

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Haruhiko H. Asada	09/08/2011
Geoffrey I. Karasic	10/03/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Ave.
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13214143
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(617)258-6790
Phone:	6172536966
Email:	jwalter@MIT.EDU
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Massachusetts Institute of Technology
Address Line 1:	One Cambridge Center, Kendall Square
Address Line 2:	Room NE18-501
Address Line 4:	Cambridge, MASSACHUSETTS 02142
ATTORNEY DOCKET NUMBER:	11-0468-US-NP
NAME OF SUBMITTER:	Hugh P. Gortler
Total Attachments: 3 source=Assignment_Asada_Karasic_11-0468-US-NP#page1.tif source=Assignment_Asada_Karasic_11-0468-US-NP#page2.tif source=Assignment_Asada_Karasic_11-0468-US-NP#page3.tif	

OP \$40.00 13214143


## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Assignors hereby:

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue; Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on 19 August 2011 under No.13/214,143, bearing Attorney Docket No. 11-0468-US-NP, and entitled "Robot having obstacle avoidance mechanism", and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to Japan and Korea, on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request Hugh P. Gortler, Reg. 33,890 to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with said Assignee 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; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

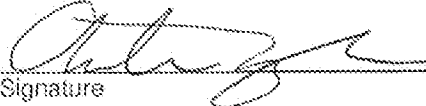
9/8/2011  
Date

  
Inventor: Haruhiko H. Asada  
Address: Lincoln, MA

Citizenship: US

Witness:


09/16/2011  
Date

  
Signature

Name: Anirban Mazumdar  
Address: 70 Pacific St.  
Cambridge MA 02139

Witness:

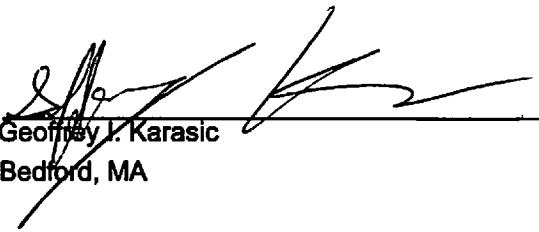
9/16/2011  
Date

  
Signature

Name: Ian Rust  
Address: 208 Pearl St. Fl. 2  
Cambridge, MA 02139

This instrument is executed under seal.

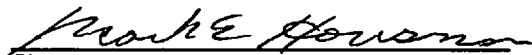
10/03/2011  
Date

  
Inventor: Geoffrey I. Karasic  
Address: Bedford, MA

Citizenship: US

Witness:

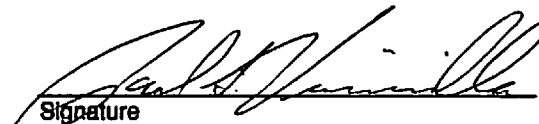
10/3/2011  
Date

  
Signature

Name: Mark Hausman  
Address: 27 Eden Park Dr.  
N. Attleboro, MA 02760

Witness:

10/03/2011  
Date

  
Signature

Name: PAUL S. Vincilla  
Address: 56 RESERVOIR ST.  
BRISTOL, MA 02301