



INTELLECTUAL PROPERTY LAW

Intellectual Property isn't just something we do... It's all we do.

# Interesting Nanotechnology Inventions – One Patent Attorney's Perspectives

**Jeffrey H. Rosedale, Ph.D., J.D**

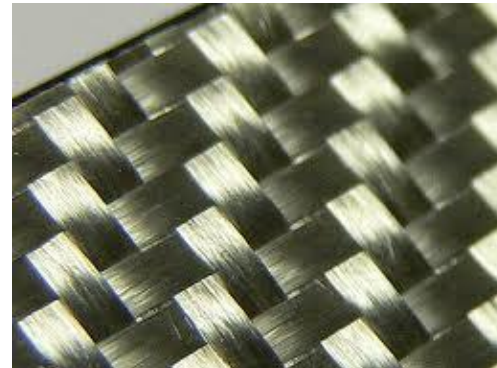
**Partner**

**Woodcock Washburn, LLP**

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# Nanotechnology in...Everything

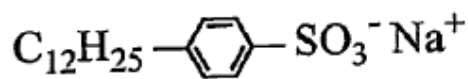


*Prof. Arjun Yodh et al.*

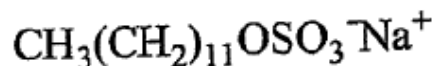
**U.S. Pat. App. No. 2006/099135**

# **Carbon Nanotubes: High Solids Dispersion and Nematic Gels Thereof**

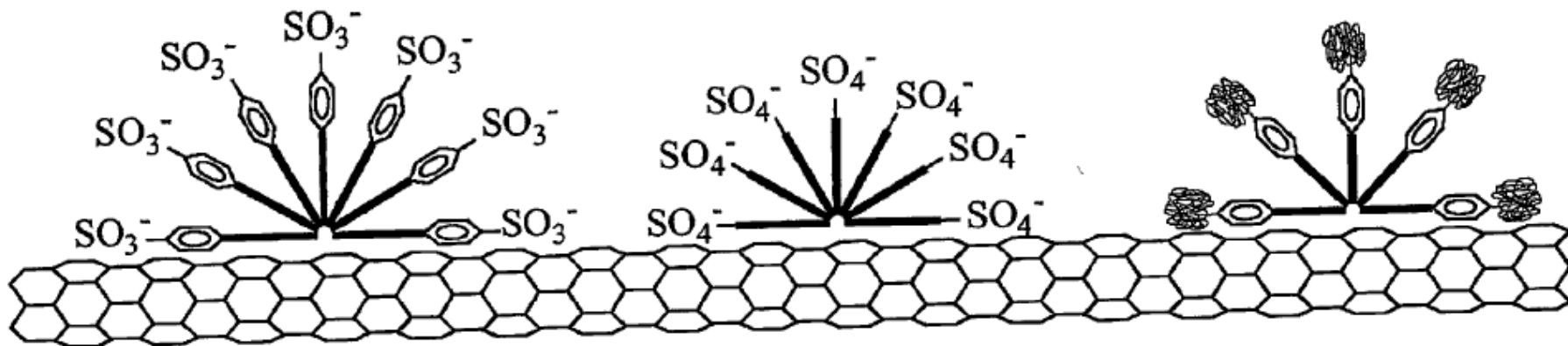
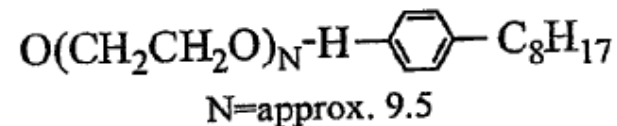
**NaDDBS**



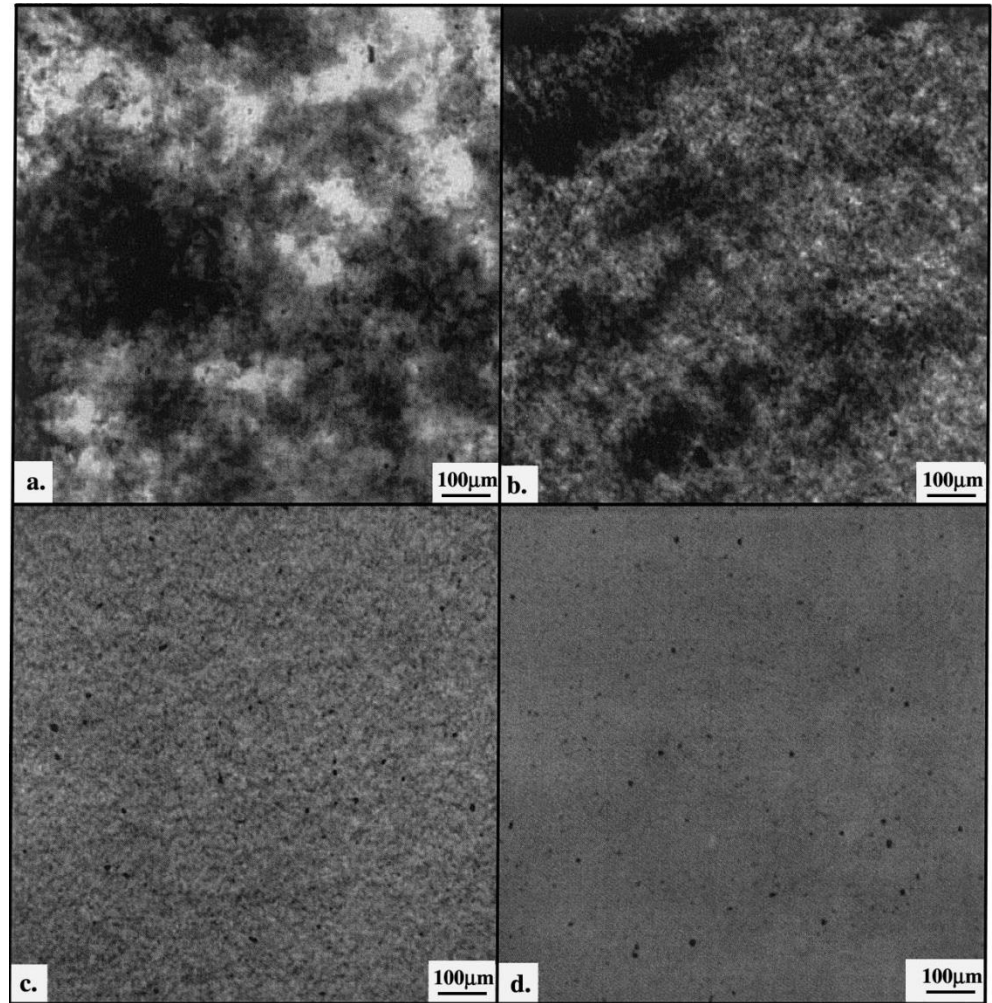
**SDS**



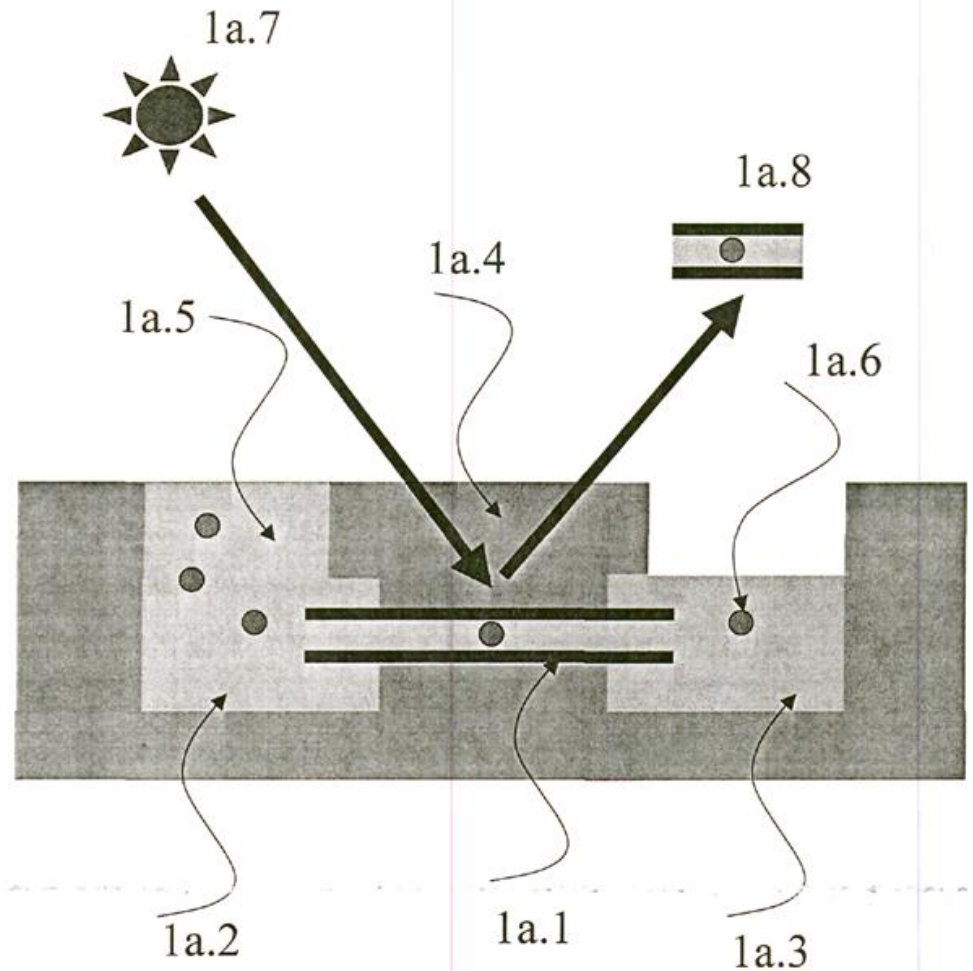
**Triton X-100**



**U.S. Pat. No.  
7,285,591  
Polymer-nanotube  
composites, fibers,  
and processes**

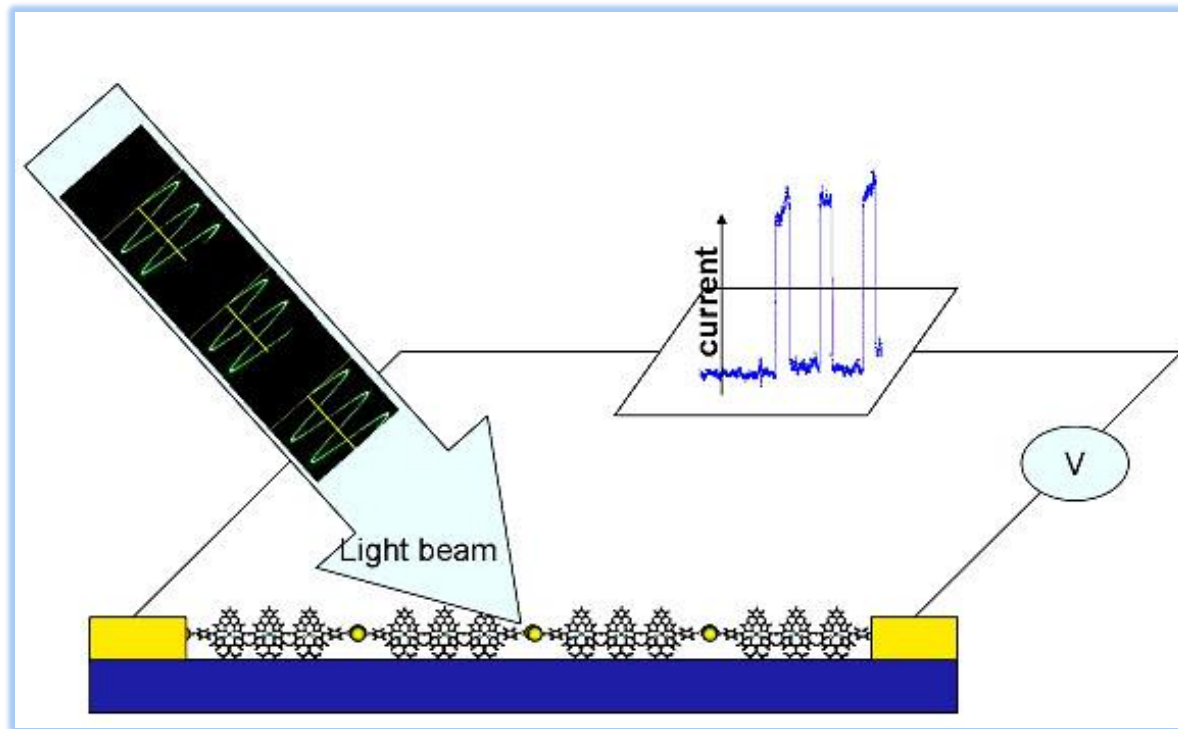


**U.S. Pat. No.  
7,964,159  
Nanotube-based  
sensors and probes**

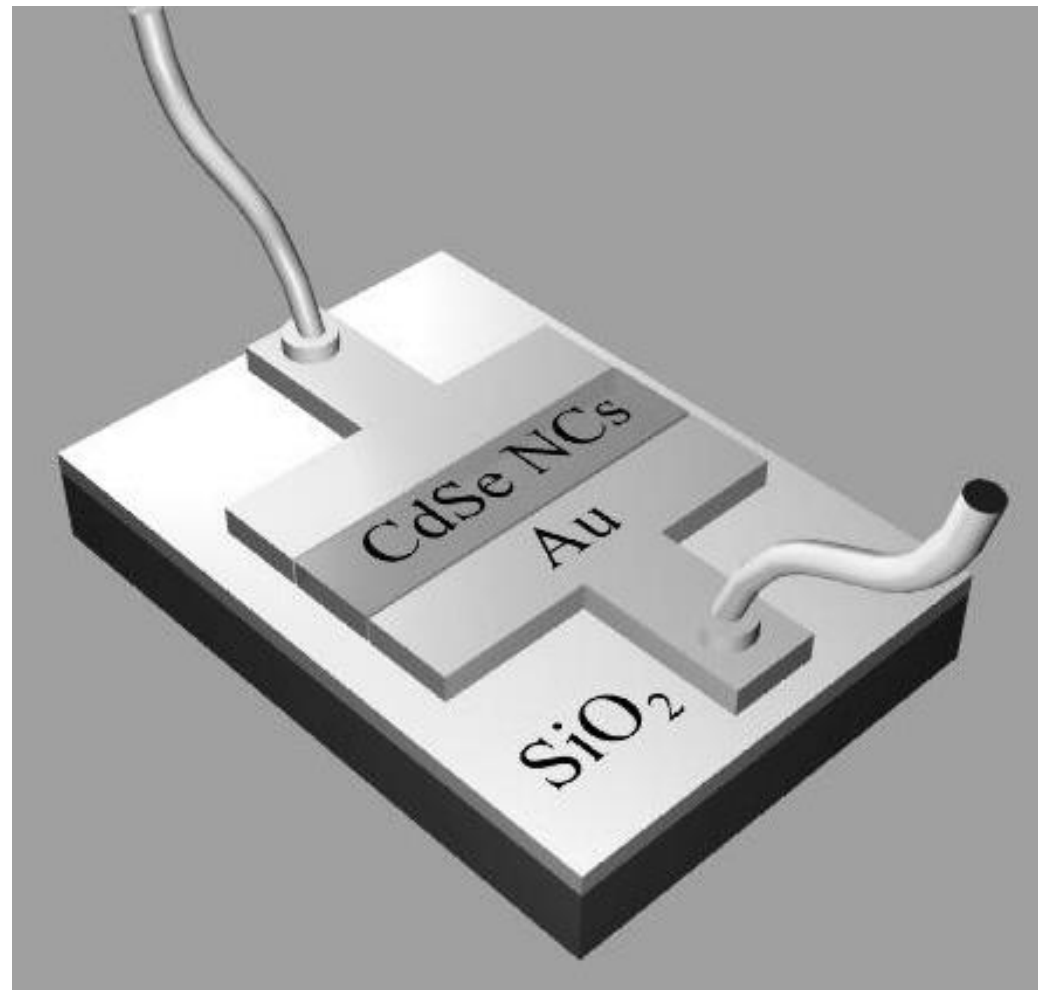


*Prof. Dawn Bonnell, et al.*

# U.S. Pat. No. 7,060,510 Electronic and optoelectronic devices and methods for preparing same



**U.S. Pat. No.  
7,813,160  
Nanocrystal  
quantum dot  
memory devices**





## U.S. Pat. No. 7,666,526

# Non-volatile resistance-switching oxide thin film devices

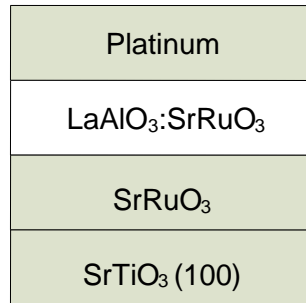


FIG. 1(a)

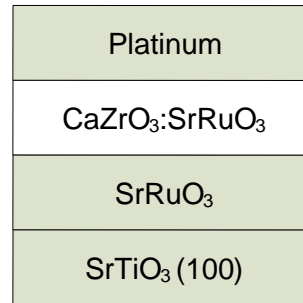


FIG. 1(b)

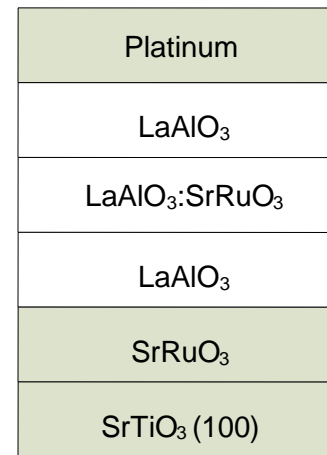
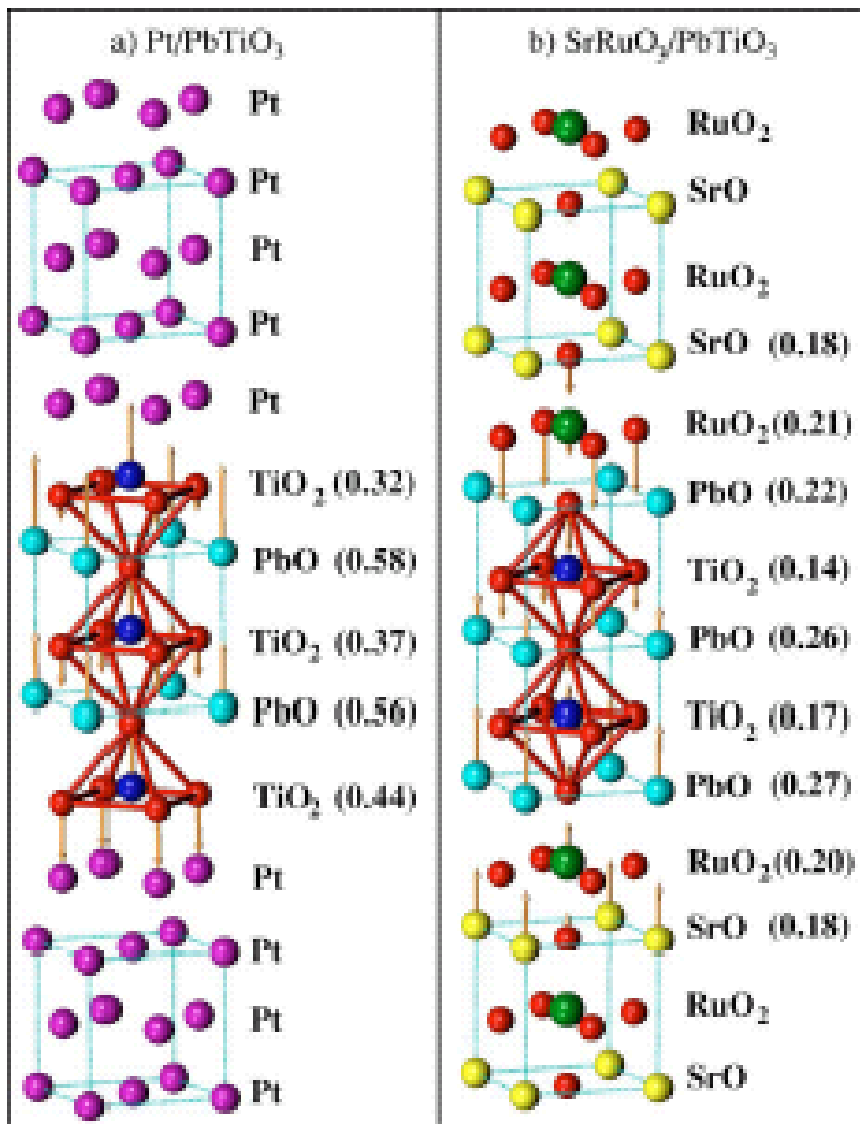
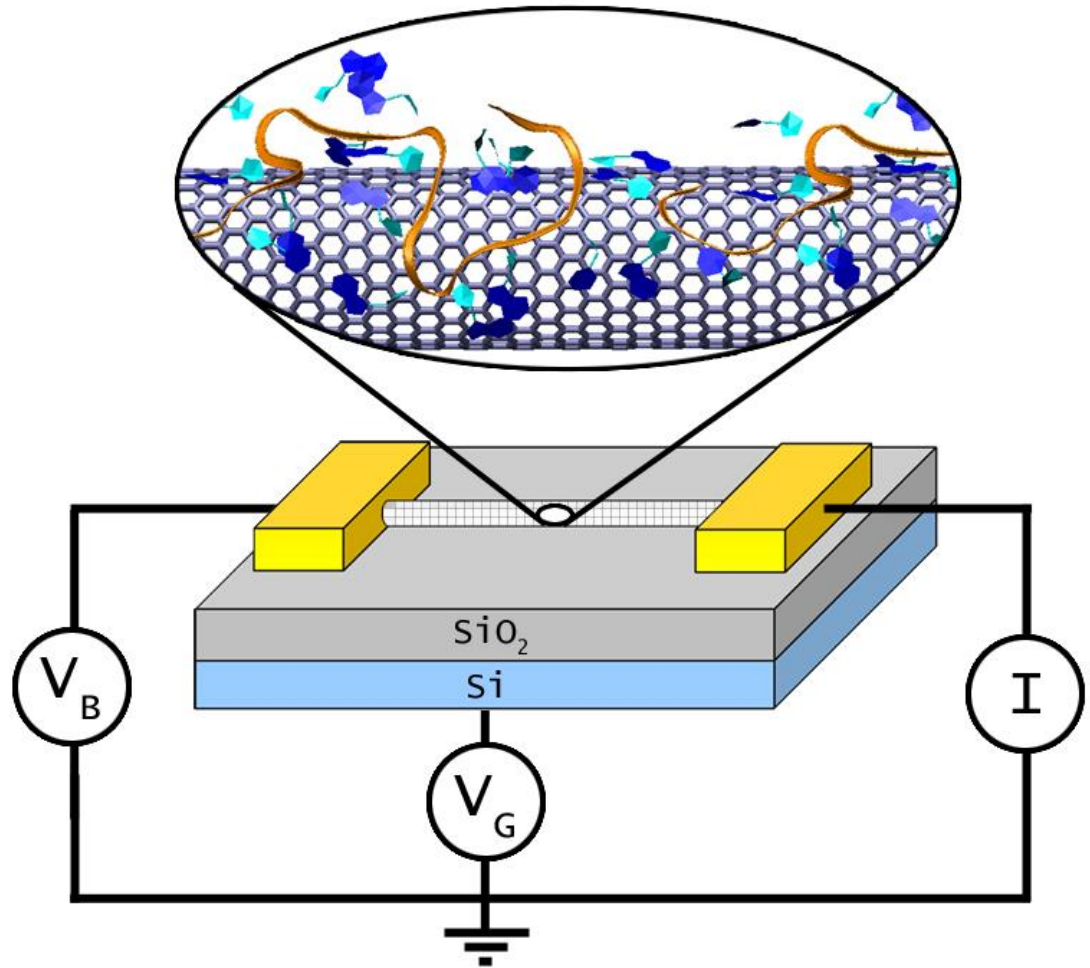


FIG. 1(c)

U.S. Pat. No.  
7,768,050  
Ferroelectric  
Thin Films

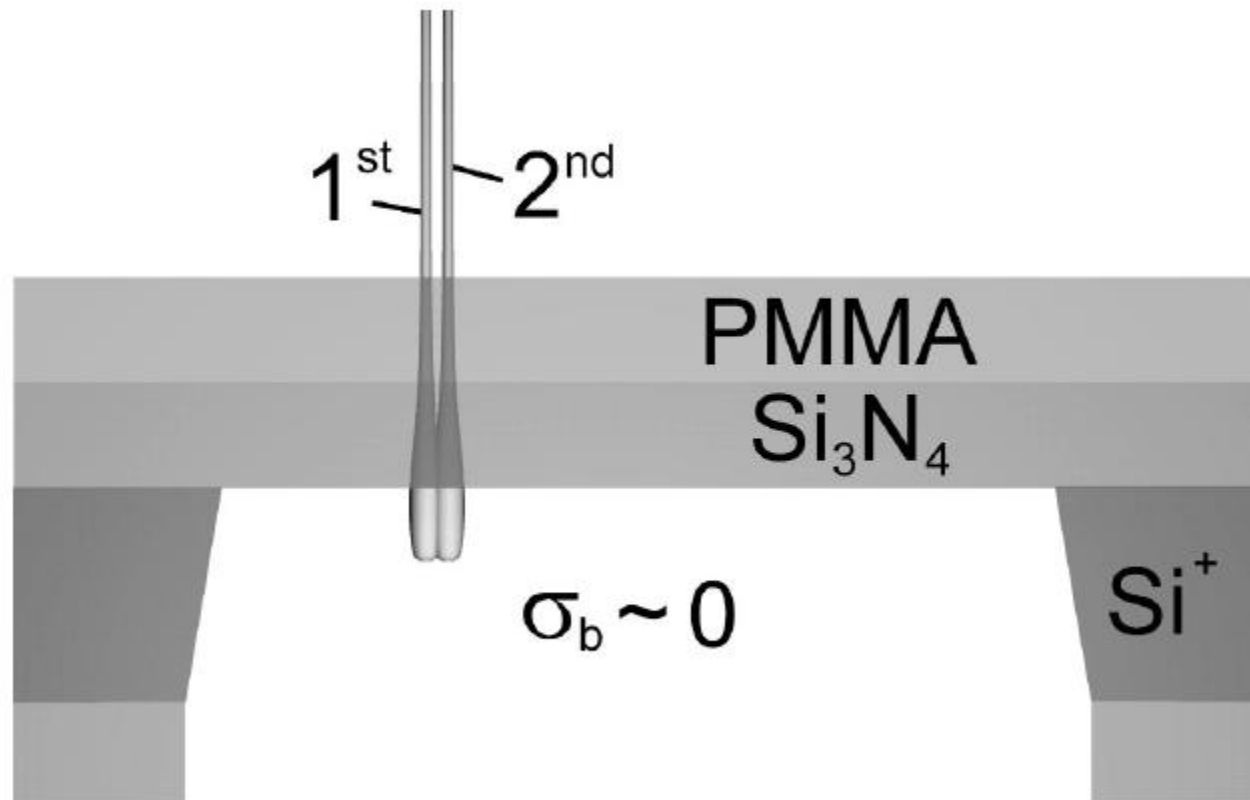


**U.S. Pat. No.  
7,977,054  
Single walled  
carbon nanotubes  
functionally  
adsorbed to  
biopolymers for  
use as chemical  
sensors**

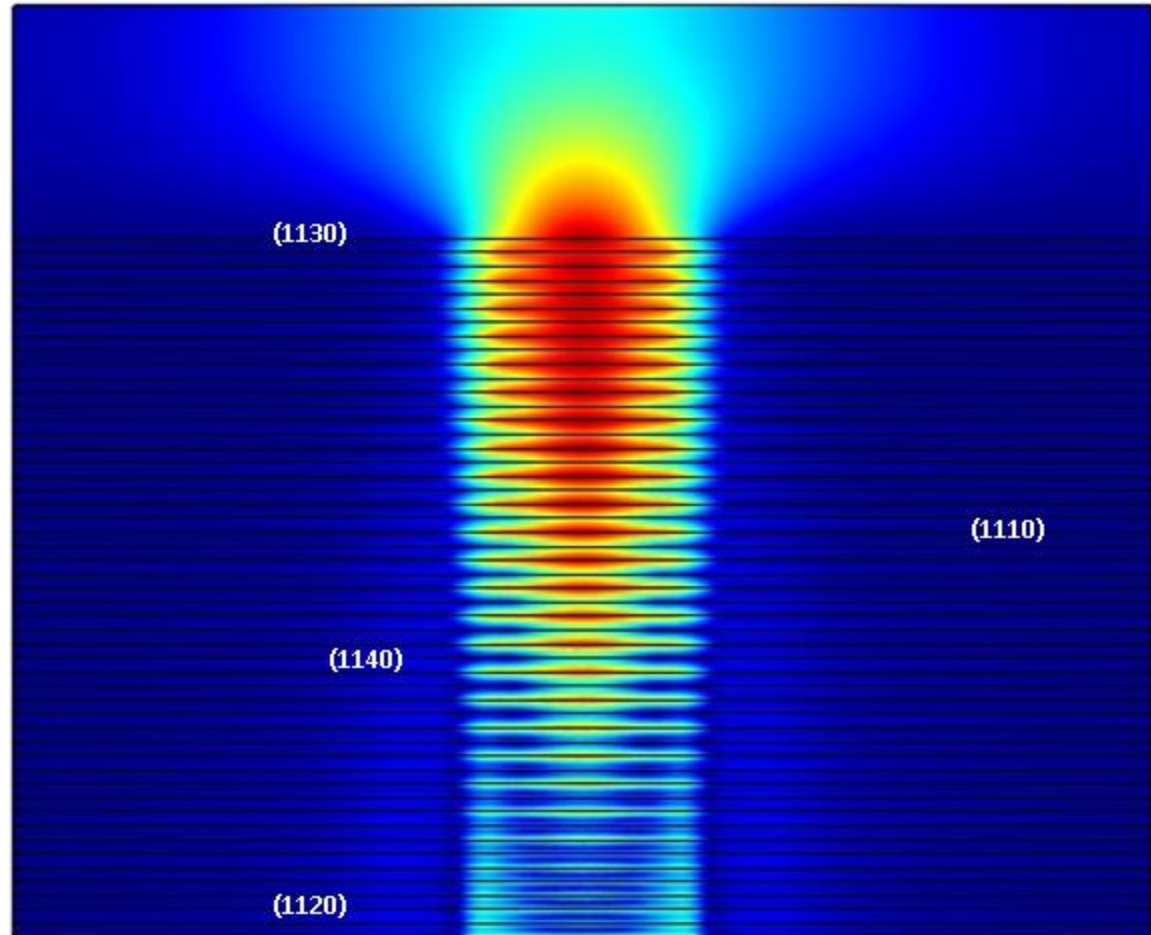


**U.S. Pat. No. 8,039,368**

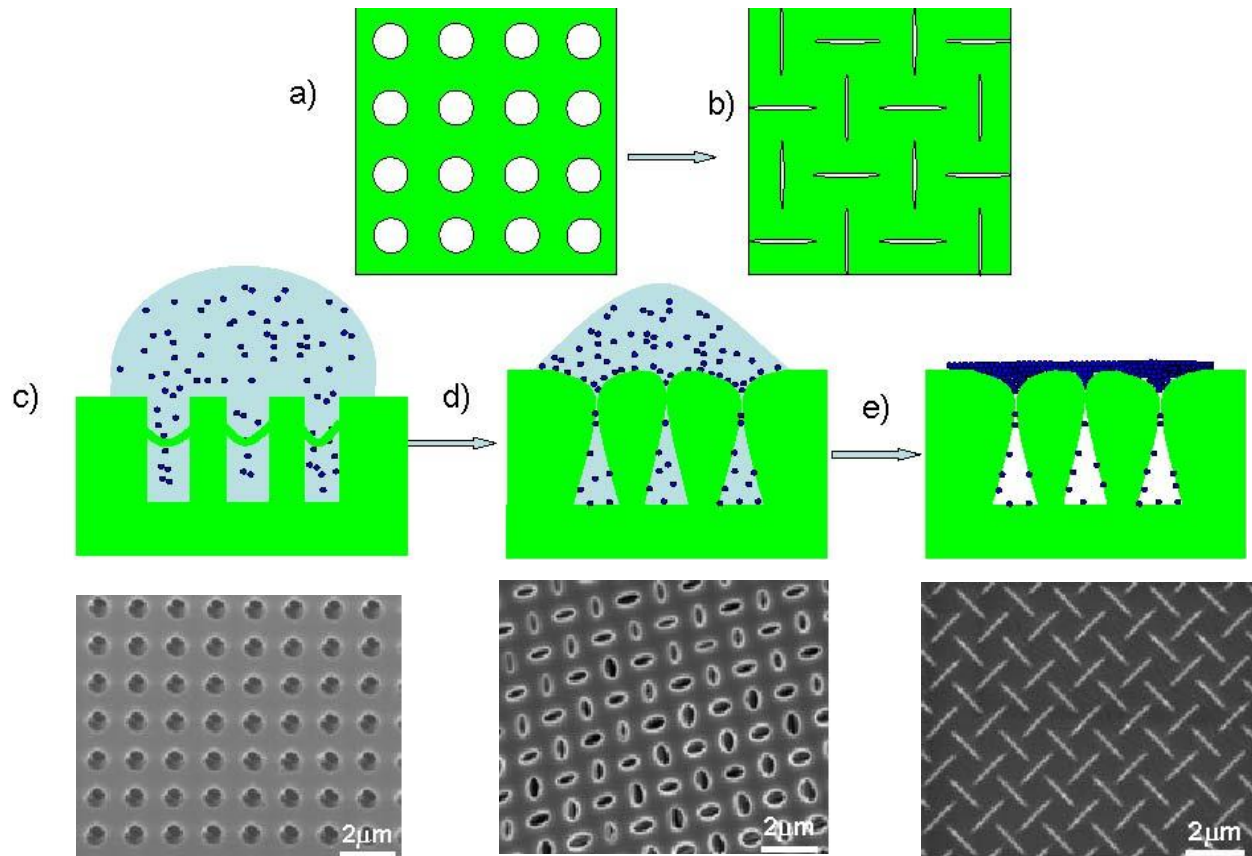
**Nanogaps: methods and devices containing same**



**U.S. Pat. No.  
8,116,009  
Far-field sub-  
diffraction  
optical  
lenses  
(FaSDOL)**

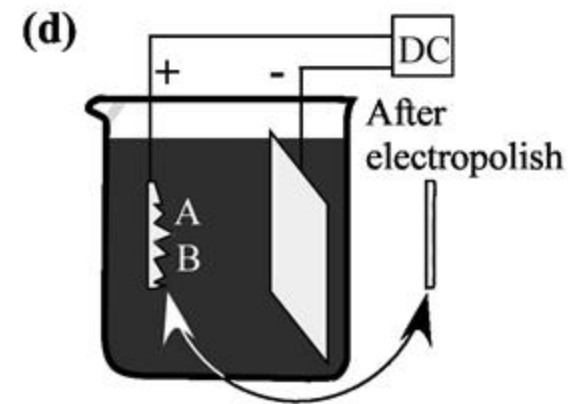
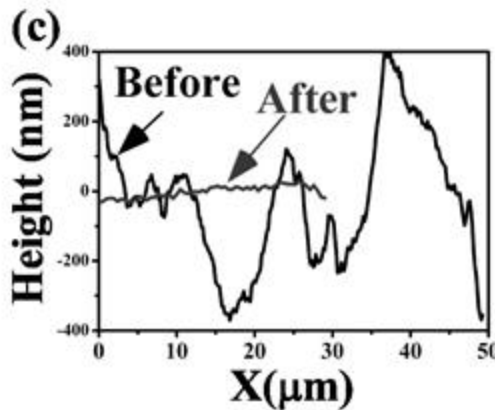
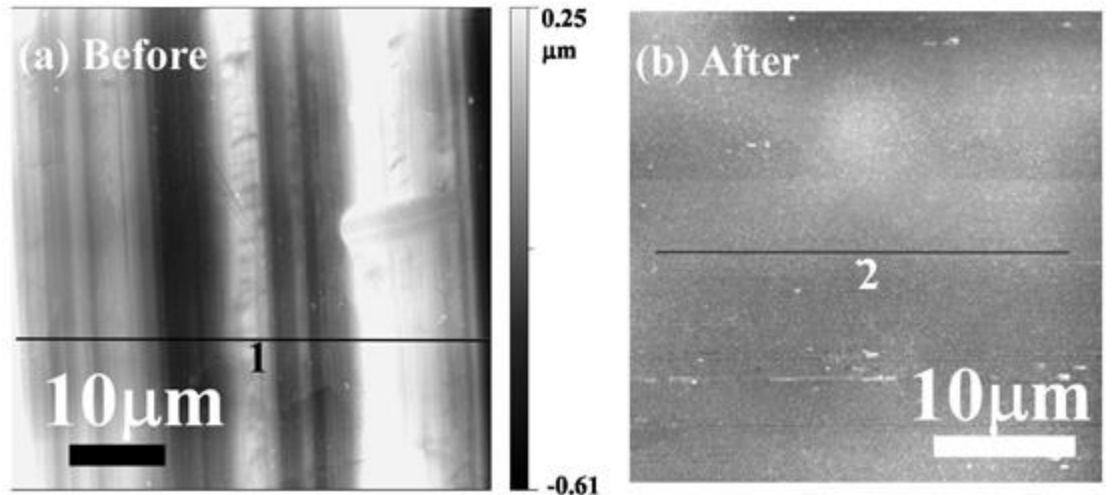


# U.S. Pat. No. 8,557,341 (Issued Tuesday) Patterning Structures Using Deformable Substrates



**U.S. Pat. App. No.  
US 2013/0217222**

**Large-scale  
graphene sheet:  
articles,  
compositions,  
methods and  
devices  
incorporating  
same**





# Nanotechnology by *Everyone*

