

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fang-Chen CHUANG</td> <td>12/22/2008</td> </tr> <tr> <td>Guo-Yuan ZENG</td> <td>12/22/2008</td> </tr> <tr> <td>Gwo-Yun LEE</td> <td>12/22/2008</td> </tr> <tr> <td>Hsuan-Lih LIN</td> <td>12/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Fang-Chen CHUANG	12/22/2008	Guo-Yuan ZENG	12/22/2008	Gwo-Yun LEE	12/22/2008	Hsuan-Lih LIN	12/22/2008
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (404)365-9532</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404-233-7000</p> <p>Email: trademark@mmmlaw.com</p> <p>Correspondent Name: MORRIS MANNING MARTIN LLP</p> <p>Address Line 1: 3343 PEACHTREE ROAD, NE</p> <p>Address Line 2: 1600 ATLANTA FINANCIAL CENTER</p> <p>Address Line 4: ATLANTA, GEORGIA 30326</p>											
ATTORNEY DOCKET NUMBER:	21225-69403										
NAME OF SUBMITTER:	Tim Tingkang Xia										

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**PATENT**  
**REEL: 022146 FRAME: 0042**

Total Attachments: 2

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**ASSIGNMENT**

WHEREAS, we/I, CHUANG, FANG-CHEN, residing at 7F.-2, No.53-2, Jhongjheng Rd., Sinying City, Tainan County 730, Taiwan (R.O.C.), a citizen of Taiwan, R.O.C.; ZENG, GUO-YUAN, residing at 1F., No.4, Lane 23, Sikou St., Wunshan District, Taipei City 116, Taiwan (R.O.C.), a citizen of Taiwan, R.O.C.; LEE, GWO-YUN, residing at No.15-3, Lane 139, Chengcing Rd., Fongshan City, Kaohsiung County 830, Taiwan (R.O.C.), a citizen of Taiwan, R.O.C.; LIN, HSUAN-LIH, residing at No.30, Lane 122, Xinchang St., Nanzi District, Kaohsiung City 811, Taiwan (R.O.C.), a citizen of Taiwan, R.O.C.; (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

**REAL-TIME MOTION RECOGNITION METHOD AND  
INERTIA-SENSING AND TRAJECTORY-RECONSTRUCTION  
DEVICE USING THE SAME**

and was assigned U.S. Serial No. 12/355, 073.

AND WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, having an office and place of business at No. 195, Sec. 4, Chung-Hsing Road, Chu-Tung, Hsin-Chu, 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/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

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/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/I 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.

We/I also authorize counsel for Applicant and/or Assignee 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<sup>th</sup> day of December, 2008.

Chuang, Fang-Chen  
CHUANG, FANG-CHEN

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>th</sup> day of December, 2008.

Zeng, Guo-Yuan  
ZENG, GUO-YUAN

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>th</sup> day of December, 2008.

Lee, Gwo-Yun  
LEE, GWO-YUN

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>th</sup> day of December, 2008.

Lin Hsuan-Lih  
LIN, HSUAN-LIH