

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Junmin Wang</td> <td>06/06/2012</td> </tr> <tr> <td>Madhu Soodhanan Govindarajan</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Junmin Wang	06/06/2012	Madhu Soodhanan Govindarajan	06/06/2012				
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Madhu Soodhanan Govindarajan	06/06/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>The Ohio State University</td> </tr> <tr> <td>Street Address:</td> <td>1216 Kinnear Road</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>43212-1154</td> </tr> </table>		Name:	The Ohio State University	Street Address:	1216 Kinnear Road	City:	Columbus	State/Country:	OHIO	Postal Code:	43212-1154
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012040499</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012040499						
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CORRESPONDENCE DATA											
<p>Fax Number: (216)566-9711 Phone: 2165669700 Email: dragony@rankinhill.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Rankin Hill & Clark LLP Address Line 1: 23755 Lorain Road Address Line 2: Suite 200 Address Line 4: North Olmsted, OHIO 44070</p>											
ATTORNEY DOCKET NUMBER:	HRA-34795.02										
NAME OF SUBMITTER:	Erik J. Overberger										
Total Attachments: 2 source=AssignFldOSU#page1.tif source=AssignFldOSU#page2.tif											

OP \$40.00 US2012040499

ASSIGNMENT

This assignment is made by Junmin Wang, a Chinese citizen, residing at Dublin, OH and Madhu Soodhanan Govindarajan, a Indian citizen, residing at Columbus, OH ("ASSIGNORS") to The Ohio State University, a non-profit organization organized under the laws of the State of Ohio and having an office at 1216 Kinnear Road, Columbus, Ohio 43212-1154 USA ("ASSIGNEE").


FOR AT LEAST ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to the invention entitled TARGET RECOGNITION AND LOCALIZATION METHODS USING A LASER SENSOR FOR WHEELED MOBILE ROBOTS, as described and/or claimed in application for patent, PCT Application Serial No. PCT/US12/40499, filed June 1, 2012. ASSIGNORS further do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to ASSIGNORS' invention as described and/or claimed in any and all applications for patents based on the invention, including any provisional application(s) from which it claims priority, any patent application(s) claiming priority thereto and any patent(s) issuing therefrom, further including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE'S name.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNORS will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEE, execute any patent application(s)

claiming priority thereto including continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEE. ASSIGNORS will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.


Junmin Wang, ASSIGNOR 6-6-2012

STATE OF _____ :
COUNTY OF _____ : SS.

Before me personally appeared Junmin Wang, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____, 2012.

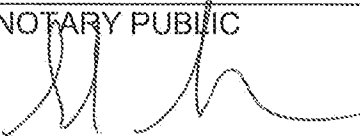
NOTARY PUBLIC


Madhu Soodhanan Govindarajan, ASSIGNOR 6-6-2012

STATE OF _____ :
COUNTY OF _____ : SS.

Before me personally appeared Madhu Soodhanan Govindarajan, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that she executed the same, of her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____, 2012.

WITNESSES:  6/6/12
NORMAN S. YI

NOTARY PUBLIC
 6/6/2012
Samuel Shaw