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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/233,293 B. Patent No.(s) Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robin Clay Fritsch Internal Address: Office of the General Counsel Suite 1265 Street Address: 4201 Wilson Boulevard City: Arlington State: VA Zip: 22230

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PATENT REEL: 013075 FRAME: 0201

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This instrument confirms to the United States Government, as represented by the National Science Foundation, an irrevocable, nonexclusive, nontransferable, royalty-free license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention Title : Quantitative Characterization of Obliquely-Deposited Substrates of Gold by Atomic Force Microscopy:: Influence of Substrate Topography on Anchoring of Liquid Crystals

Inventor(s) : Justin J. Skaife and Nicholas Abbott

Patent Application Title : Quantitative Characterization of Obliquely-Deposited Substrates of Gold by Atomic Force Microscopy:: Influence of Substrate Topography on Anchoring of Liquid Crystals

Serial No. : 09/233,293

Filing Date : January 19, 1999

Country (if other than U.S.) : Undetermined

This subject invention was made with National Science Foundation Grant Nos. CTS9502263 and DMR9400354.

Principal rights to this subject invention have been left with The Regents of the University of California, Licensor.

Signed: Linda S. Stevenson

Name: Linda S. Stevenson

Title: Principal Prosecution Analyst

Office of Technology Transfer

Date: March 15, 1999

Accepted on behalf of the Government:

[Signature]  
NSF Patent Assistant

Date: 3/20/02

