



Department of Chemical Engineering & IIChE  
Presents

## Extramural web-lecture Intellectual property and patents

 7<sup>th</sup> September, 2020

 4:15 PM (IST)

 Microsoft Teams










**Dhara Patel, PhD**  
Patent Agent, Wolf Greenfield  
Intellectual Property Law Firm, USA.  
(Alumna 2001)

G H Patel College of Engineering & Technology  
( A Constituent College of CVM University )

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**People**


- Invite someone
- 190110105017
- 190110105026
- 190110105028
- 190110105037
- 190110105052
- 190110105055
- 190110105064
- 190113105008
- Dr Anand Metre
- Dr R R Nagarajan

35:13       

Windows taskbar: 4:24 PM 9/7/2020

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## Your Presenter



**Dhara Patel**  
Patent Agent  
Biotechnology Group

- BEng, Sardar Patel University
- PhD, University of Maryland Baltimore County
- JD Candidate, Suffolk University Law School

- **Science**
  - Alzheimer's disease
    - Reaction kinetics to understand protein aggregation/disease pathology
    - Material science to develop decoy therapeutics
  - Corneal dystrophies
    - Imaging
  - Broad-spectrum antiviral therapies
    - Automation and robotics
    - Assay development
    - Drug discovery
  - Asthma
    - Exploring disease mechanism and identification of drug targets
- **Patent Law**

31:59 Request control

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**People**

Invite someone

Presenters (2) Mute all

- Dr Kaushik Nath  
Organizer
- Speaker**







Attendees (41)

- 170110105007
- 170110105022
- 170110105024
- 170110105026
- 170110105040
- 170110105058
- 180110105001

4:21 PM 9/7/2020

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## A TRADEMARK IS A...

- **Word**  
MEDIATEK
- **Name**  
SIMON PEARCE
- **Symbol**  

- **Slogan**  
JUST DO IT. 
- **Distinctive Sound**  

- **Color**  

- **Product Shape**  

- **Scent**  


37:21 Request control

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**People**

Invite someone

- 190110105055
- 190110105064
- 190113105008
- Dr Anand Metre
- DN Dr R R Nagarajan
- Dr Sureshbhai Panchani
- Dr Tejal Patel
- Dr. Haresh Dave
- Prof Dharmesh Kapatel
- Prof Vinay Patel

4:26 PM 9/7/2020

Search

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## trademarks WHY ARE TRADEMARKS IMPORTANT?

- Valuable corporate asset – brand equity
- Help maintain reputation among customers and competitors

1	2	3	4	5	6
+28% 98,316 \$m	+34% 93,291 \$m	+2% 79,213 \$m	+2% 78,208 \$m	+1% 59,246 \$m	+7% 46,047 \$m
11	12	13	14	15	16
+5% 41,092 \$m	+20% 39,610 \$m	-5% 37,257 \$m	+17% 35,346 \$m		
17	18				

37:50

Request control

Speaker

People

Invite someone

- 190110105055
- 190110105064
- 190113105008
- Dr Anand Metre
- Dr R R Nagarajan
- Dr Sureshbhai Panchani
- Dr Tejal Patel
- Dr. Haresh Dave
- Prof Dharmesh Kapatel
- Prof Vinay Patel

4:27 PM 9/7/2020

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## A TRADE SECRET IS...

- Proprietary information used in business which gives the owner a competitive advantage
- Must be maintained secret, or is LOST, potentially with little recourse
- But potential advantage over patents: proprietary right can last indefinitely
- Anything that can be kept secret and affords a competitive advantage
- Generally not something that can be reverse engineered
- Valuable-much goes unpatented, but...

43:12

Request control

Speaker

People

Invite someone

Presenters (2) Mute all


- Dr Kaushik Nath Organizer
- Speaker

Attendees (44)

- 170110105007
- 170110105022
- 170110105024
- 170110105026
- 180110105002
- 180110105008
- 180110105015

4:32 PM 9/7/2020

**A PATENT...**



- **"THE" asset** - Owner has right to **exclude** others in exchange for fully disclosing invention to public in patent
- Patents are jurisdictionally limited – must apply for it
- Does not give its owner the right to make, use, sell, offer to sell, or import (common misconception)

20 years from filing date

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46:36

Request control

People

Invite someone

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- Speaker

Attendees (44)

- 170110105007
- 170110105022
- 170110105024
- 170110105026
- 170110105058
- 180110105002
- 180110105008

4:36 PM 9/7/2020

**ANATOMY OF A PATENT**

First Page	Patent Document
• Title	• Abstract
• Filing date	• Drawings
• Related applications	• Background
• Assignee	• Summary
• References cited	• Detailed description
• Search classes	• Examples
	• Claims

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56:21

Request control

People

Invite someone

Presenters (2) Mute all

- Dr Kaushik Nath Organizer
- Speaker

Attendees (44)

- 170110105007 On hold
- 170110105022
- 170110105024
- 170110105058
- 180110105002
- 180110105008
- 180110105015

4:45 PM 9/7/2020

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## DESIGN PATENTS

- Protect appearance/ornamentality:
  - Need not be attractive
  - Need not exist independent of functionality
  - Must be new and nonobvious to designer of ordinary skill in the art
- May be useful to prevent "knock-offs"

Turn camera off

52:11

Request control

Speaker

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13

People

Invite someone

Presenters (2) Mute all

- Dr Kaushik Nath Organizer
- Speaker**

Attendees (44)

- 170110105007 On hold
- 170110105022
- 170110105024
- 170110105026
- 170110105058
- 180110105002
- 180110105008

Activate Windows. Go to PC settings to activate Windows.

4:41 PM 9/7/2020

Search

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## patents GETTING A PATENT (PROSECUTION)

USPTO

CONCEPTION FILE APPLICATION FIRST O A ALLOWANCE ISSUE

5-2 YEARS ~1-2 YEARS MONTHS

01:13:11

Request control

Speaker

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People

Invite someone

- Dr Anshu Mehta
- DB Dr Mathurkumar S Bhakhar
- DN Dr R R Nagarajan
- Dr Sureshbhai Panchani
- Dr Tejal Patel
- Dr. Hareesh Dave
- Prof Dharmesh Kapatel
- PP Prof Vinay Patel
- PP Prof Vivaksha Patel
- Prof. Endrick Contractor

Activate Windows. Go to PC settings to activate Windows. Others invited (2)

5:02 PM 9/7/2020

Microsoft Teams Meeting Interface

**THANK YOU**

Further Questions and Requests

- **Dhara Patel**, *Biotechnology Group*
  - Dhara.Patel@WolfGreenfield.com
  - 617-646-8286
- [www.wolfgreenfield.com](http://www.wolfgreenfield.com)

Meeting controls: 01:34:43, Mute, Video, Chat, Request control, End call

People list:

- Invite someone
- Dr Anand Metre
- Dr Mathurkumar S Bhakhar
- Dr R R Nagarajan
- Dr Sureshbhai Panchani
- Dr Tejal Patel
- Dr. Haresh Dave
- Prof Dharmesh Kapatel
- Prof Vivaksha Patel

Others invited (2):

- 180110105018 Accepted
- 180110105034 Accepted

Windows notification: Go to PC settings to activate Windows.

System tray: 5:24 PM 9/7/2020