

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Markus Olhofer	05/03/2007
Stefan Menzel	05/03/2007
Bernhard Sendhoff	05/03/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Honda Research Institute Europe GmbH
<b>Street Address:</b>	Carl-Legien-Strabe 30
<b>City:</b>	Offenbach/Main
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	63073
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11683910
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(650)938-5200
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(650) 335-7133
Email:	jmcnelis@fenwick.com
Correspondent Name:	John T. McNelis
Address Line 1:	801 California Street
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041
ATTORNEY DOCKET NUMBER:	23077-12371
NAME OF SUBMITTER:	John T. McNelis

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Total Attachments: 4  
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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 **Evolutionary Direct Manipulation Of Free Form Deformation Representations For Design Optimization ("APPLICATION")**, which:

was filed on **March 8, 2007**, and now bears U.S. application serial number **11/683,910**.

The APPLICATION claims priority from a foreign application, filed on **March 27, 2006**, now bearing EP application serial number **06006293.2**.

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

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Representations For Design Optimization  
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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 \_\_\_\_\_

Date of Signature \_\_\_\_\_

  
\_\_\_\_\_  
Markus Olhofer

3.5.2007 ,2007

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared Markus Olhofer personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

\_\_\_\_\_  
Notary

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Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

S. Menzel  
Stefan Menzel

03.05, 2007

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared Stefan Menzel personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

\_\_\_\_\_  
Notary

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Name and Signature

B. Sendhoff

Bernhard Sendhoff

State of GERMANY

County of \_\_\_\_\_

Date of Signature

03.05. ,2007

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared **Bernhard Sendhoff** personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

\_\_\_\_\_  
Notary