

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3343475

|                                                                                                                                                                                                 |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                             |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                 |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                            |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                      |
| SHAO-HSING YEH                                                                                                                                                                                  | 04/22/2015                                 |
| YU-YING LIN                                                                                                                                                                                     | 04/22/2015                                 |
| CHI-HAN CHIOU                                                                                                                                                                                   | 04/22/2015                                 |
| LIANG-JU CHIEN                                                                                                                                                                                  | 04/22/2015                                 |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                            |
| <b>Name:</b>                                                                                                                                                                                    | INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE   |
| <b>Street Address:</b>                                                                                                                                                                          | NO. 195, SEC. 4, CHUNG-HSING RD., CHU-TUNG |
| <b>City:</b>                                                                                                                                                                                    | HSINCHU                                    |
| <b>State/Country:</b>                                                                                                                                                                           | TAIWAN                                     |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                            |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                              |
| <b>Application Number:</b>                                                                                                                                                                      | 14706353                                   |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                            |
| <b>Fax Number:</b>                                                                                                                                                                              |                                            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                            |
| <b>Phone:</b>                                                                                                                                                                                   | 404-233-7000                               |
| <b>Email:</b>                                                                                                                                                                                   | mmmipdocket@system.foundationip.com        |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MORRIS MANNING MARTIN LLP IP DEPARTMENT    |
| <b>Address Line 1:</b>                                                                                                                                                                          | 3343 PEACHTREE ROAD, NE                    |
| <b>Address Line 2:</b>                                                                                                                                                                          | 1600 ATLANTA FINANCIAL CENTER              |
| <b>Address Line 4:</b>                                                                                                                                                                          | ATLANTA, GEORGIA 30326                     |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 15042-104828                               |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | TIM TINGKANG XIA                           |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Tim Tingkang Xia/                         |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/07/2015                                 |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                            |
| source=15042104828Assignment#page1.tif                                                                                                                                                          |                                            |
| source=15042104828Assignment#page2.tif                                                                                                                                                          |                                            |

ASSIGNMENT

WHEREAS, WE/I,

Shao-Hsing YEH

residing at : No.19, Ln. 241, Minzu Rd., East Dist., Hsinchu City 300,  
Taiwan, R.O.C.

Yu-Ying LIN

residing at : Rm. 1, 2F., Ln. 159, Wencheng 2nd St., North Dist., Tainan  
City 704, Taiwan, R.O.C.

Chi-Han CHIOU

residing at : No.254, Xinghua Rd., Shanhua Dist., Tainan City 741, Taiwan,  
R.O.C.

Liang-Ju CHIEN

residing at : No.79, Kongzhal St., Xiaogang Dist., Kaohsiung City 812,  
Taiwan, R.O.C.

have made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on \_\_\_\_\_, application Serial No. \_\_\_\_\_

which is entitled METHOD FOR MANIPULATING DROPLET

AND WHEREAS, Industrial Technology Research Institute

, a corporation having an office and place of business at

No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R.O.C.

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary

or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

We/I also authorize counsel for Applicant(s) to enter above the serial number of the application or other related information when it becomes available.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of April, 20 15  
Shao-Hsing YEH Shao-Hsing Yeh  
 Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of April, 20 15  
Yu-Ying LIN Yu-Ying Lin  
 Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of April, 20 15  
Chi-Han CHIOU Chi-Han Chiu  
 Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of April, 20 15  
Liang-Ju CHIEN Liang-Ju Chien  
 Signature