

**WEO research workshop in conjunction with Jakarta International GI  
Endoscopy symposium & Live demonstration**

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# **Research specifics in Endoscopy: patents, prototypes and IP**

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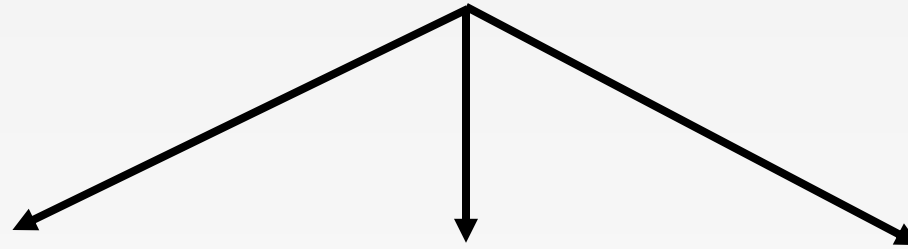
# Disclosure

Research support, educational grants, consultancy, speaker honoraria:

- Olympus
- Pentax
- Cook
- Boston Scientific
- Covidien
- CDX Diagnostics
- Astra Zeneca



# Endoscopy researcher



Technology

Technique

Transformation



Prototype

Patent

Intellectual property



# What is a prototype?

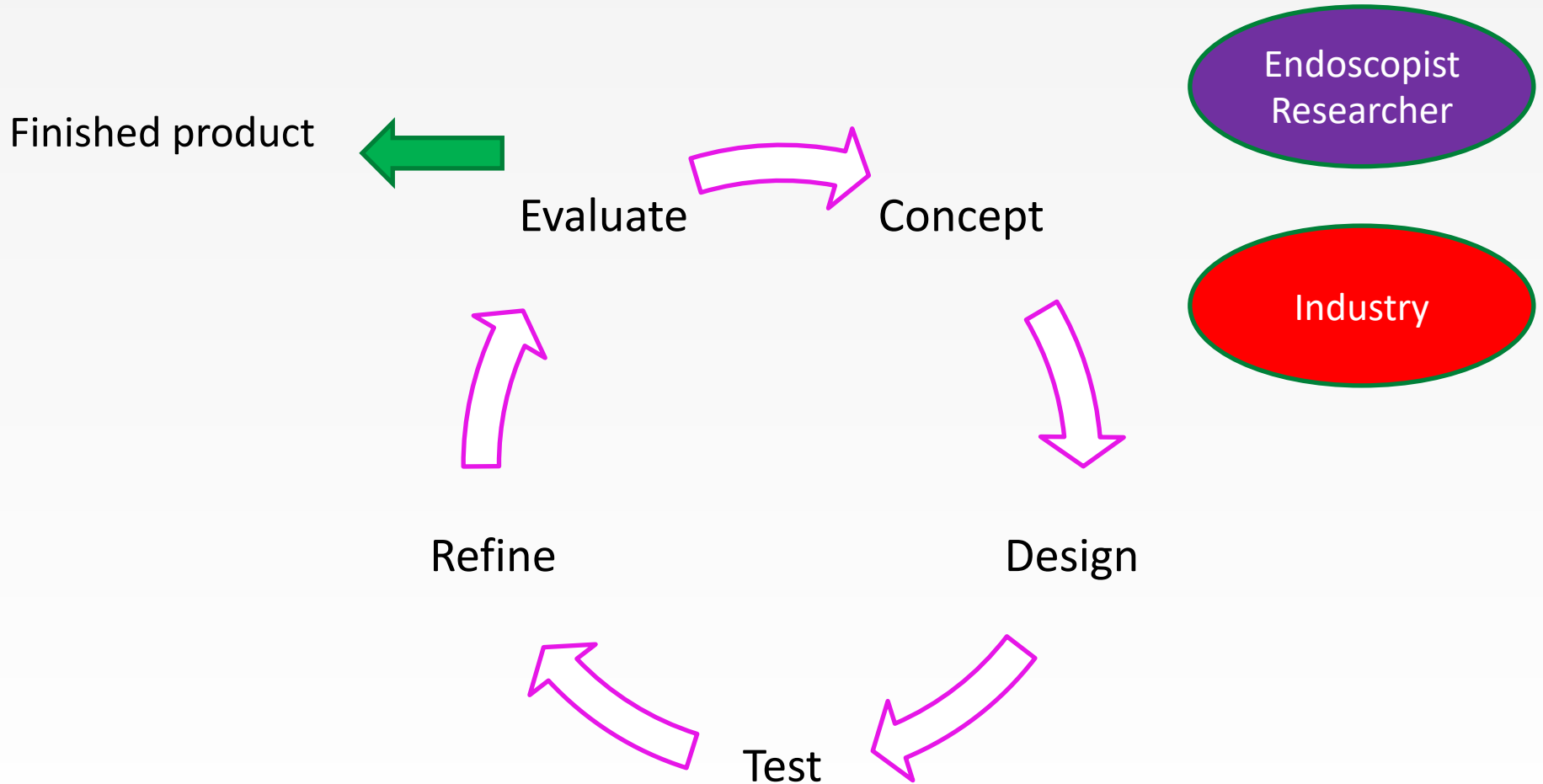
“A prototype is an early sample, model, or release of a product built to test a concept or process”



# University of Nottingham Electronics lab, 2005



# The prototype cycle



# What is a Patent?

“A **patent** is a form of intellectual property that gives its owner the legal right to exclude others from making, using, selling, and importing an invention for a limited period of years, in exchange for publishing an enabling public disclosure of the invention”



Nov. 28, 1961

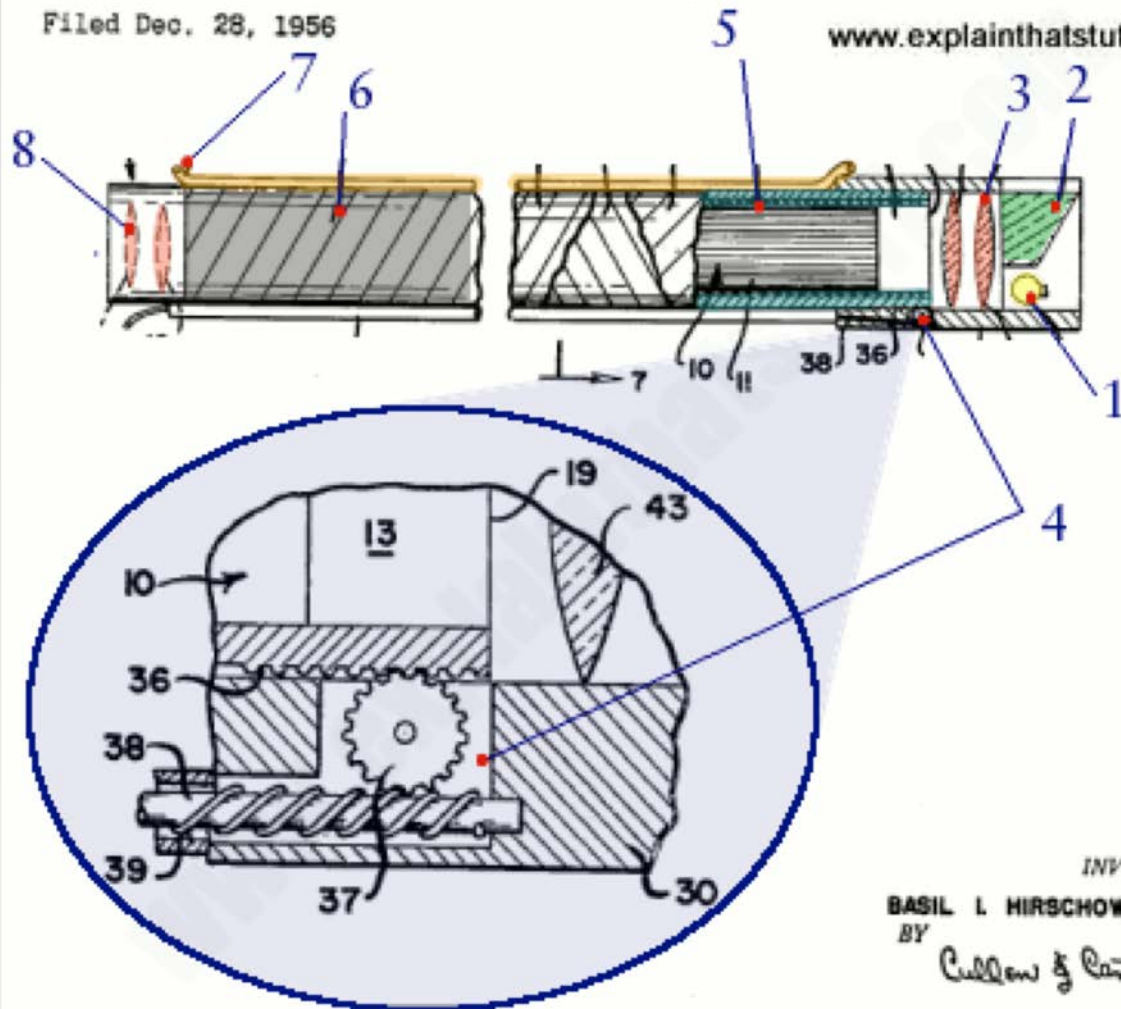
B. I. HIRSCHOWITZ

3,010,357

FLEXIBLE LIGHT TRANSMITTING TUBE

Filed Dec. 28, 1956

www.explainthatstuff.com



INVENTOR.  
BASIL I. HIRSCHOWITZ  
BY  
*Cullen & Cantow*

Courtesy US Patent & Trademark Office







# *Intellectual property*



# What is Intellectual property?

- Intellectual property is a category of property that includes intangible creations of the human intellect
- Intellectual Property (IP) refers to the protection of creations of the mind, which have both a moral and a commercial value.



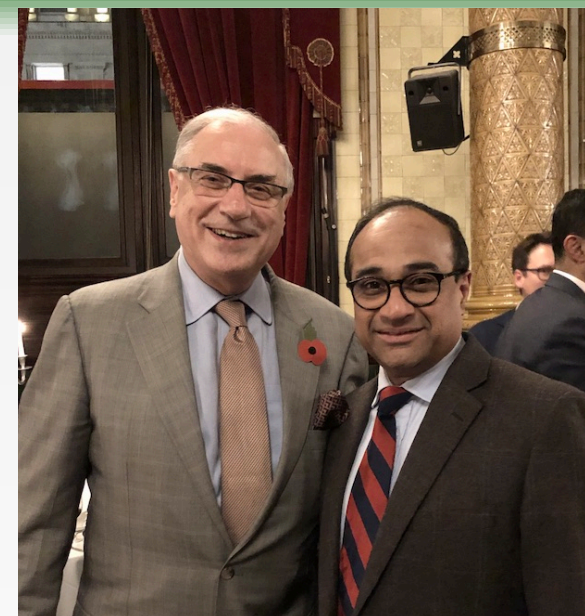
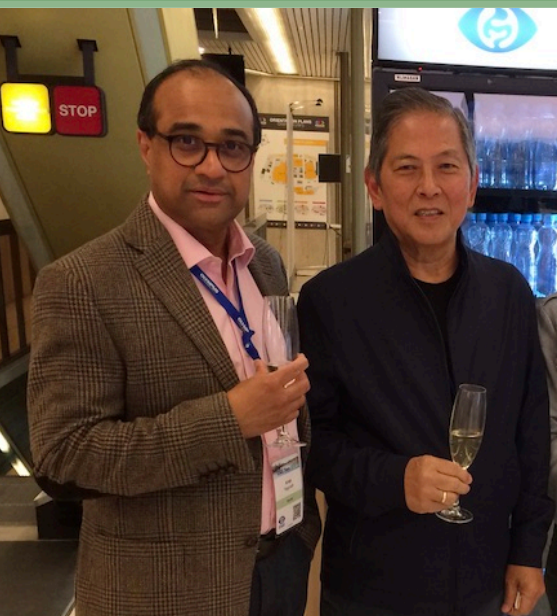
# Types of IP



# Protecting your IP

- Signed contracts of engagement
- Non Disclosure Agreement (NDA)
- Patents, Trademark, Copyright, Trade secrets
- If you are an academic engage with your university legal team





# Conclusion

- As doctors we are blessed with high intellect
- We are in a privileged position to invent and innovate health care
- However, it is important you understand the legal issues to ensure your intellectual property is protected





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