

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CALIFORNIA INSTITUTE OF TECHNOLOGY	01/13/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DARPA
<b>Street Address:</b>	3701 North Fairfax Drive
<b>City:</b>	Arlington
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22203-1714
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12349365
<b>PCT Number:</b>	US0930218
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)469-2068
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	703-696-2246
<b>Email:</b>	barry.kinney.ctr@darpa.mil
<b>Correspondent Name:</b>	Kimberly Downey
<b>Address Line 1:</b>	Office of General Counsel
<b>Address Line 2:</b>	3701 North Fairfax Drive
<b>Address Line 4:</b>	Arlington, VIRGINIA 22203-1714
<b>NAME OF SUBMITTER:</b>	Kimberly Downey
<b>Total Attachments: 1</b> source=12349365 Confirmatory Assignment#page1.tif	

## License to the United States Government

Invention Title: Autonomously Electrochemical Actuation of Microfluidic Circuits

Inventors: Sameer Walavalkar; Axel Scherer

Patent Application Serial No: PCT/US09/30218

US Filing/Issue Date: 1/6/2009

Grant/Contract Identification No: HR0011-04-10054

Foreign Applications filed/intended in (countries):

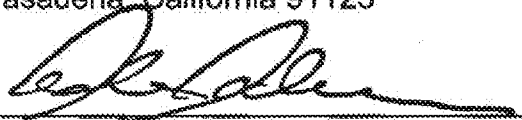
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the DARPA. This document is confirmatory of:

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
2. 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 hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology  
1200 E. California Boulevard  
Pasadena, California 91125

Dated: January 13, 2009

  
Adam Cochran  
The Intellectual Property Counsel

CIT File No: 5065-PCT