PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
California Institute of Technology	04/20/2009

RECEIVING PARTY DATA

IIName:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12358807

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NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT 500839902 REEL: 022572 FRAME: 0410

License to the United States Government

Invention Title: Single Molecule Mass Spectroscopy Enabled by

Nanoelectromechanical Systems (NEMS-MS)

Inventors: Michael L. Roukes; Akshay Naik; Mehmet Selim Hanay

Patent Application Serial No: 12/358,807

US Filing/Issue Date: 1/26/2009

Grant/Contract Identification No: GM072898

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the National Institutes of Health. This document is confirmatory of:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patent and re-issues granted thereon throughout the world; and
- All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is here by granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology 1200 E. California Boulevard

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Dated: April 20, 2009

Adam Cochran

The Intellectual Property Counsel

CIT File No: 5071

RECORDED: 04/21/2009

PATENT REEL: 022572 FRAME: 0411