

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hisashi Sugiura</td> <td>04/08/2008</td> </tr> <tr> <td>Herbert Janssen</td> <td>04/08/2008</td> </tr> <tr> <td>Michael Gienger</td> <td>04/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hisashi Sugiura	04/08/2008	Herbert Janssen	04/08/2008	Michael Gienger	04/08/2008
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Hisashi Sugiura	04/08/2008								
Herbert Janssen	04/08/2008								
Michael Gienger	04/08/2008								
RECEIVING PARTY DATA									
Name:	Honda Research Institute Europe GmbH								
Street Address:	Carl-Legien-Strasse 30								
City:	Offenbach/Main								
State/Country:	GERMANY								
Postal Code:	63073								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12052483</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12052483				
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Application Number:	12052483								
CORRESPONDENCE DATA									
Fax Number:	(650)938-5200								
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NAME OF SUBMITTER:	Dohyun Ahn								
Total Attachments: 2 source=13969_Assignment#page1.tif source=13969_Assignment#page2.tif									

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Honda Research Institute Europe GmbH, a German corporation, having a place of business at Carl-Legien-Straße 30, 63073 Offenbach/Main, Germany, ("ASSIGNEE")**, for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **ROBOTS WITH COLLISION AVOIDANCE FUNCTIONALITY** ("APPLICATION"), which:

was filed on March 20, 2008, and now bears U.S. application serial number **12/052,483**.

The APPLICATION claims priority from a foreign application: EP application serial number 07104815 filed on March 23, 2007.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
(c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.


INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: Robots with Collision Avoidance Functionality
Filed: March 20, 2008
Application No.: 12/052,483


hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Hisashi Sugiura

Date of Signature
2008-04-08

Name and Signature

Herbert Janssen

Date of Signature
2008-04-08

Name and Signature

Michael Gienger

Date of Signature
2008-04-08