

# **Scanning Probe Lithography. 4. Effect Of Scanning Tunneling Microscope Tip Parameters On Lithographic Patterns In Self-Assembling Monolayers By Jonathan K. Schoer**

**By Jonathan K. Schoer**

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**Scanning Probe Lithography. 4. Effect of Scanning -**

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<http://www.amazon.co.uk/Lithography-Microscope-Parameters-Lithographic-Self-Assembling/dp/B00HQ7IEFI>

**Patent US6827979 - Methods utilizing scanning -**

Methods utilizing scanning probe microscope tips and products therefor or produced thereby US 6827979 B2

<https://www.google.de/patents/US6827979>

**Scanning probes as a lithography tool for -**

It was a field effect transistor Scanning probe lithography has the potential for a simple and inexpensive method for writing lines less than 0.1 lam in width.

<http://www.sciencedirect.com/science/article/pii/S0039602897003051>

**Scanning Probe Lithography -**

Scanning Probe Lithography M. C. Hersam, et al., (4) Electron stimulated Electron Stimulated Desorption Isotope Effect Ph. Avouris,

<http://tam.northwestern.edu/summerinstitute/links/courses/2007%20Inspiring%20the%20Coalescence%20of/pdf/Lecture03.pdf>

**Symposium B: Nanoscale Phenomena in Functional -**

Abstracts from Symposium B: Nanoscale Phenomena in Functional Materials by Scanning Probe Microscopy from the 2007 MRS Fall Meeting

<http://www.mrs.org/f07-abstract-b/>

**Patent US20030049381 - Methods utilizing scanning -**

Methods utilizing scanning probe microscope tips and products therefor or produced thereby US 20030049381 A1

<http://www.google.com/patents/US20030049381>

**Brevetto CA2411198C - Methods utilizing scanning -**

Methods utilizing scanning probe microscope tips and products therefor or produced thereby CA 2411198 C

<http://www.google.it/patents/CA2411198C?cl=en>

**Scanning probe lithography for electronics at the -**

Scanning probe lithography provides a means of fabricating semiconductor devices only a few nanometers in size, raising the possibility of the practical application

<http://spie.org/x92224.xml?highlight=x2402>

**Patent US6635311 - Methods utilizing scanning -**

or molecular beams to pattern substrates using self-assembling monolayers scanning probe microscope tip scanning tunneling microscope lithography

<http://www.google.co.in/patents/US6635311>

**8 SILICON NANOMACHINING BY SCANNING PROBE -**

Effects of tip bias, tip force, tip scanning speed and tip SILICON NANOMACHINING BY SCANNING PROBE LITHOGRAPHY AND 171 ANISOTROPIC WET ETCHING 30 25 10 " 20

[http://link.springer.com/content/pdf/10.1007%2F978-1-4757-5791-0\\_8.pdf](http://link.springer.com/content/pdf/10.1007%2F978-1-4757-5791-0_8.pdf)

**APS -2009 APS March Meeting - Session Index MAR09 -**

Bulletin of the American Physical Society the scattering parameters of MSAs cooled to 4.2 K. He-4 cooled scanning gate microscope tip to probe

<http://meetings.aps.org/Meeting/MAR09/SessionIndex3/%3FSessionEventID%3D93771/?VirtualSession=J>

**Scanning probe lithography. 4. Effect of scanning -**

4. Effect of scanning tunneling microscope tip parameters on lithographic patterns in self-assembling monolayers. Jonathan Schoer, tip parameters on lithographic

[http://works.bepress.com/jonathan\\_schoer/7/](http://works.bepress.com/jonathan_schoer/7/)

**073\_1992\_PhysStatSola - Ace Recommendation -**

Aspects of Photon Emission from Metallic Surfaces in the Scanning Tunneling Microscope BY R. BERNDT and of inelastic tunneling, energy dissipation, and tip

[http://www.learningace.com/doc/2439516/f5e8d2839f13093af1d5327e568fa604/073\\_1992\\_physstatsola](http://www.learningace.com/doc/2439516/f5e8d2839f13093af1d5327e568fa604/073_1992_physstatsola)

**Advanced scanning probe lithography - ICQM PKU -**

effects, chemical reactions and voltage-induced processes, Scanning probe lithography has experienced a quiet evolution over the past twenty years.

<http://icqm.pku.edu.cn/LabJiangYing/Documents/reference2014/5.%20nnano2014%20Advanced%20scanning%20probe%20lithography.pdf>

### **Photon Sciences | All Previous Lectures & Seminars -**

Yong Chu of the Photon Sciences Directorate will illustrate unique Differential Scanning Fluorimetry let s say in the 1 to 10 monolayers

<http://www.bnl.gov/ps/events/past.php>

### **Scanning Probe Lithography - University of -**

with minimal effects on the reaction 1\_ 2\_ 3\_ 4\_ Scanning Probe Lithography Outline Scanned Probe Oxidation

[http://light.eecs.berkeley.edu/courses/ee235sp08/student\\_presentations/0213/\(1\)\\_Scanning\\_Probe\\_Lithography.ppt](http://light.eecs.berkeley.edu/courses/ee235sp08/student_presentations/0213/(1)_Scanning_Probe_Lithography.ppt)

### **Patent US8247032 - Methods utilizing scanning -**

The invention provides a lithographic method referred to providing a substrate and a scanning probe microscope tip; (ii) coating the tip with a patterning

<http://www.google.com/patents/US8247032>

### **Brevetto EP1292361B1 - Methods utilizing scanning -**

Methods utilizing scanning probe microscope tips and products therefor or produced thereby EP 1292361 B1

<http://www.google.it/patents/EP1292361B1?cl=en>

### **APS -2005 APS March Meeting - Session Index MAR05 -**

{1.6}\$Mn\$\_{2}\$O\$\_{7}\$ single crystals using a scanning tunneling microscope effect (DFKE) also appeared in pump-probe lithography is used

<http://meetings.aps.org/Meeting/MAR05/SessionIndex3//?VirtualSession=D>

### **Advanced scanning probe lithography Ricardo -**

Advanced scanning probe lithography Ricardo Garcia1, Kim, H. et al. Effects of ion beam irradiated Si on atomic force microscopy local oxidation. Chem.

<http://arxiv.org/pdf/1505.01260.pdf>

### **Nanotechnology - Scribd -**

Modeling a Scanning Probe Microscope 4. the scientists used a special tip on scanning tunneling microscope of using self-assembling in

<https://www.scribd.com/doc/13694271/Nanotechnology>

**Symposium V V: Novel Development and Applications -**

Abstracts from Symposium VV: Novel Development and Applications  
of Scanning Probe Microscopy from the 2010 MRS Fall Meeting

<http://www.mrs.org/f10-abstract-vv/>