

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:  | NEW ASSIGNMENT                             |
| NATURE OF CONVEYANCE:   | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA  |  |
| Name  | Execution Date                             |
| Purdue University   | 11/10/2011                                 |
| RECEIVING PARTY DATA  |  |
| Name:   | National Science Foundation                |
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| Internal Address:   | Room 1265                                  |
| City:   | Arlington                                  |
| State/Country:  | VIRGINIA                                   |
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| PROPERTY NUMBERS Total: 1   |  |
| Property Type   | Number                                     |
| Application Number:   | 13074699                                   |
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| Total Attachments: 1<br>source=192#page1.tif  |  |

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Invention Title: Microfluidic Purge Valve

Inventor(s): Han-Sheng Chuang, Steve Wereley

U.S. Filing/Issue Date: 3/29/2011

Patent or Application Serial No.: 13/074,699

Grant/Contract Number(s): CCF0726821

Foreign Applications filed/intended in (countries): \_\_\_\_\_

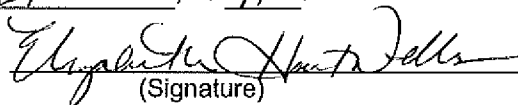
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Signed this 10<sup>th</sup> day of November, 20 11.

By Elizabeth Hart-Wells  
(Institutional Business Official)

  
(Signature)

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For PURDUE UNIVERSITY  
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