

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>Frank Joublin</td><td>10/31/2007</td></tr><tr><td>Martin Heckmann</td><td>11/01/2007</td></tr><tr><td>Claudius Glaeser</td><td>10/31/2007</td></tr></tbody></table>		Name	Execution Date	Frank Joublin	10/31/2007	Martin Heckmann	11/01/2007	Claudius Glaeser	10/31/2007
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Frank Joublin	10/31/2007								
Martin Heckmann	11/01/2007								
Claudius Glaeser	10/31/2007								
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11858743</td></tr></tbody></table>		Property Type	Number	Application Number:	11858743				
Property Type	Number								
Application Number:	11858743								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	23077-13267								
NAME OF SUBMITTER:	Dohyun Ahn								
Total Attachments: 3 source=13267_Assignment#page1.tif source=13267_Assignment#page2.tif									

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PATENT  
REEL: 020093 FRAME: 0767



### 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 **Joint Estimation of Formant Trajectories Via Bayesian Techniques and Adaptive Segmentation** ("APPLICATION"), which:

☒ was filed on **September 20, 2007**, and now bears U.S. application serial number **11/858,743**.

☒ The APPLICATION claims priority from a foreign application: EP application serial number **06020643** filed on **September 29, 2006**.

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: Joint Estimation of Formant Trajectories Via Bayesian Techniques and  
Adaptive Segmentation  
Filed: September 20, 2007  
Application No.: 11/858,743

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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 \_\_\_\_\_

  
\_\_\_\_\_  
Frank Joublin

31.10.07  
\_\_\_\_\_

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

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared Frank Joublin 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

Title: Joint Estimation of Formant Trajectories Via Bayesian Techniques and  
Adaptive Segmentation  
Filed: September 20, 2007  
Application No.: 11/858,743

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Name and Signature



Martin Heckmann

Date of Signature

1.11.2007

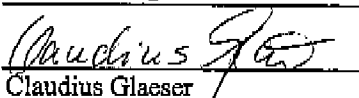
State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared  
Martin Heckmann 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

Name and Signature



Claudius Glaeser

Date of Signature

31.10.2007

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

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared  
Claudius Glaeser 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