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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)

Ulrich Horbach; Jaye Waas

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 20, 2008; March 20, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: Harman International Industries, Incorporated

Internal Address: \_\_\_\_\_

Street Address: 8500 Balboa Blvd.

City: Northridge

State: CA

Country: US Zip: 91329

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

A. Patent Application No.(s)

12/046,338

☐ This document is being filed together with a new application.  
 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jennifer H. Hamilton

Internal Address: \_\_\_\_\_

Street Address: The Eclipse Group LLP

10605 Balboa Blvd., Suite 300

City: Granada Hills

State: CA Zip: 91344

Phone Number: (818) 488-8141

Fax Number: (818) 332-4205

Email Address: jhh@eclipsegrp.com

### 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  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers 0465  
 Expiration Date 05/2010

b. Deposit Account Number 50-2542

Authorized User Name Jennifer H. Hamilton

### 9. Signature:

Jennifer H. Hamilton  
 Signature

5/21/08  
 Date

Jennifer H. Hamilton

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

**REEL: 020994 FRAME: 078**

**700372123**

OP \$40.00 12046338

Atty. Docket: HI07032USU (P08043US)

PATENT

**CONFIRMATORY ASSIGNMENT**

This Confirmatory Assignment ("Assignment") shall be effective as of March 11, 2008 ("Effective Date") by and between:

Ulrich Horbach, residing at 27259 Cloverhurst Place, Canyon Country, CA 91387; and  
Jaye Waas, residing at 1308 6<sup>th</sup> St., Manhattan Beach, CA 90266; ("ASSIGNORS"); and

Harman International Industries, Incorporated, a Delaware corporation, having a principal place of business at 8500 Balboa Blvd., Northridge, CA 91329 ("ASSIGNEE").

**1.0 BACKGROUND**

1.1 ASSIGNORS, through ASSIGNORS employment with ASSIGNEE, as either employee or contractor, as the case may be, invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States titled "CLASS-D TRANSDUCTANCE AMPLIFIER", U.S. Patent Application Serial No. 12/046,338 filed on March 11, 2008, and any U.S. and foreign counterpart patent applications to which priority is claimed. The subject matter of this patent application shall be referred to as the "Invention."

1.2 ASSIGNEE, as employer of ASSIGNORS, owns all right, title and interest in and to the Invention. ASSIGNORS, as consideration for ASSIGNORS employment with ASSIGNEE, agreed to execute all the necessary documents in order to perfect and confirm ASSIGNEE'S ownership in any inventions created or developed by ASSIGNORS during ASSIGNORS employment with ASSIGNEE.

1.3 For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS are executing this Assignment to confirm ASSIGNEE'S ownership in and to formally transfer to ASSIGNEE all right, title and interest in and to the Invention and all Letters Patent which may be granted from the Invention in the United States or any foreign country.

**2.0 ASSIGNMENT**

2.1 ASSIGNORS sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in and to the Invention and all Letters Patent that may be granted from the Invention in the United States, including any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the patents may be granted. ASSIGNORS do hereby assign all right, title and interest in and to the Invention, including all intellectual property rights and copyrights in the Invention, to ASSIGNEE.

2.2 ASSIGNORS also assign all of ASSIGNORS right, title and interest in and to the Invention in all foreign countries, including the right to apply for a patent or related legal rights in any foreign country and the right to all current and further applications for patents or related legal rights for the Invention, including the right to claim International Convention priority.

Atty. Docket No. HI07032USU (P08043US)

PATENT

THE ECLIPSE GROUP LLP  
10605 Balboa Blvd., Suite 300  
Granada Hills, CA 91344  
Please direct all correspondence to:

Jennifer H. Hamilton  
THE ECLIPSE GROUP LLP  
10605 Balboa Blvd., Suite 300  
Granada Hills, CA 91344

Please direct telephone calls to Jennifer H. Hamilton at (818) 488-8141 (facsimile (818) 332-4205)).

Full name of first joint inventor: Ulrich Horbach

Signature of inventor:

Date:

Residence and Post Office Address:

Citizenship:

Ulrich Horbach

03-20-2008

27259 Cloverhurst Place  
Canyon County, CA 91387

German

Full name of second joint inventor: Jaye Waas

Signature of inventor:

Date:

Residence and Post Office Address:

Citizenship:

Jaye Waas

March 20<sup>th</sup> 2008

1308 6<sup>th</sup> St.  
Manhattan Beach, CA 90266

U.S.