

튜 토 리 얼 I

영상디자인 개론

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History of Motion pictures & Multimedia

LAST UPDATED NOV. 6TH 2000 BY BAE, JONG-KWANG

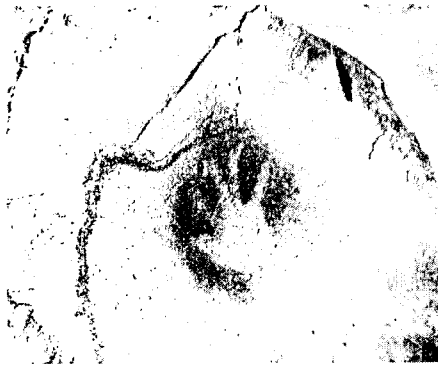
Pre-Historic era



**The Chauve-Pont-
D'arc Cave
(31,000years ago)**

The Buffalo

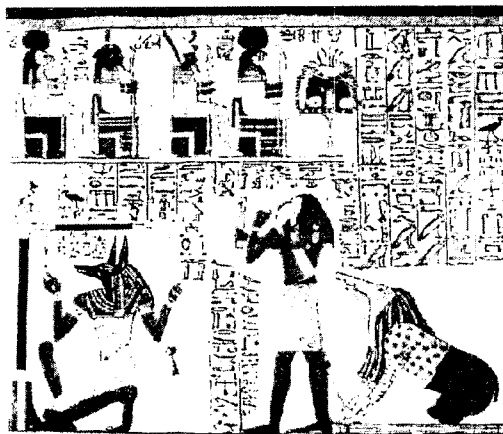
Pre-Historic era



The Chauve-Pont-
D'arc Cave
(31,000years ago)

The Hand

Egyptian Works



The book of the
Dead(B.C 240)

Johann Gutenberg's Movable Type



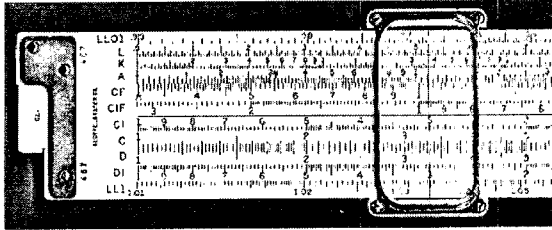
**Born in Mainz, Germany
(1397-1468)**

Johann Gutenberg's Movable Type



**The Gutenberg
Bible(1455)**

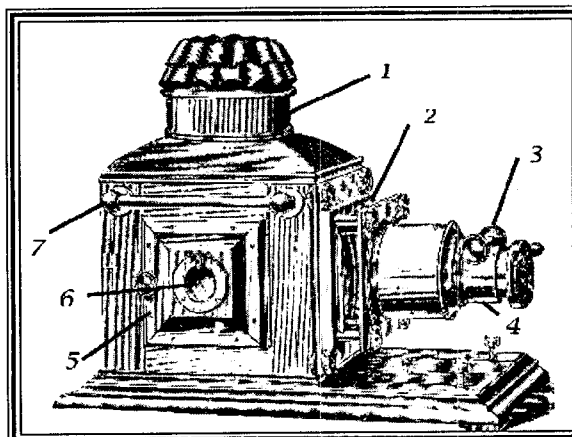
Slide Rule Invented (1621)



Precursor of Electric Calculator

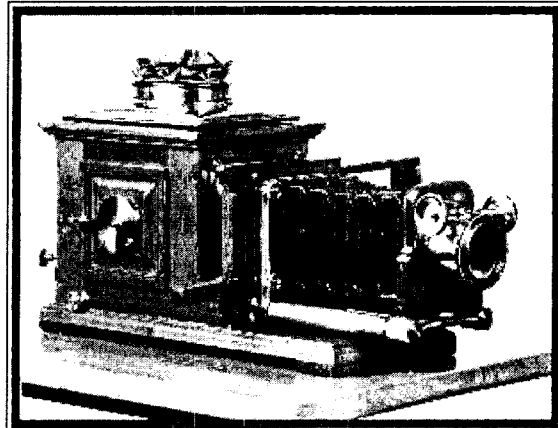


Victorian "Magic Lantern" (since 17C)



Early toys in
public parlor

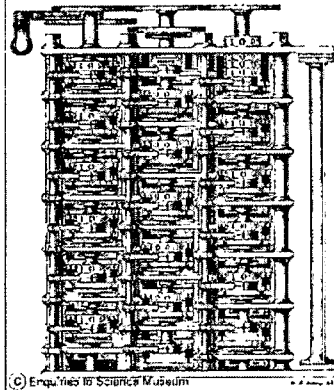
**Victorian "Magic
Lantern" (since 17C)**



**Victorian "Magic
Lantern" (since 17C)**



Charles Babbage



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Invented Difference Engine(1822)
& Analytical Engine(1830)

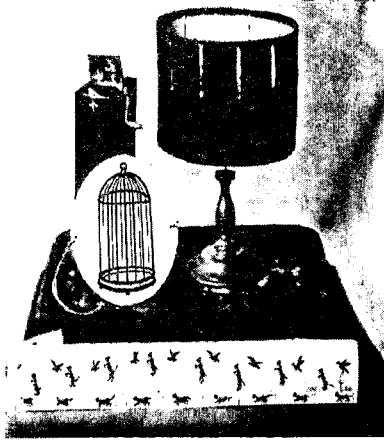
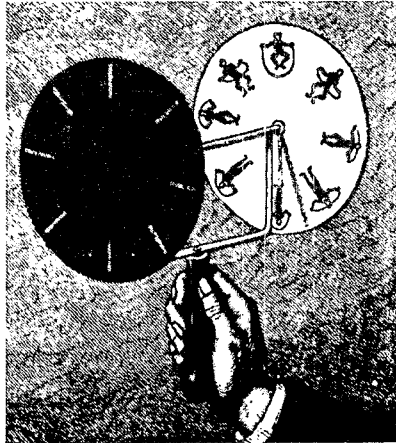
Peter Mark Roget



associated cartoon in a movie (under
a screen, you see looking at twenty-
in every second. The pictures don't
they look as if they are moving
a he mightly different than the one
from they are fixed on, the screen
they move together into a movie)

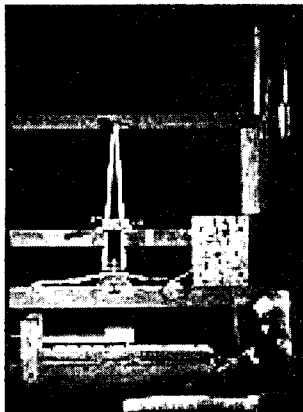
“The Persistence of Vision
with Regarding to Moving
Objects” (1824)

**Filmless Motion Picture
in Public parlors(1830's)**



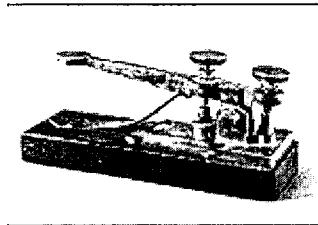
Zeotrope

**Samuel Morse's
Telegraph(1837)**



**Information age begins
with telegraph**

"What Hath God Wrought!"



**Morse/Vail Telegraph
Key (1844)**

William Henry Fox & Louis Daguerre

Photographic Process completed(1839)



William Henry Fox & Louis Daguerre

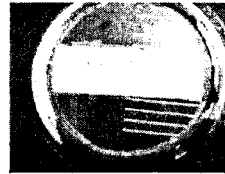
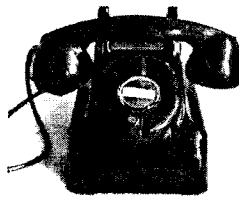
Photographs begin to replace Drawings in viewing machines(1840's)



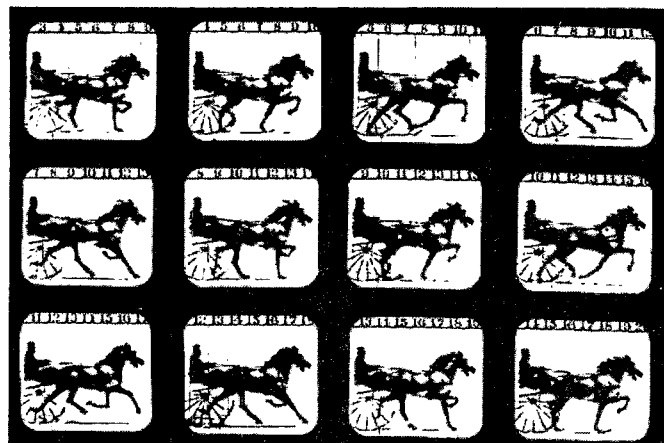
Graham Bell's Telephone(1877)



Graham Bell & His early telephones

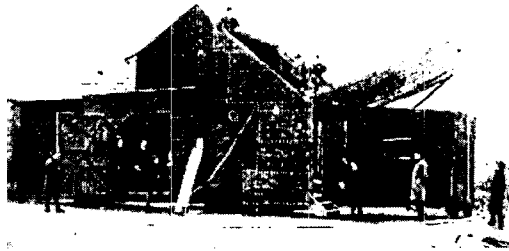


Edward Muybridge and birth of cinema



Carriage(1877)

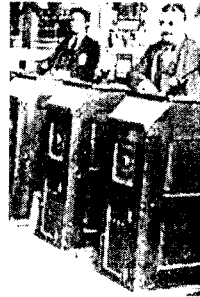
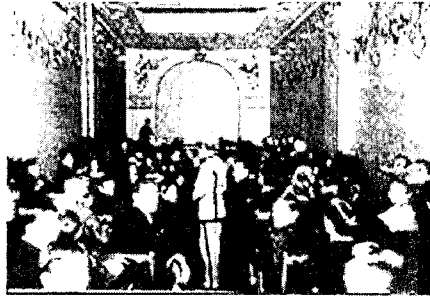
**World's first movie
studio :Black Maria(1890)**



**Kinetoscope has
patented by
Edison(1891)**

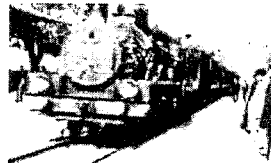


Coin-Operated Kinetoscope (1894)



Kinetopalor & Nickeldeons

Lumiere Brother's first movie for the public(1895)



Arrival of the Train at La Ciotat (1895)



Moscow: Tverskaja Street (1896)

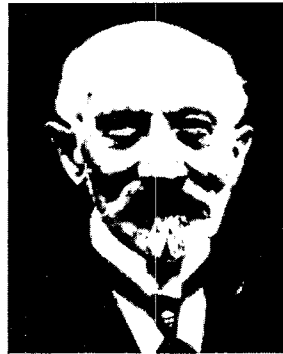


The Pyramids (1897)

**One Reeler has story by
George Melies(1899)**



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George Melies(1899)**

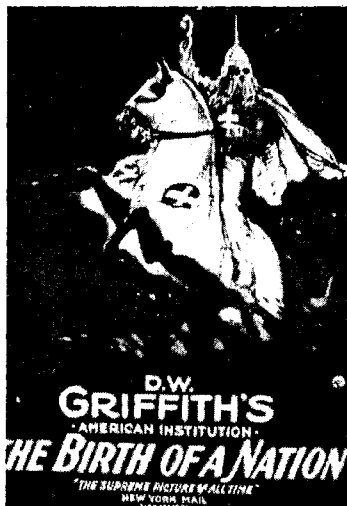


**Edwin Porter's "The
great train robbery"
(1903)**

Non-sequential
8minutes film



**Feature Film Starts by
D.W.Griffith(1913)**



New Era of Motion Pictures

- . **Movie Industry goes to Hollywood**
(MGM,Universal,Warner Brothers,
Paramount.etc.(1915-1920)
- . **Carl Laemmle established**
Universal(1915)
- . **Motion pictures patent company**
& Factory system

Sound film era starts(1927)

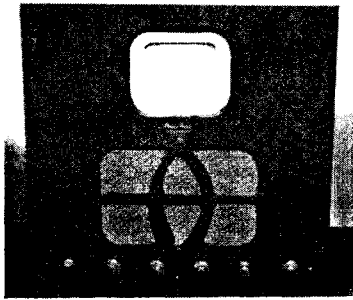


18. "Mammy!"

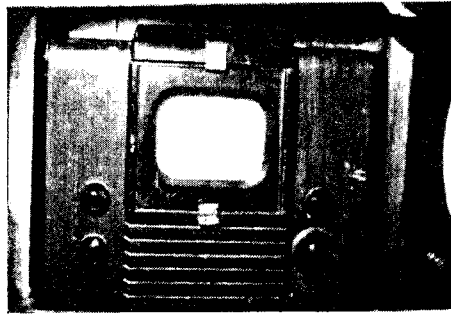
**"Jazz singer" starts
sound film using
Vitaphone**

Television

First televised in Berlin 1935



Andrea's 5" (1938)

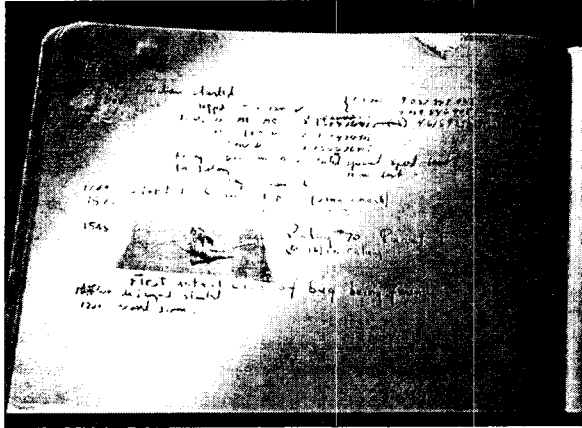


RCA TV (1945)

New Technologies

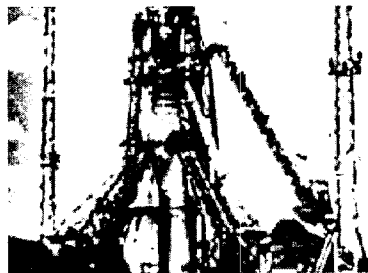
- . 3-D Movies
- . Cineramas
- . Cinemascope.
- . etc

Computer has "BUG"



Grace Murray Hopper(1945)

Sputnik (1957) & ARPA(1958)

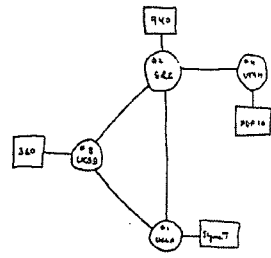
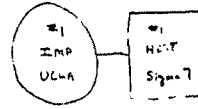


Sputnik



The Russian space program had early successes (wtn/file)

Sputnik (1957) & ARPA(1958)



THE ARPA NETWORK
DEC 1969
4 NODES

FIGURE 6.2 Drawing of 4 Node Network
(Courtesy of Alex McKenzie)

THE ARPA NETWORK

SEPT 1969

1 NODE

FIGURE 6.1 Drawing of September 1969
(Courtesy of Alex McKenzie)

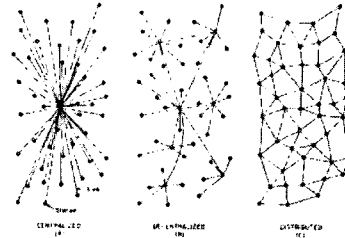
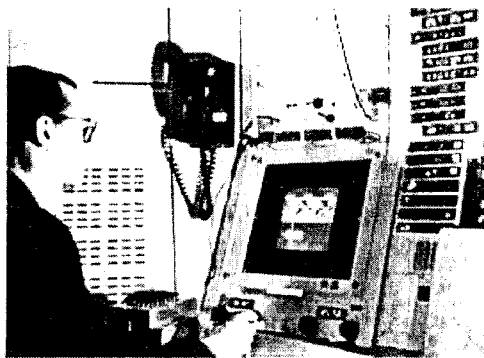


FIG. 1 - Centralized, Semi-Centralized and Distributed Networks

Sketchpad(1963)



First Computer-
Graphics system
designed by Dr. Ivan
Sutherland

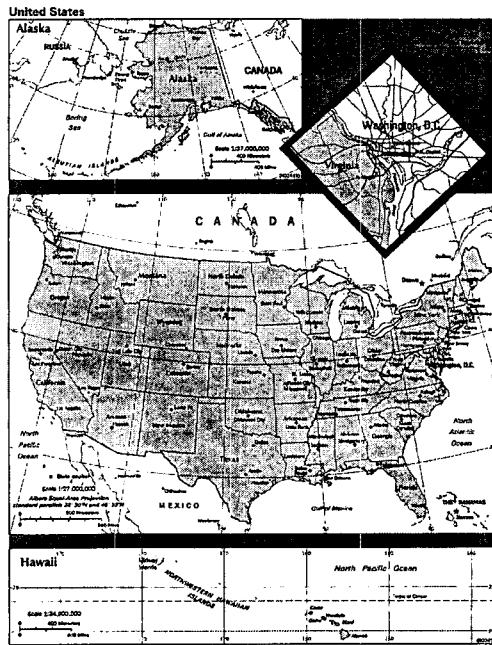
Moore's Law(1964)

“Integrated Circuit speed up double every one year”

Gordon Moore also co-founder of INTEL



Cable TV(1970)

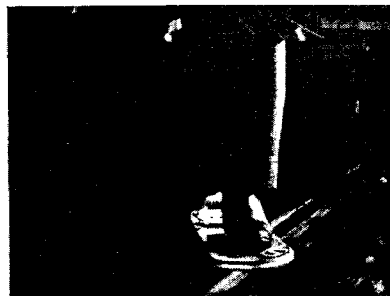
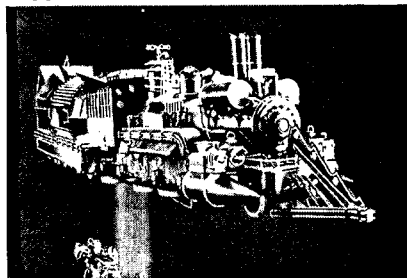


**ILM(Industrial Light
& Magic) :Founded in
1975**

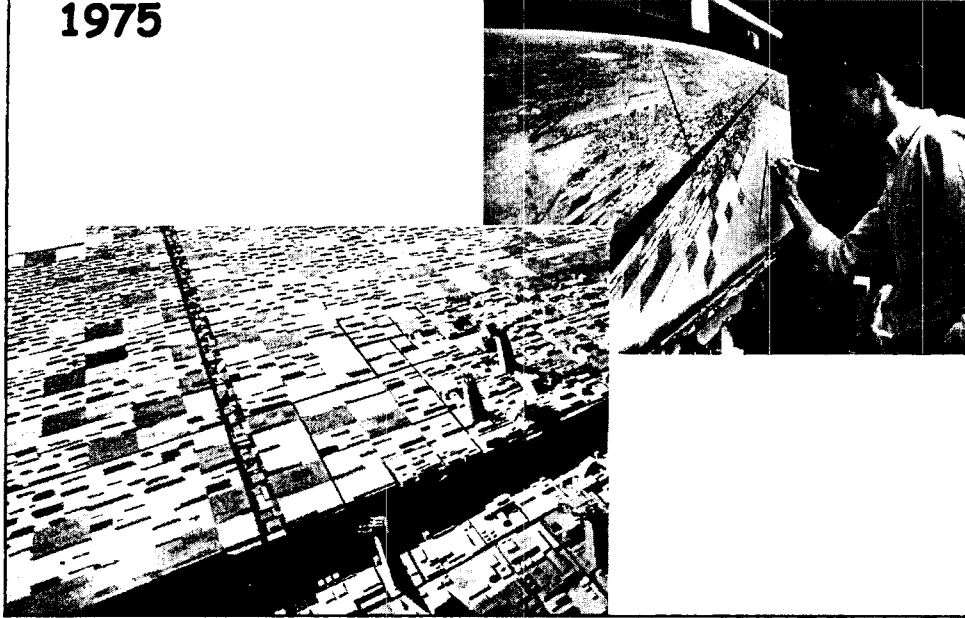


Special effects group for “Star Wars”

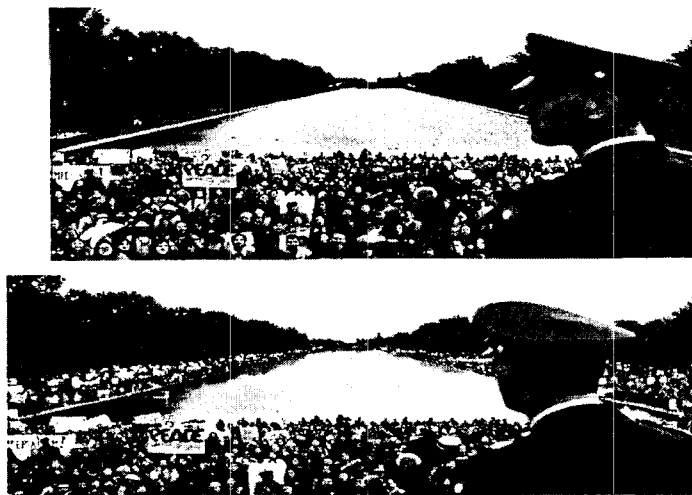
**ILM(Industrial Light
& Magic) :Founded in
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**ILM(Industrial Light
& Magic) :Founded in
1975**



1980's - 1990's

- . Hollywood dominated world's movie industry**
- . Total entertainment industry emerged**
- . Orlando Project**
- . Multimedia era**
- . Internet**