



**PATENT STATISTICS, INNOVATION  
MANAGEMENT AND IPR**

**Paris, 5 juin 2012**

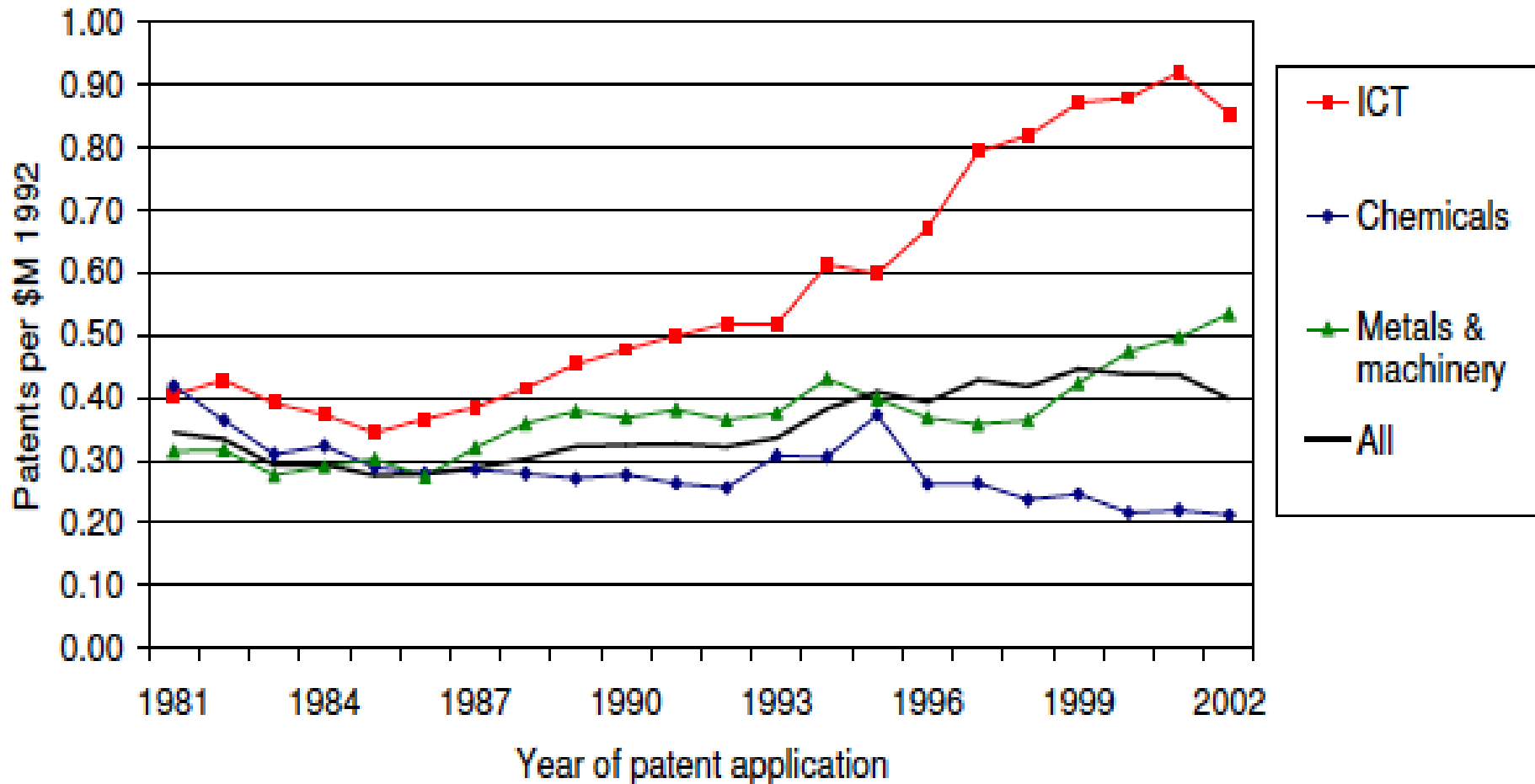
# **Patenting strategies**

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# “Patent paradox”

Growing number of patents per \$M R&D



# Patents in the telecom industry

- Need to balance:
  - Incentives to innovate
  - Diffusion of innovations

# Patents in the telecom industry

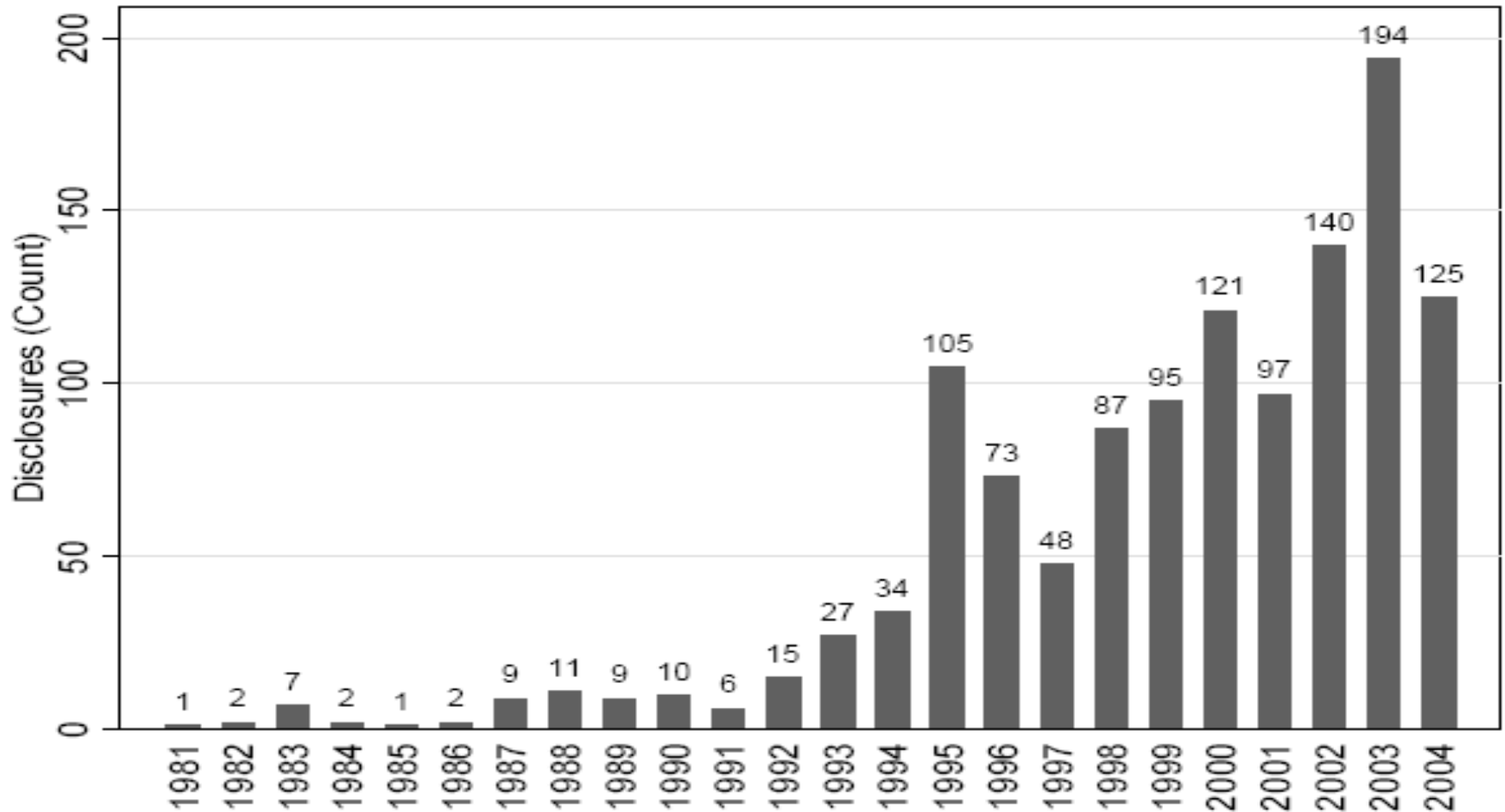
- Need to balance:
  - Incentives to innovate
  - Diffusion of innovations
- Ad hoc arrangements based on patents
  - Cross-licensing
  - Patents pools
  - (F)RAND licensing of patents essential in standards
  - ...

# Patents in the telecom industry

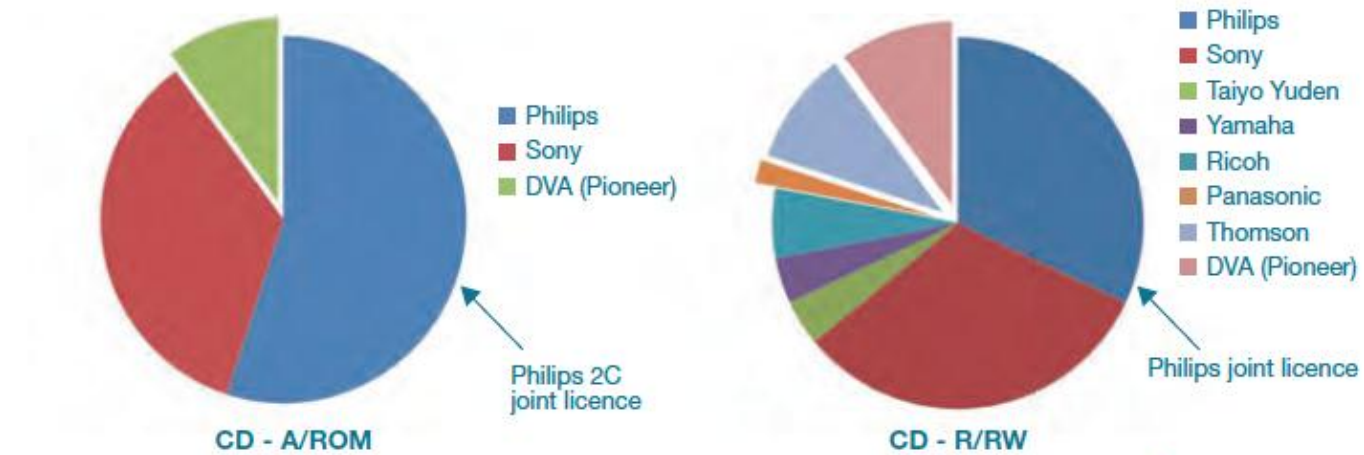
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    - (F)RAND licensing of patents essential in standards
    - ...
- ⇒ Requires strong patent positions

# More patents claimed on IT standards

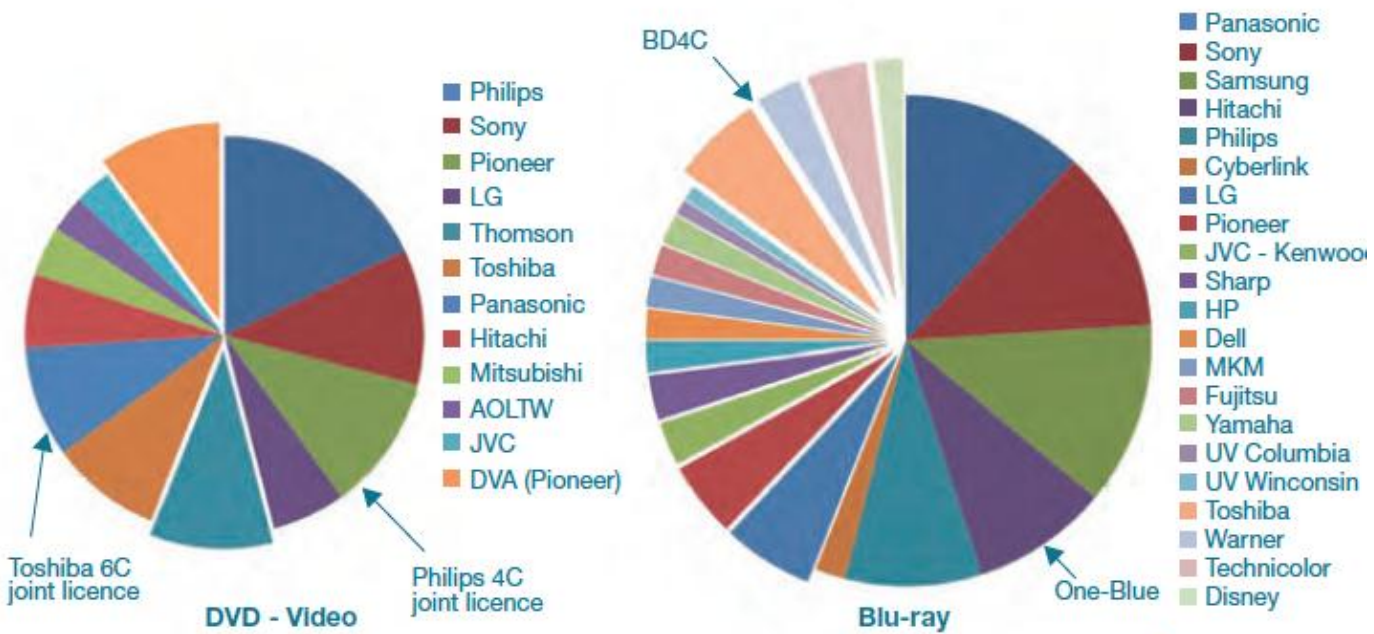
Disclosures at ANSI, ATIS, ETSI, IEEE, IETF, ITU, OMA, TIA  
(source: Simcoe, 2005)



# More licensors (here, CD to Blu-ray)



1981 →



2011 → Source: Peters (2011)

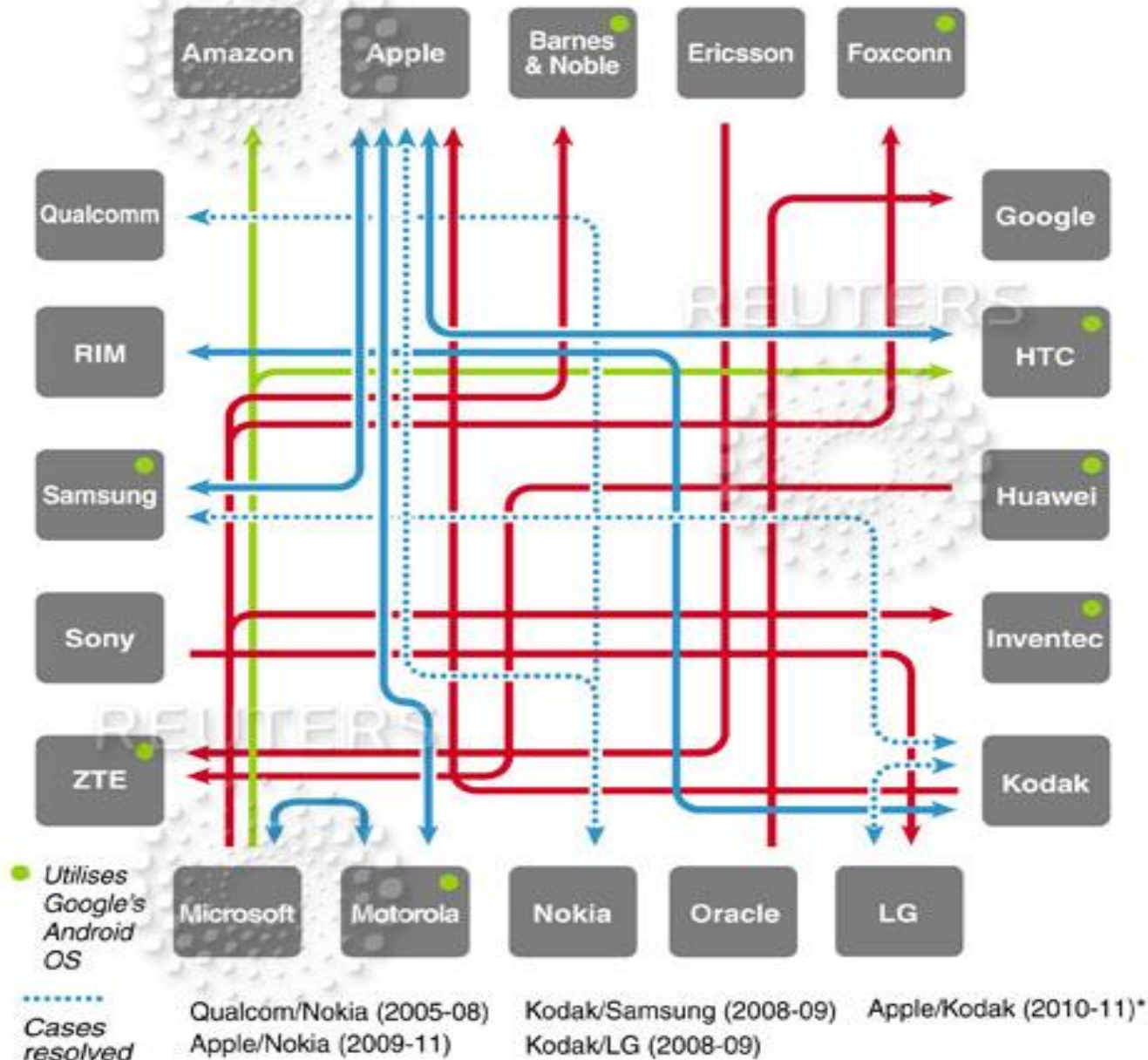
# MOBILE PATENT SUITS

Patent-related suits between mobile device/ component manufacturers

→  
Suing

↔  
Suing each other

→  
Licensed technology to company





# Questions

- How patents are taking place in the global R&D networks international division of innovation processes?
- What are the main strategies to manage the patents portfolio?
- How to they vary according to the core business, the size and age of the company?