

Key Note APDC, Qualificações Digitais

Milton Sousa



Accredited by:



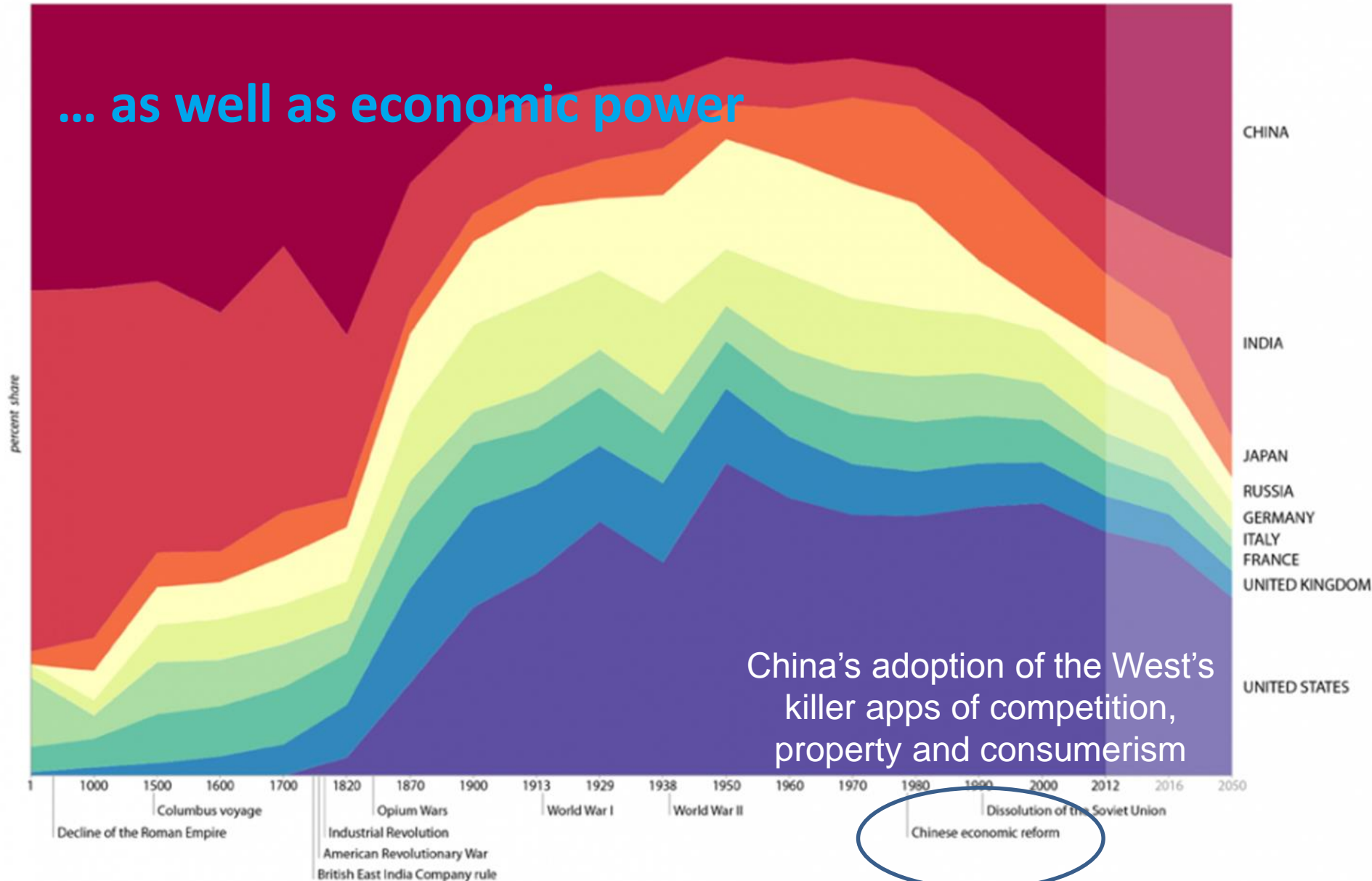
Member of:



A history of balance of power

based on percentage share of combined GDP (PPP) of the 9 great powers

... as well as economic power

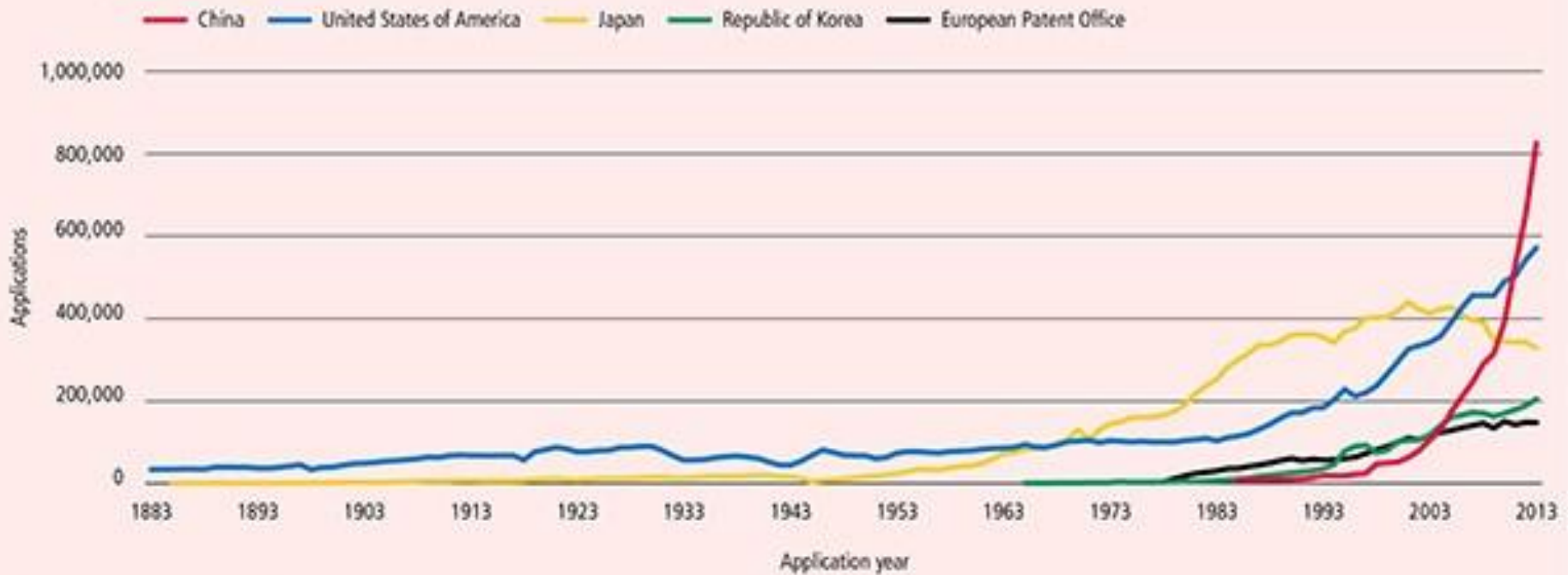


China's adoption of the West's killer apps of competition, property and consumerism

Innovation... Moving East

Japan (1960s) => South Korea (1980s) => China (1990s)

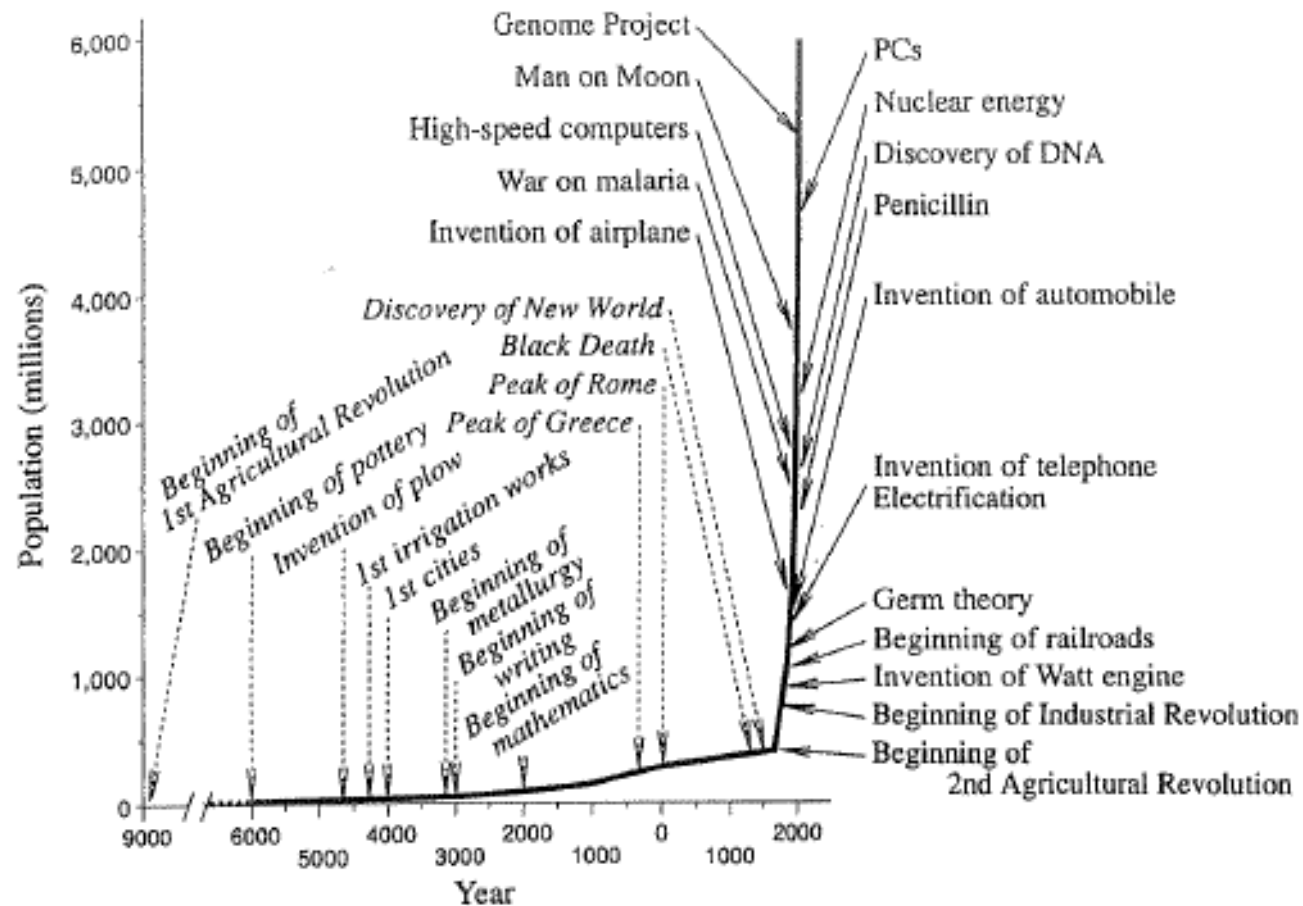
Trend in patent applications for the top five offices



Source: Standard figure A7.

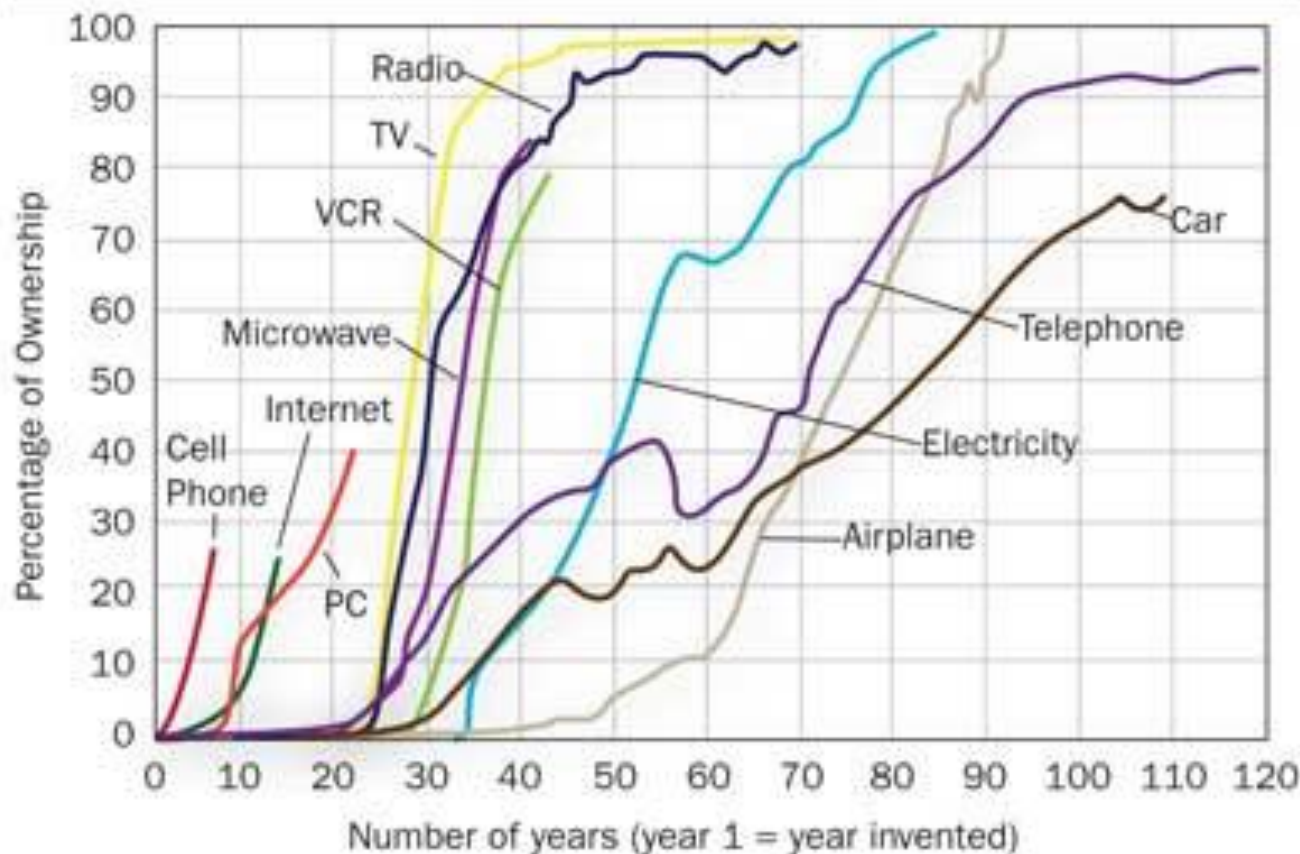
Technology and Population Explosion

TECHNOLOGICAL CHANGE, CULTURAL TRANSFORMATIONS, AND POLITICAL CRISES



Globalization and technology diffusion (s-curves)

Technology Adoption

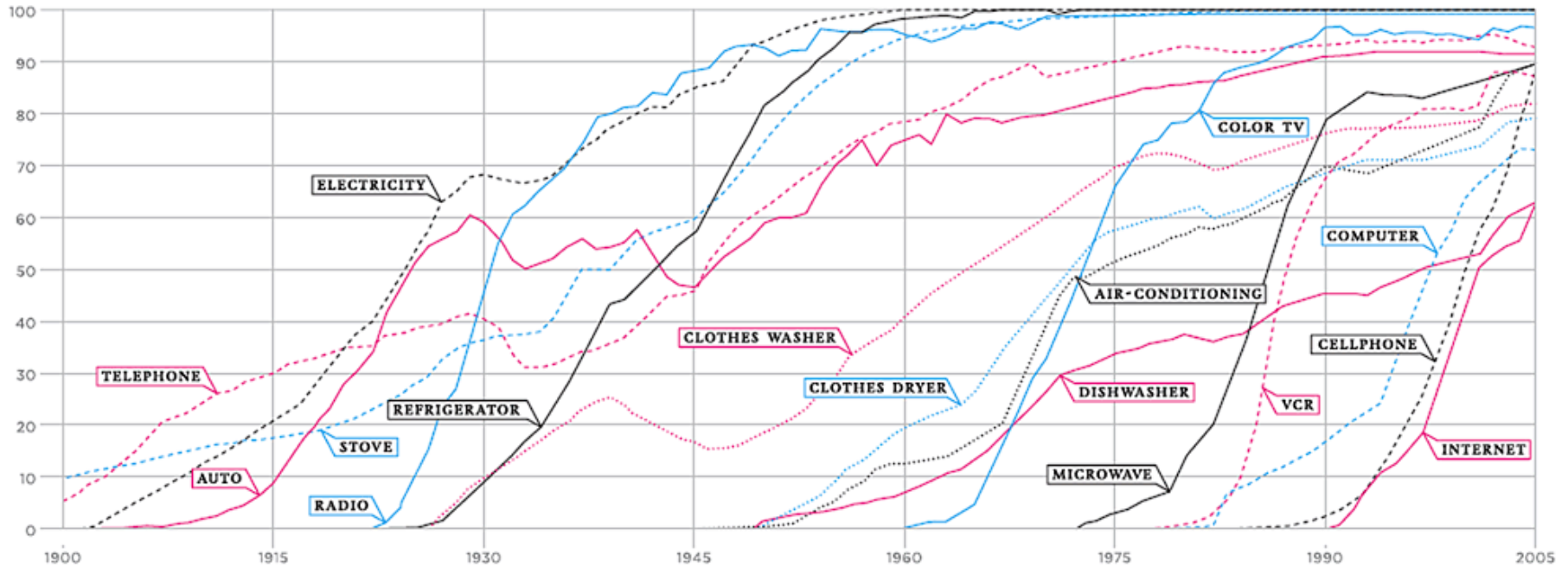


**Faster and
faster
introduction
and adoption**

Globalization and technology diffusion (s-curves)

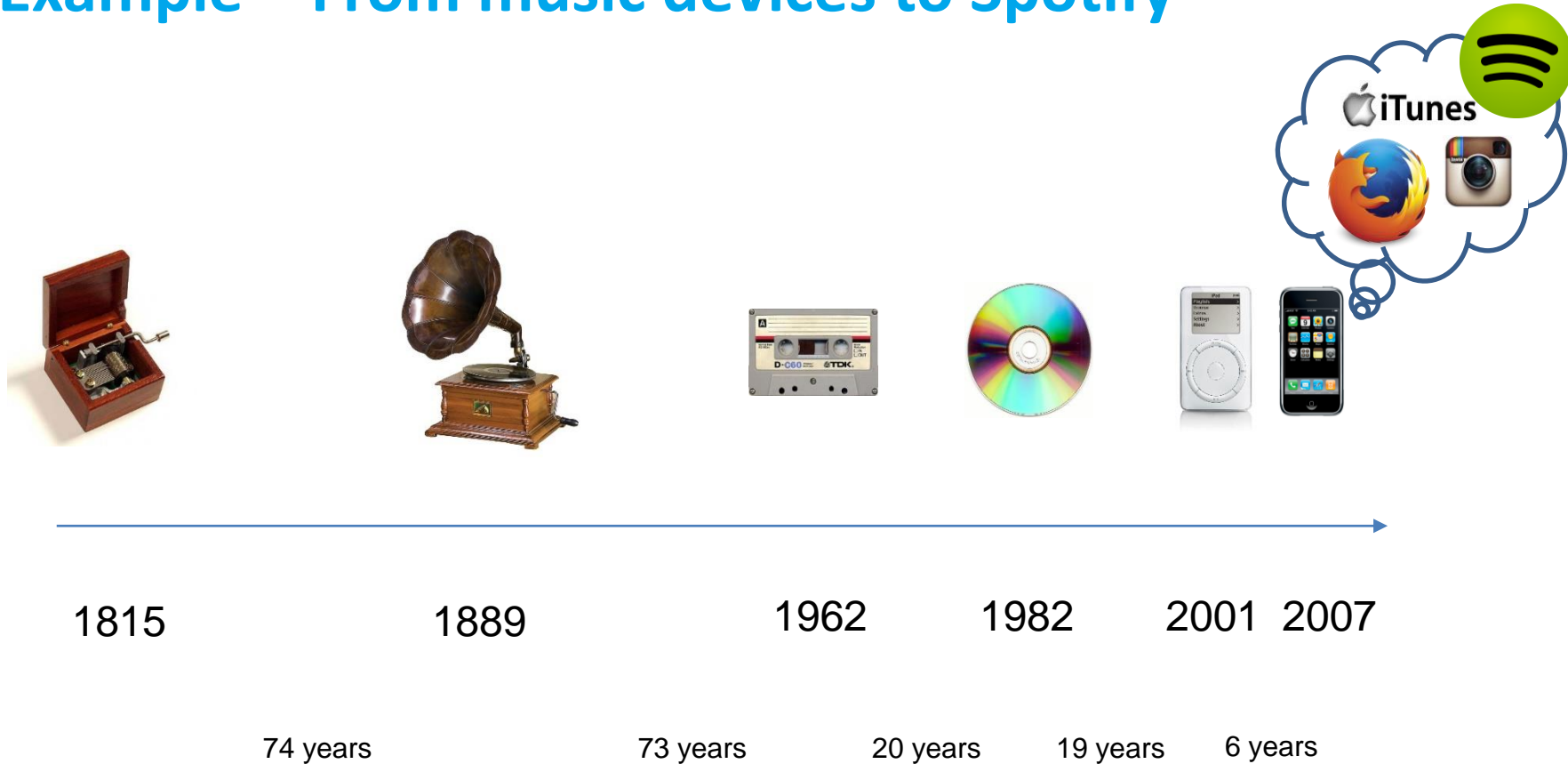
PERCENT OF
J.S. HOUSEHOLDS

CONSUMPTION SPREADS FASTER TODAY



Faster and faster introduction and adoption

Example – From music devices to Spotify



Technology and the disruption of business

"I think there is a world market for maybe five computers"

Tom Watson (1958), then IBM chairman

ZARA

F A R F E T C H

400 BOUTIQUES. 1 ADDRESS

Qualificações digitais

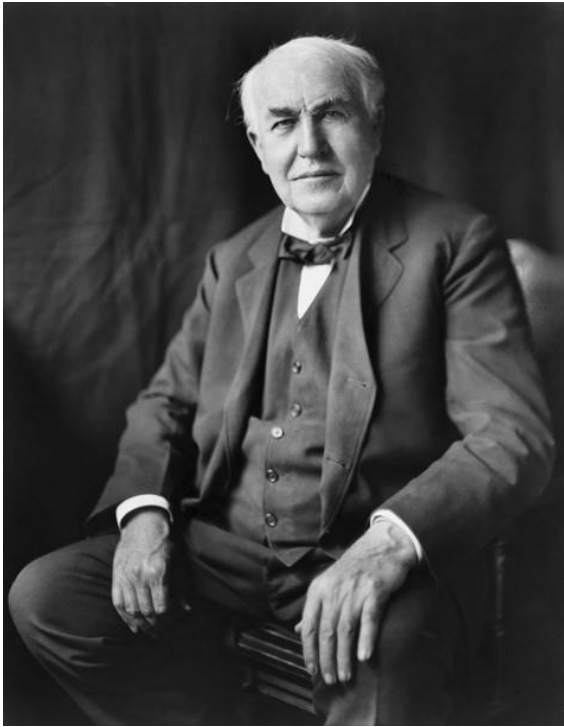
Conhecimento

Competências

Atitude

“Genius is one percent inspiration
and ninety-nine percent
perspiration”

Innovation on innovation



- Thomas Edison (1847 –1931)
- Prolific inventor, holding 1,093 US patents
- Inventions: electric light and power utilities, sound recording, and motion pictures
- Edison's inventions contributed to mass communication and, in particular, telecommunications.
- Maybe most important of all...

The invention of the “research lab” by Thomas Edison



Thomas Edison the entrepreneur



- Edison Illuminating Company (1880)
- National Phonograph Company (1896)
- Edison Manufacturing Company (1889)
- Edison Storage Battery Company (1901)
- Lansden Company (1904) – Electric Cars
- Thomas A. Edison, Incorporated (1911)
- Edison Records (1st record label)
- Edison Movies (produced 1200 movies)
- Edison General Electric
- Etc.....

Full list at: <http://edison.rutgers.edu/list.htm>

Thomas Edison the entrepreneur



- In 1892 Edison General Electric merged with another small research and development company (Thomson-Houston Electric Company) to form **General Electric**
- GE has grown into a diversified technology, manufacturing and services corporation with 250 manufacturing plants in 26 different nations
- GE employs 305,000 people (2015) with revenues of US\$117.38 billion (2015)
- # 8 Fortune 500 (2015)