

Client/Matter No. 11336-963 (P04051US)

# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

**1. Name of conveying Party(ies)/Execution Date:**

PHILLIP HETHERINGTON  
PIERRE ZAKARAUSKAS  
SHAHLA PARVEEN

Additional name(s) of conveying party(ies) attached?

Yes  No

**2. Name and Address of receiving Party(ies):**

Name: HARMAN BECKER AUTOMOTIVE  
SYSTEMS - WAVEMAKERS,  
INC.

Internal Address:

Street Address: #302 - 134 Abbott Street

City: Vancouver

State: British Columbia, V6B 2K4  
CANADA

Country: Zip:

Additional name(s) and addresses attached?  Yes  No

**3. Nature of Conveyance:**

Execution Date(s):

Assignment

Change of Name

Executive Order 9424, Confirmatory License

Security Agreement

Merger

Joint Research Agreement

Government Interest Assignment  Other

**4. Application or patent number(s).**

This document is being filed together with a new application.

A. Patent Application No.(s)  
11/085,825

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312) 321-4200  
(312) 321-4299 Fax

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card.

Authorized to be charged to Deposit Account No. 23-1925.

Enclosed

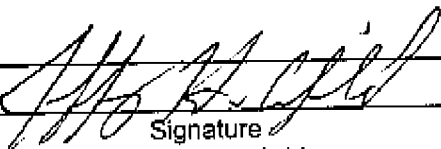
None required (government interest not affecting title)

**8. Payment Information:**

a.  Credit Card: Last 4 Numbers  
Expiration Date

b.  Charge fee and/or any Deficiencies to Deposit  
Account Number: 23-1925  
Authorized User Name: Brinks Hofer Gilson & Lione

**9. Signature:**



Signature

Jeffrey H. Canfield

Name of Person Signing

October 18, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0145 or (571) 273-1450

700218664

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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11336/963 (P04051US)



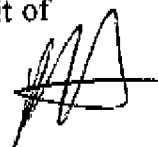
**ASSIGNMENT**

WHEREAS, Phillip Hetherington, Pierre Zakarauskas and Shahla Parveen, the "Assignors", have made the invention described in the United States patent application entitled ISOLATING SPEECH SIGNALS UTILIZING NEURAL NETWORKS, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 21, 2005 and assigned Application Serial No. 11/085,825;

WHEREAS, **HARMAN BECKER AUTOMOTIVE SYSTEMS - WAVEMAKERS, INC.**, a corporation existing under the laws of Canada and having an office at #302 - 134 Abbott Street, in the city of Vancouver, in the Province of British Columbia, V6B 2K4, CANADA, hereinafter the "Assignee", desires to acquire all right, title and interest in and to the invention and the patent application identified above, and in all Patents, in the United States and in any and all foreign countries which may be obtained from said invention;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; to hold for the sole and exclusive use and benefit of

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  P.2. 

PATENT

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the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

*Phil Holt*

*Sept 27 05*

*Ric 296*

*Sept 27 '05*

*[Signature]*

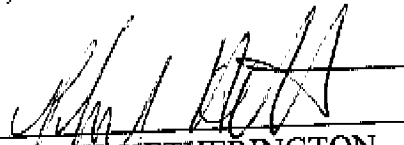
*Sept 27 105*

*Anthony R. Noz...*  
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*Sept 27 '05*

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

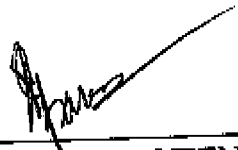
DATED: Sept 27 '05

  
\_\_\_\_\_  
PHILLIP HETHERINGTON

DATED: Sept 27 '05

  
\_\_\_\_\_  
PIERRE ZAKARAS

DATED: Sept 27 '05

  
\_\_\_\_\_  
SHAHLIA PARVEEN

*Anthony R Norfolk 27 Sept '05*

Province Of *British Columbia*  
City Of *Vancouver* ) ss.

I, *ANTHONY R. NORFOLK* a Notary Public in and for the Province and City aforesaid, do hereby certify PHILLIP HETHERINGTON, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this *27th* day of *September*, 2005.

*Anthony R. Norfolk*  
Notary Public

*Does not*  
My Commission Expires:

Province Of *British Columbia*  
City Of *Vancouver* ) ss.

**ANTHONY R. NORFOLK**  
BARRISTER AND SOLICITOR  
SUITE 501 - 134 ABBOTT STREET  
VANCOUVER, B.C. CANADA V6J 2K4  
TEL: (604) 682-8448 FAX: (604) 682-8452  
EMAIL: anorfolk@axionet.com

I, *ANTHONY R. NORFOLK*, a Notary Public in and for the Province and City aforesaid, do hereby certify that PIERRE ZAKARAUSKAS, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this *27th* day of *September*, 2005.

*Anthony R. Norfolk*  
Notary Public

*Does not*  
My Commission Expires:

**ANTHONY R. NORFOLK**  
BARRISTER AND SOLICITOR  
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VANCOUVER, B.C. CANADA V6J 2K4  
TEL: (604) 682-8448 FAX: (604) 682-8452  
EMAIL: anorfolk@axionet.com

Province Of *British Columbia*  
City Of *Vancouver* ) ss.

I, *ANTHONY R. NORFOLK* a Notary Public in and for the Province and City aforesaid, do hereby certify SHAHLA PARVEEN, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this *27th* day of *September*, 2005.

*Anthony R. Norfolk*  
Notary Public

*does not*  
My Commission Expires:

**ANTHONY R. NORFOLK**  
**BARRISTER AND SOLICITOR**  
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