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"Early Patent Policy, 1390-1790" (page 2-3)

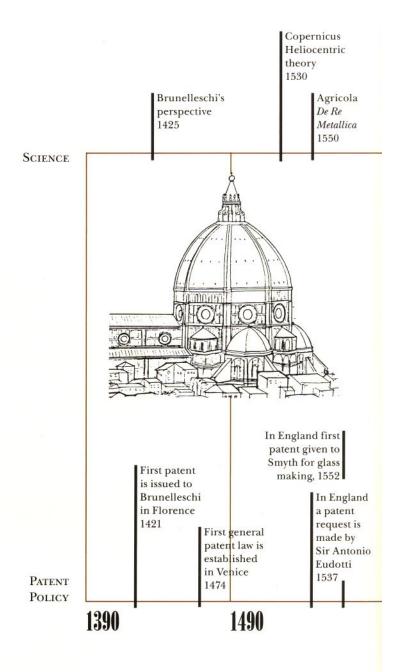
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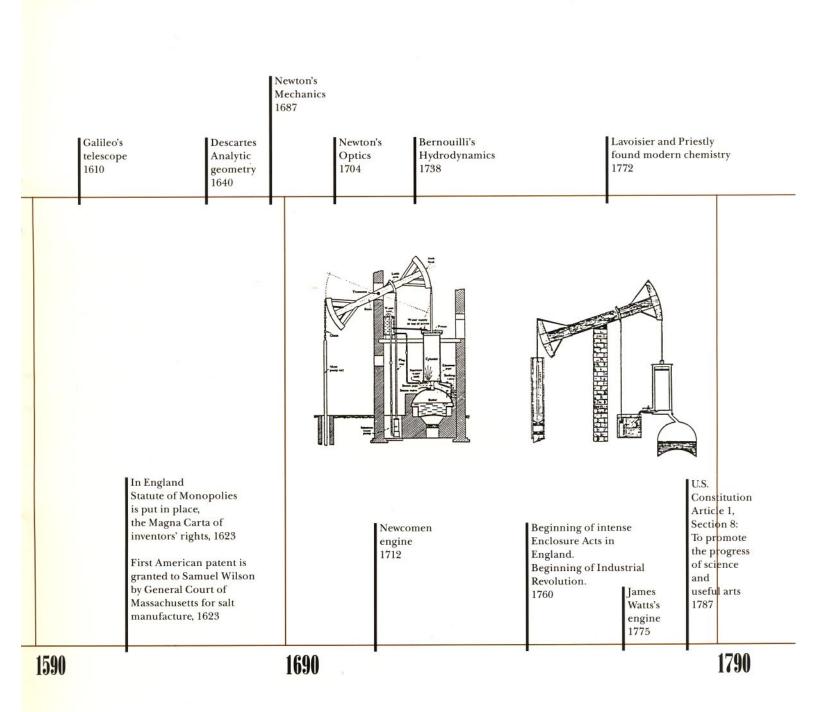
EARLY PATENT POLICY, 1390-1790

What is a patent? Essentially, it is a legal device to spoil someone else's pleasure! It gives its owner the right, for a period of time, to block others from developing or commercially exploiting what the owner claims (s)he can do.

Filippo Brunelleschi obtained a patent from the Florence City Council in 1421 for a hoist mounted on a barge to lift large marble slabs. With his patent he was granted, for three years, permission to fine his imitators 100 ducats and burn their imitations. How is that for spoiling their fun?

Similar monopolies were granted to guilds, craftsmen, and merchants by princes and principalities throughout the Middle Ages, but it is with Brunelleschi that the system takes on its modern guise. Soon after, in 1474, the Senate of the "Serenissima" Republic of Venice issued a statute whose spirit still informs modern patent statutes. France, England, and the U.S. each contributed to the development of patent policy at the beginning of the Industrial Revolution.





To reward inventors
"by privelege leading to monopoly
positions cannot be regarded
as beneficial to the welfare
of the country."

JOHANN HEINRICH VON JUSTI
Germany 1758

"The temporary monopoly granted to the inventor of a new machine could be justified as a means of rewarding risk and expense."

ADAM SMITH
Scotland 1776

U.S. PATENTS IN CONTEXT, 1790-1990

It has often been said that necessity is the mother of invention; some have turned the phrase around and called invention the mother of necessity. Perhaps it is more appropriate to say that science and the economy are the parents of invention, and that invention, in turn, primes the economy and stimulates science. As we move toward the contemporary period, invention becomes more scientific and science more inventive, while both become big businesses with tremendous effects not only on the economies of nations, but, consequently, on their policies, politics, and ideologies. The patent system is bound, contained, and informed by the dual track of the economy and scientific ideas.

As a legal system designed to "protect" the incubation and commercial exploitation of inventions for limited periods, the patent system has had detractors as well as supporters. Being monopolistic and protectionist in nature, the patent system has given rise to abuses when left unchecked. During the first hundred years, periods of economic expansion saw a general tendency—reflected in the number of articles, pamphlets, and speeches—to want to diminish the power of the patent system or to do away with it altogether, while periods of economic contraction saw a desire to strengthen it.

Frequency
of arguments
IN FAVOR OF PATENTS
is represented
by a bar extending
Above the line.

Frequency
of arguments
OPPOSED TO PATENTS
is represented
by a bar extending
BELOW the line.

