503612270 12/15/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3658901

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | |
|--|---|--|---|------|----------------|
| NATURE OF CONVEYA | NCE: | | ASSIGNMENT | | |
| CONVEYING PARTY D | ΑΤΑ | | | | |
| | | | Name | | Execution Date |
| SHIH-HSIANG CHIEN | | | | | 12/07/2015 |
| CHIN-HONE LIN | | | | | 12/07/2015 |
| CHING-JIN TYAN | | | | | 12/07/2015 |
| BO-TSENG SUNG | | | | | 12/07/2015 |
| RECEIVING PARTY DA | | | | | |
| Name: | INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE | | | | |
| Street Address: | NO. 195, SEC. 4, CHUNG-HSING ROAD, CHU-TUNG | | | | |
| City: | HSIN-CHU | | | | |
| State/Country: | TAIWAN | | | | |
| Property TypeApplication Number:1 | | Number 14969596 | | | |
| | e sent t | d; if th 617 2 pater LOCI P.O. | <i>e-mail address first; if that is u</i> <i>hat is unsuccessful, it will be s</i> 239-0100 nt@lockelord.com KE LORD LLP BOX 55874 TON, MASSACHUSETTS 02205 | sent | |
| ATTORNEY DOCKET N | JMBER: | | 0121225.147US2 | | |
| NAME OF SUBMITTER: | | TIM TINGKANG XIA | | | |
| SIGNATURE: | | | /Tim Tingkang Xia/ | | |
| DATE SIGNED: | | 12/15/2015 | | | |
| Total Attachments: 2 source=0121225Assignm source=0121225Assignm | • | - | | | |

ASSIGNMENT

WHEREAS, we/I, <u>CHIEN, SHIH-HSIANG</u>, the citizen of <u>Taiwan (R.O.C.)</u> , having postal address <u>No.360</u>, Sec. 3. Jhongsing Rd., Wujie Township, Yilan County 268, <u>Taiwan</u> (R.O.C.); <u>LIN, CHIN-HONE</u> the citizen of <u>Taiwan (R.O.C.)</u> , having postal address <u>No.175</u>, Sec. 2. Zhongshan Rd., Puli Town, Nantou County 545, <u>Taiwan (R.O.C.)</u> ; <u>TYAN, CHING-JIN</u>, the citizen of <u>Taiwan (R.O.C.)</u> , having postal address <u>4F.</u>, <u>No.69</u>, <u>Zhongyang Rd.</u>, <u>Zhudong Township</u>, <u>Hsinchu County 310</u>, <u>Taiwan (R.O.C.)</u>; <u>SUNG</u>, <u>BO-TSENG</u>, the citizen of <u>Taiwan (R.O.C.)</u> , having postal address <u>5F.</u>, <u>Ln. 245</u>, <u>Heping Rd.</u>, <u>North Dist.</u>, <u>Hsinchu City 300</u>, <u>Taiwan (R.O.C.)</u> (hereinafter "Applicants") have invented new and useful improvements for which we/I filed a U.S. patent application in the United States Patent and Trademark Office herewith, which is entitled "______" and was assigned U.S. Serial No. ______.

AND WHEREAS, **INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE**, having an office and place of business at <u>NO. 195, SEC. 4. CHUNG-HSING ROAD, CHU-TUNG, HSIN-CHU, TAIWAN, R.O.C.</u>. (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/I 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 divisionals, 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/I 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/I do hereby agree that we/I and our/my executors and legal representatives will make, execute and deliver any and all other instruments

PATENT REEL: 037294 FRAME: 0637

Attorney Docket No. 0121225.147US2

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/me 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/l 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/me and that full right to convey the same as herein expressed is possessed. by us/me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this date

<u>Chien Mich-Horang</u> CHIEN, SHIH-HSIANG

IN TESTIMONY WHEREOF, I have hereunto set my hand this date 1 > .7. > 15

<u> In Airs - Hone</u> IN, CHIN-HONE

IN TESTIMONY WHEREOF, I have hereunto set my hand this date ______ 20/5

C.J. TYAN

IN TESTIMONY WHEREOF, I have hereunto set my hand this date 12.7.2015

Go. There - Gung sung, BO-TSENG