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Client/Matter No. 11336/884 (P05055USP)

04-19-2005

REC



SHEET

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To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below:

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

RAJEEV NONGPIUR
DAVID GIESBRECHT
PHILLIP HETHERINGTON

Execution Date(s): April 5, 2005, April 5, 2005 and
April 5, 2005

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

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Change of Name

☐ Security Agreement ☐ Merger

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

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

Province: Province of British Columbia

Country: Canada, V6B 2K4

Additional name(s) and addresses attached? ☐ Yes ☒ No

4. Application or patent number(s).

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

John F. Nethery, Esq.
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

John F. Nethery

Name of Person Signing

8-APRIL-2005

Date

Total number of pages including cover
sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016458 FRAME: 0678

ASSIGNMENT

WHEREAS, **Rajeev Nongpiur, David Giesbrecht and Phillip Hetherington**, herein after called the “Assignors”, have made the invention described in the United States patent application entitled **PERIODIC SIGNAL ENHANCEMENT SYSTEM**, executed by Assignors on or about the same date as this Assignment;

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 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.

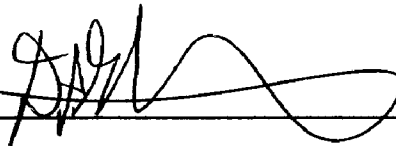
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: April 5th, 2005



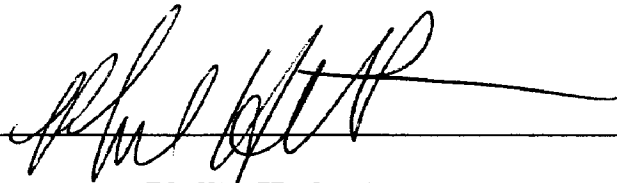
Rajeev Nongpiur

DATED: April 5th, 2005



David Giesbrecht

DATED: April 5 2005



Phillip Hetherington

Province Of British Columbia
) ss.
 City Of Vancouver)

I, ALI YUSUF a Notary Public in and for the Province
 and City aforesaid, do hereby certify **Rajeev Nongpiur**, 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
5th day of April, 2004 2005. ^{AM}

Ali Yusuf
 Notary Public

My Commission Expires: NEVER

Province Of British Columbia
) ss.
 City Of Vancouver)

Ali Yusuf
 Barrister & Solicitor
 501 - 134 Abbott St.
 Vancouver, B.C.
 V6B 2K4

I, ALI YUSUF a Notary Public in and for the Province
 and City aforesaid, do hereby certify **David Giesbrecht**, 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
5th day of April, 2004 2005. ^{AM}

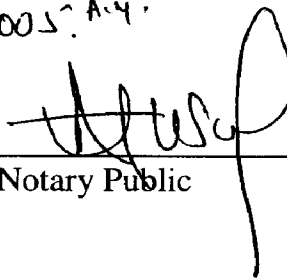
Ali Yusuf
 Notary Public

My Commission Expires: NEVER

Province Of British Columbia)
 City Of Vancouver) ss.

I, ALI YUSUF, a Notary Public in and for the Province and City aforesaid, do hereby certify that **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
5th day of April, 2004. 2005 A.Y.


 Notary Public

My Commission Expires: NEVER