Form PTO-1595 (Rev. 09-08) _OMB No. 0651-0027 (exp. 10/31/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FORM COVER SHEET	
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)	2. Name and address of receiving party(ies)
	Name: Harman International Industries, Incorporated
Mirza Kolakovic; Greg Hamel; and Matthew Day	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: 8500 Balboa Blvd.
Execution Date(s) 03/17/2009; 03/17/2009; 03/17/2009	
Assignment Merger	
Security Agreement Change of Name	City:
Joint Research Agreement	State: California
Government Interest Assignment	Country: U.S. Zip; 91329
Executive Order 9424, Confirmatory License	Zip
Other	Additional name(s) & address(es) attached? 🗌 Yes 🖌 No
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
13/104.023	
Additional numbers attached? Ves VNo	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: ¹
Name: Jennifer H. Hamilton	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
	Authorized to be charged to deposit account
Street Address: The Eclipse Group LLP	Enclosed
6345 Balboa Blvd., Suite 325	None required (government interest not affecting title)
City: Encino	8. Payment Information
State: CA Zip: 91316	
Phone Number: (818) 488-8141	
Fax Number: (818) 332-4205	Deposit Account Number 50-2542
Email Address:PTDocketing@eclipsgrp.com	Authorized User Name Jennifer H. Hamilton
9. Signature: 1. R. A. A. A. A.	Startin
Signature	
Jennifer H. Hamilton	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 Atty, Docket: H108009USU (P08110US)

PATENT

ASSIGNMENT

This Assignment ("Assignment") shall be effective as of February 23. 2009 ("Effective Date") by and between:

Mirza Kolakovic, residing at 20079 Maplewood St., Livonia, MI 48152;

Greg Hamel, residing at 17750 Parklane St., Livonia, MI 48152;

Matthew Day, residing at 9410 Garden TER, Commerce TWP, MI 48382:

(collectively "ASSIGNORS"): and

Harman International Industrics. 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 each ASSIGNOR'S respective fiduciary duty and/or employment with ASSIGNEE, as either fiduciary and/or employee, as the case may be, jointly invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States titled "BI-DIRECTIONAL AND ADJUSTABLE CURRENT SOURCE", U.S. Patent Application Serial No. 12/391.133 filed on February 23, 2009 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 cach ASSIGNOR, owns all right, title and interest in and to the Invention. ASSIGNORS, as consideration for each ASSIGNOR'S respective employment with ASSIGNEE, and/or based upon the duty of fidelity of each ASSIGNOR to ASSIGNEE, agree to execute all the necessary documents in order to perfect ASSIGNEE'S ownership in the Invention 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 jointly executing this Assignment to ASSIGNEE to formally transfer to ASSIGNEE their equal and undivided 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 their equal, 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 also assign all right, title and interest in and to the Invention, including all intellectual property rights and copyrights in the Invention, to ASSIGNEE.

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PATENT

2.2 ASSIGNORS assign all of ASSIGNORS' equal and undivided 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.

2.3 ASSIGNORS grant to ASSIGNEE the right to file applications on any aspect of the Invention in the name of all ASSIGNORS, in the name of ASSIGNEE, or otherwise, as ASSIGNEE may deem advisable.

2.4 ASSIGNORS further transfer and assign to ASSIGNEE all causes of action. rights, and remedies arising under any such patent, related legal rights, or application prior to or after the Effective Date of this Agreement.

2.5 ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment of the Invention and all the related patents and patent applications filed therefrom.

2.6 ASSIGNORS further covenant that, upon ASSIGNEE'S request, ASSIGNORS will promptly provide ASSIGNEE with all pertinent facts and documents relating to the Invention, and patents or patent applications as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation process related to the Invention or any Letters Patent, patent application, or related legal rights, related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the Invention and any patents or patent applications relating to the Invention as may be reasonably necessary or desirable.

The terms, covenants and provisions of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS and ASSIGNORS' respective heirs, legal representatives and assigns.

Date <u>3 - 17 - 2009</u>	ByMirza Kolakovic
Dale 3-17-2009	By Automatic Greg Hamel
Date2	ByAtt Day
Serial No. 12/391.133	-2-

RECORDED: 08/24/2011

PATENT REEL: 026805 FRAME: 0216