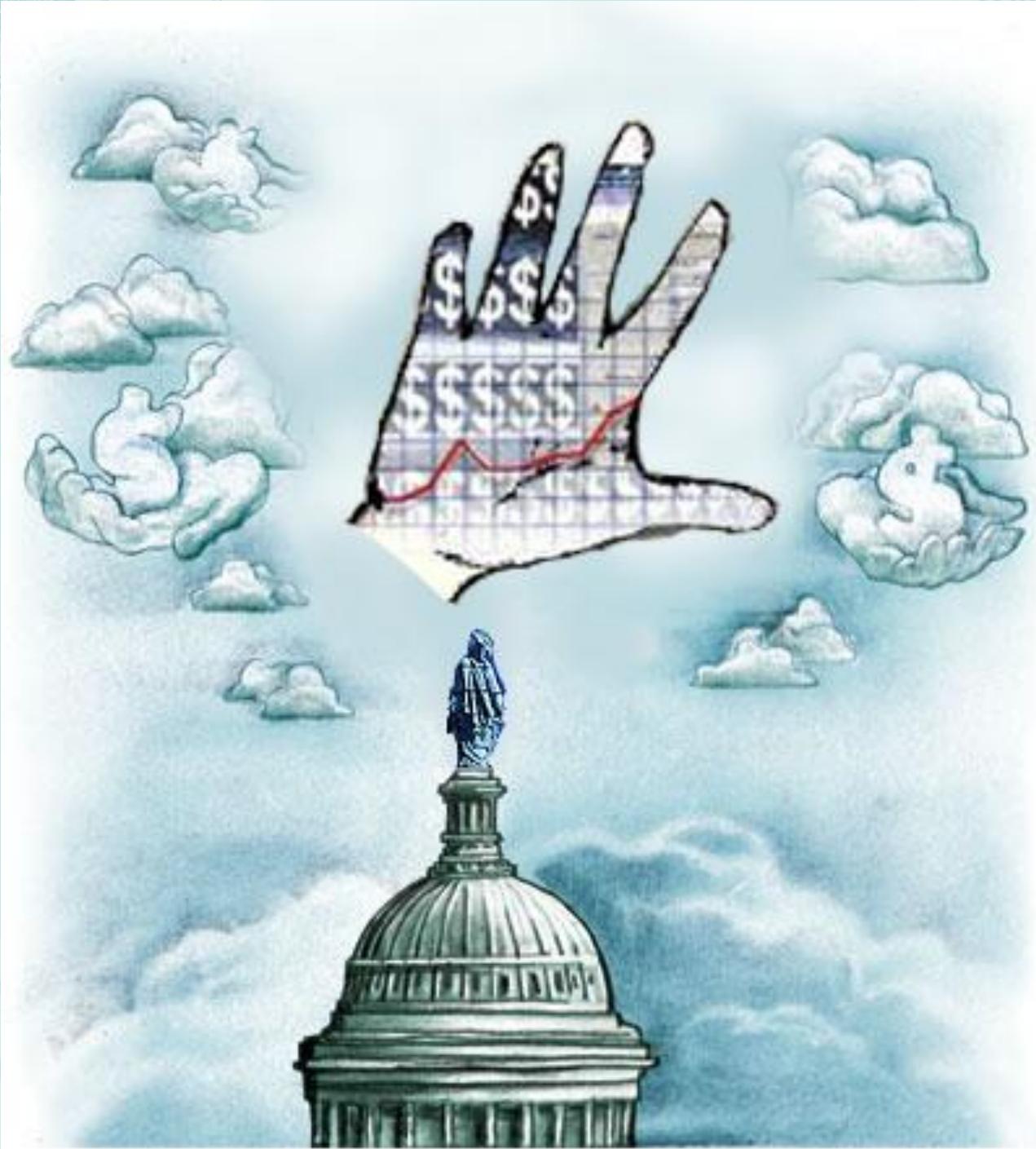
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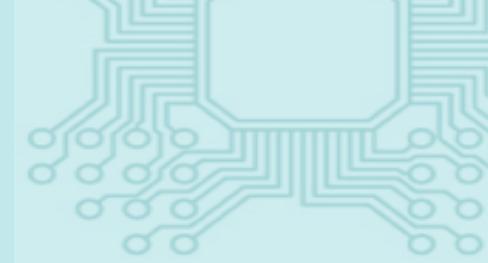
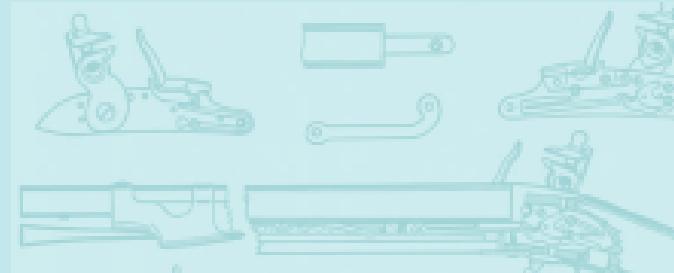
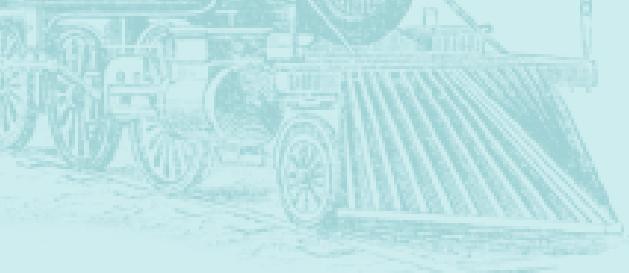
Investor  
in  
Innovatio  
n

Demandi  
ng  
Customer



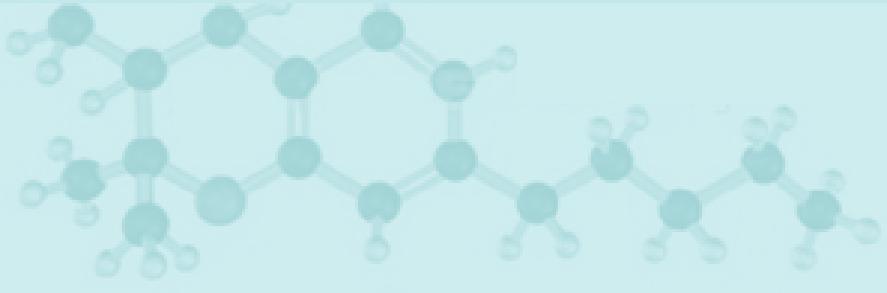


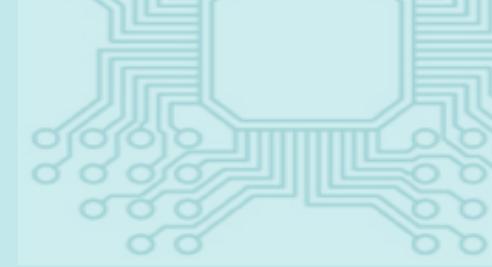
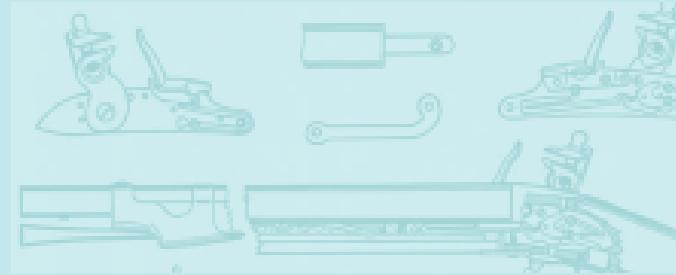
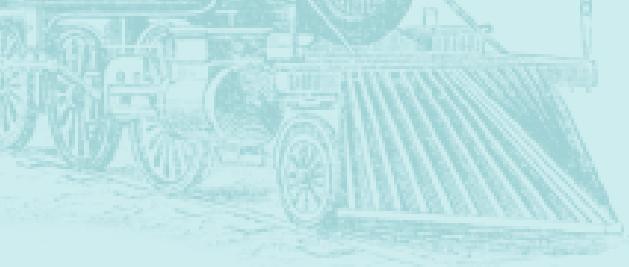




ACT TWO

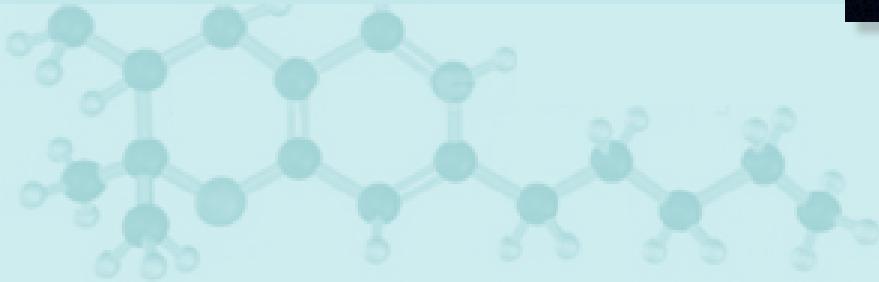
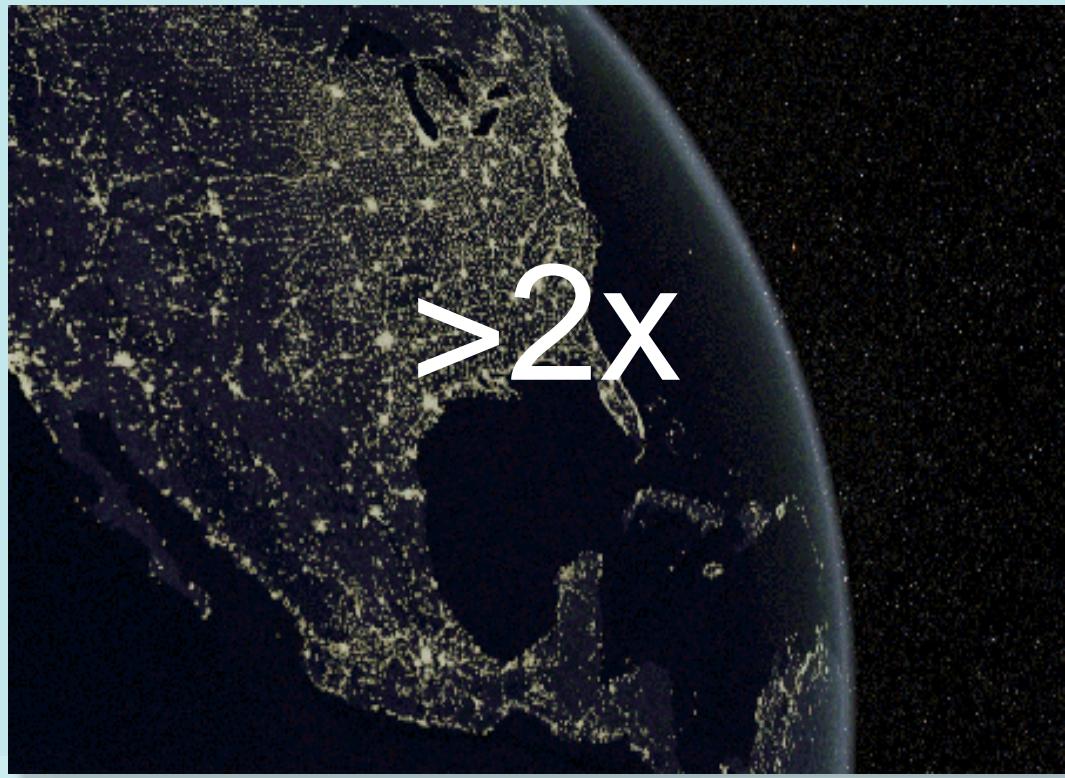
Making *Clean*  
**ENERGY CHEAP**

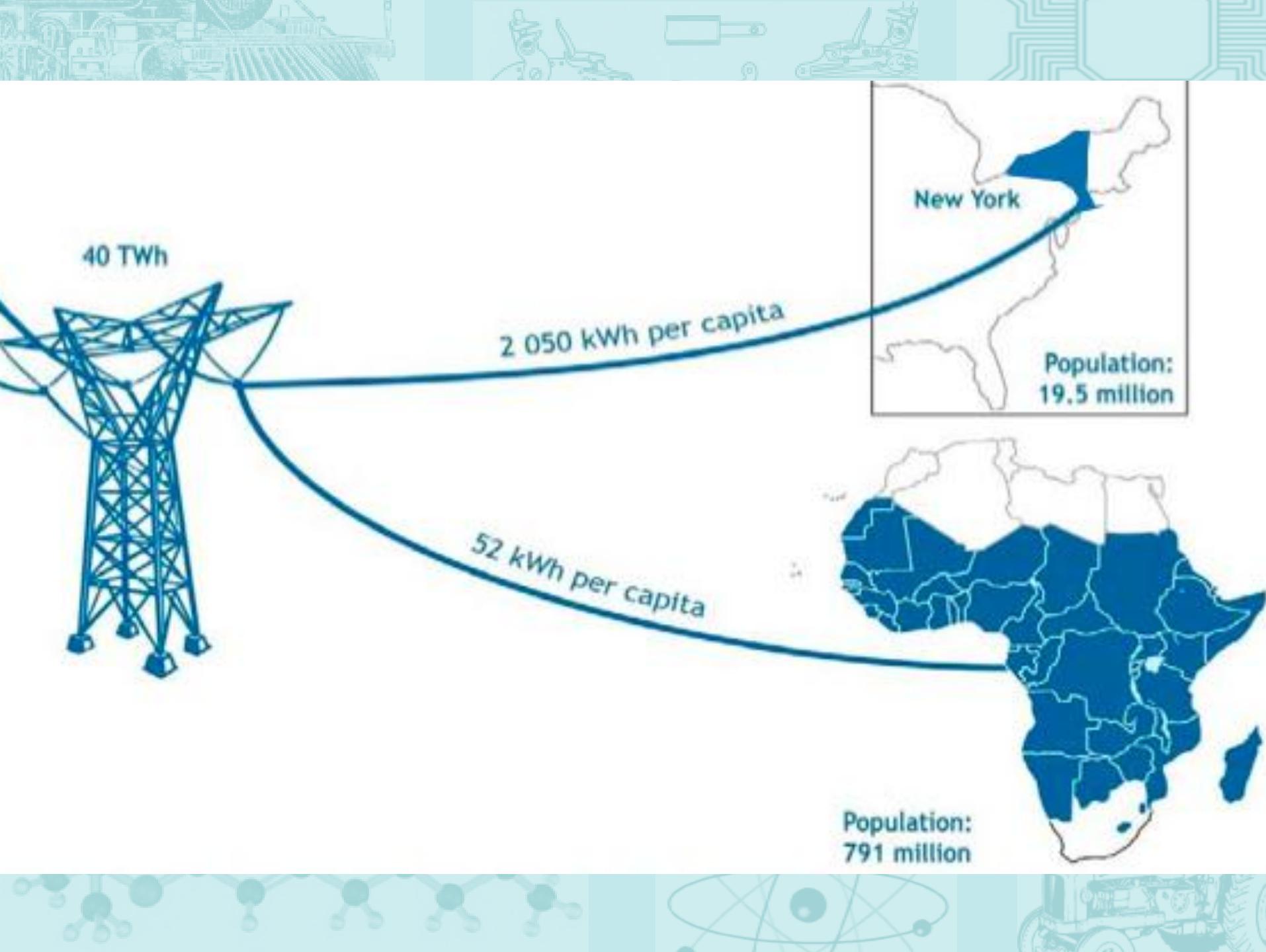


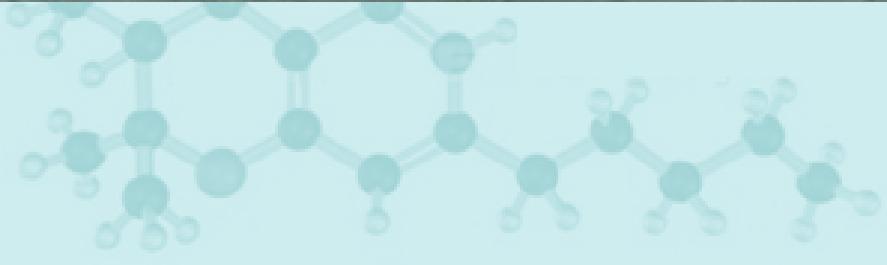


# POPULATION

# ENERGY



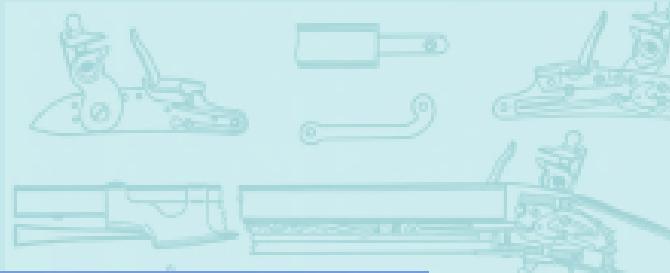
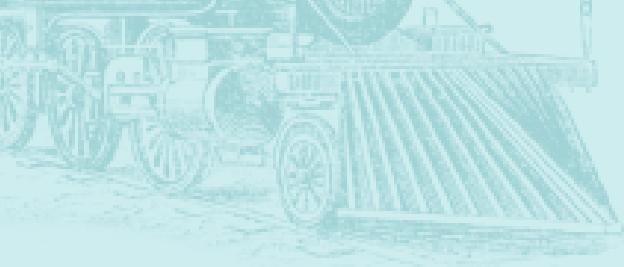




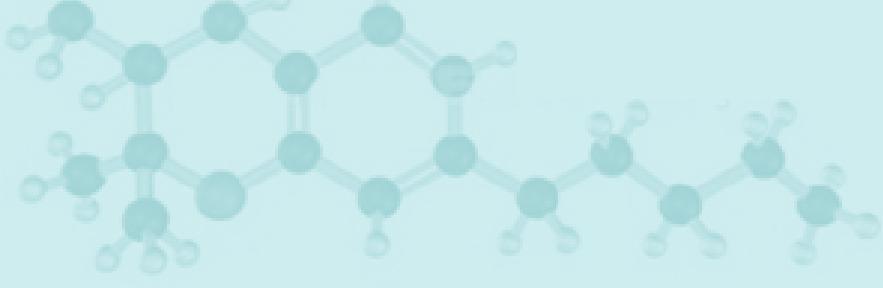
\$1.4 Billion Per  
Day

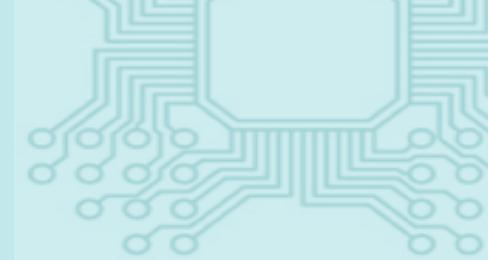
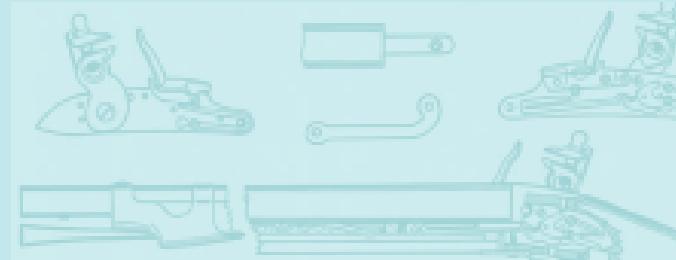






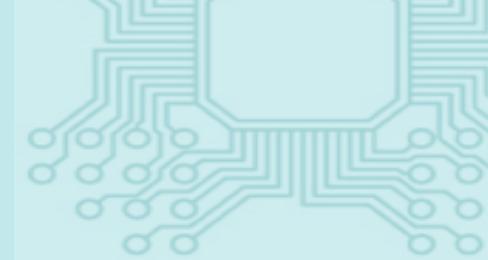
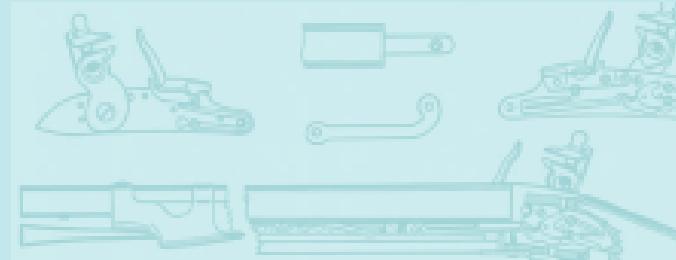
7:00



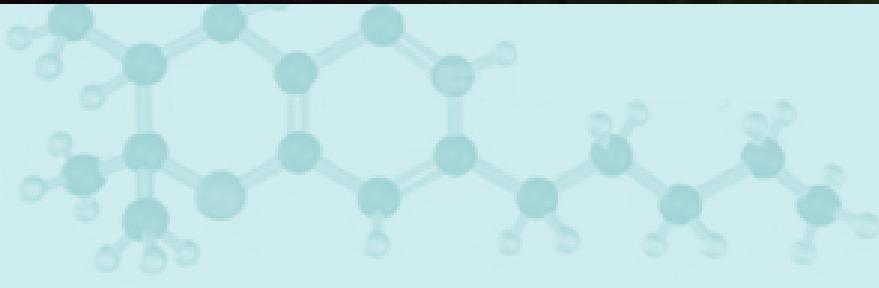


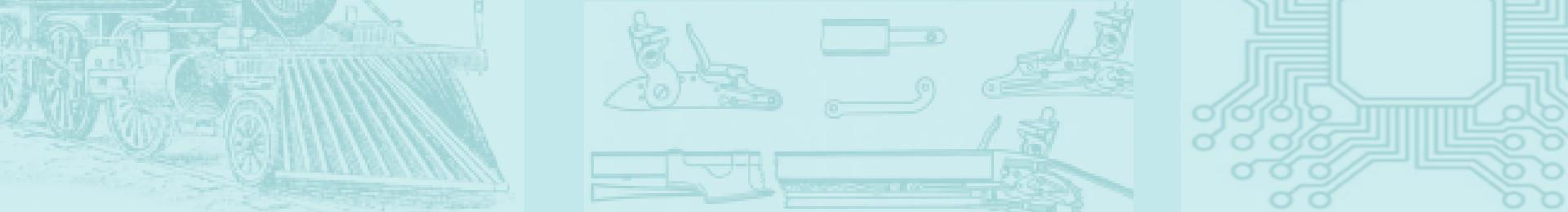
6-7x





# Two Days

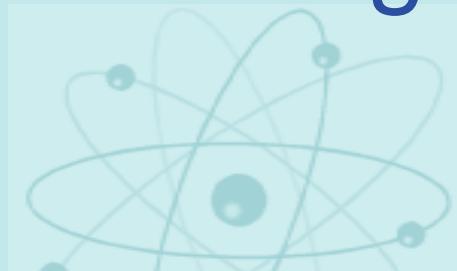


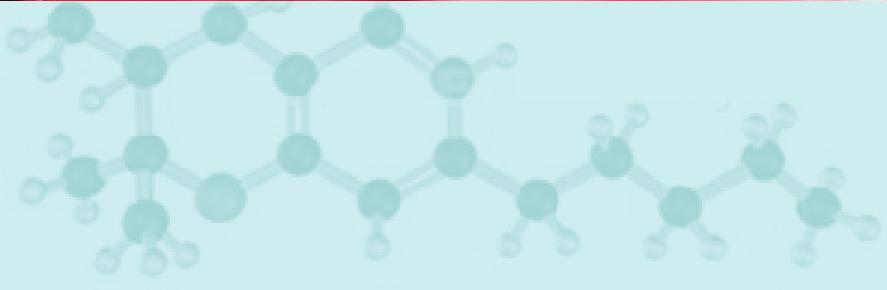


We must develop

**CLEAN  
CHEAP &  
MASSIVELY  
-ABLE**

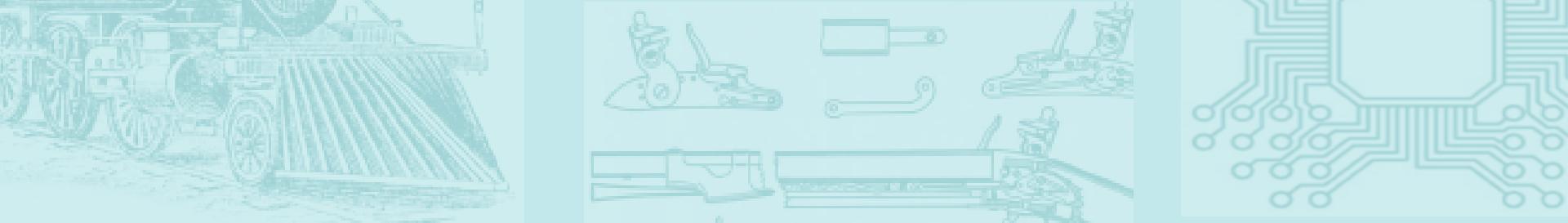
-energy technologies-----





- 
- A large, slightly wrinkled American flag serves as the background for the slide. The stars are in the upper left corner, and the red and white stripes run diagonally across the frame.
1. INVEST IN ENERGY SCIENCE AND EDUCATION
  2. RESTRUCTURE THE ENERGY INNOVATION SYSTEM
  3. REFORM ENERGY SUBSIDIES TO DEMAND INNOVATION





# The *Energy* INNOVATION **IMPERATIVE**

Jesse Jenkins  
Breakthrough Institute  
[jesse@theBreakthrough.org](mailto:jesse@theBreakthrough.org)

<http://theBreakthrough.org>





# WHERE *Good* TECHNOLOGIES COME FROM



GEORGE WASHINGTON

Interchangeable

Parts

1794



ABRAHAM LINCOLN

Railroads &  
Agricultural Research

1862



DWIGHT D. EISENHOWER

Nuclear  
Power

1956



JOHN F. KENNEDY

Microchips

1961



RICHARD NIXON

Biomedical  
Research

1971

## CASE STUDIES IN AMERICAN INNOVATION

December 2010

Breakthrough  
Institute Report:

<http://bit.ly/AmericanInnovation>

# POST-PARTISAN POWER

HOW A LIMITED AND DIRECT APPROACH TO ENERGY INNOVATION  
CAN DELIVER CLEAN, CHEAP ENERGY,  
ECONOMIC PRODUCTIVITY AND NATIONAL PROSPERITY

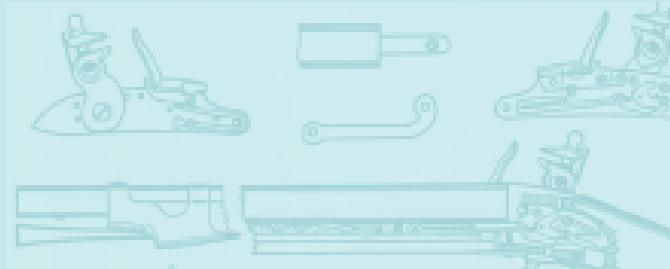
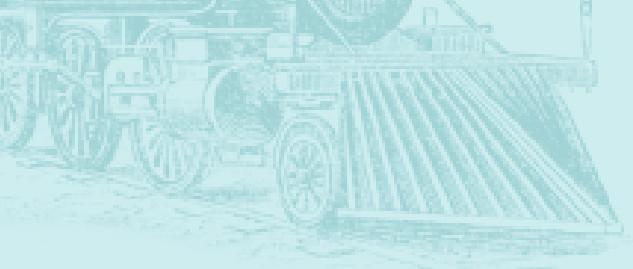
Steven F. Hayward, Resident Scholar, American Enterprise Institute,

Mark Muro, Senior Fellow, Metropolitan Policy Program, Brookings Institution,

Ted Nordhaus and Michael Shellenberger, Cofounders, Breakthrough Institute

Breakthrough  
Institute Report:

[http://bit.ly/PostP  
artisanPower](http://bit.ly/PostPartisanPower)



Stay tuned for more...

Breakthrough Institute  
<http://theBreakthrough.org>

