

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Harish Manohara</td> <td>04/22/2013</td> </tr> <tr> <td>Linda Y. Del Castillo</td> <td>04/22/2013</td> </tr> <tr> <td>Mohammed M. Mojarradi</td> <td>04/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Harish Manohara	04/22/2013	Linda Y. Del Castillo	04/22/2013	Mohammed M. Mojarradi	04/22/2013				
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<table border="1"> <tr> <td>Name:</td> <td>California Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>1200 E. California Boulevard</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Stop 6-32</td> </tr> <tr> <td>City:</td> <td>Pasadena</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91125</td> </tr> </table>		Name:	California Institute of Technology	Street Address:	1200 E. California Boulevard	Internal Address:	Mail Stop 6-32	City:	Pasadena	State/Country:	CALIFORNIA	Postal Code:	91125
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-852-0000</p> <p>Email: PAIR@KPPB.COM</p> <p>Correspondent Name: KAUTH , POMEROY , PECK &amp; BAILEY ,LLP</p> <p>Address Line 1: 2400 EAST KATELLA AVENUE</p> <p>Address Line 2: SUITE 1050</p> <p>Address Line 4: ANAHEIM, CALIFORNIA 92806</p>													
ATTORNEY DOCKET NUMBER:	02805												
NAME OF SUBMITTER:	Trudi Thompson												
Signature:	/t/												

OP \$40.00 13834283

Date:

05/29/2013

Total Attachments: 3

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## ASSIGNMENT

WHEREAS, WE, Harish Manohara, Linda Y. Del Castillo and Mohammed M. Mojarradi, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States entitled MULTI-DIRECTIONAL ENVIRONMENTAL SENSORS filed March 15, 2013 and having been assigned Application No. 13/834283;

WHEREAS, California Institute of Technology, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1200 East California Boulevard, Mail Stop 6-32, Pasadena, California 91125 (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 therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, 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 said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, 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 said 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 there from; and 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 said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my 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

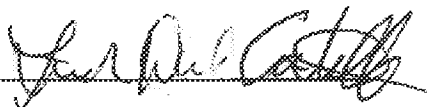
documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, 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 me and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto set my hand this 22 day of April, 2013.




Harish Manohara  
642 W. Huntington Drive, Unit 15  
Arcadia, CA 91007

WITNESS: 

Print name Linda Del Castillo

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IN WITNESS WHEREOF, I have hereunto set my hand this 22 day of April, 2013.

  
Linda Y. Del Castillo  
18 Fano Street, Unit 9  
Arcadia, CA 91006


WITNESS: 

Print name HARISH M. MANDHARA

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IN WITNESS WHEREOF, I have hereunto set my hand this 22 day of April, 2013.

  
Mohammed M. Mojarradi  
163 Starlight Crest  
La Canada, CA 91011

WITNESS: 

Print name HARISH M. MANDHARA

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