

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Levi Pearson</td> <td>01/31/2013</td> </tr> <tr> <td>David Olsen</td> <td>01/31/2013</td> </tr> <tr> <td>Craig Gunther</td> <td>01/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Levi Pearson	01/31/2013	David Olsen	01/31/2013	Craig Gunther	01/31/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Harman International Industries, Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>400 Atlantic Street</td> </tr> <tr> <td>City:</td> <td>Stamford</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06901</td> </tr> </table>		Name:	Harman International Industries, Incorporated	Street Address:	400 Atlantic Street	City:	Stamford	State/Country:	CONNECTICUT	Postal Code:	06901
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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>13757401</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13757401						
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CORRESPONDENCE DATA											
<p>Fax Number: 3123214299</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: usassignments@brinkshofer.com, pchiovani@usebrinks.com</p> <p>Correspondent Name: E. Brandon Nykiel</p> <p>Address Line 1: P.O. Box 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60610</p>											
ATTORNEY DOCKET NUMBER:	11336/2300 (P11181US)										
NAME OF SUBMITTER:	E. Brandon Nykiel										
<p>Total Attachments: 3</p> <p>source=11336_2300_ExecutedAssignment#page1.tif</p> <p>source=11336_2300_ExecutedAssignment#page2.tif</p> <p>source=11336_2300_ExecutedAssignment#page3.tif</p>											

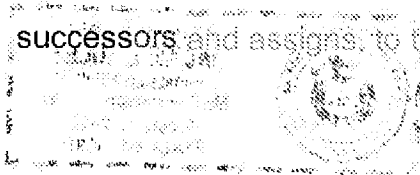
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ASSIGNMENT

WHEREAS, **LEVI PEARSON, DAVID OLSEN** and **CRAIG GUNTHER**, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **NETWORK ADDRESS MANAGEMENT AND FUNCTIONAL OBJECT DISCOVERY SYSTEM**, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, **HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 400 Atlantic Street, Stamford, CT 06901, USA, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

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 issuing therefrom 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, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and 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 both 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 Assignors 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:

1/31/2013

Levi Pearson

Levi Pearson

STATE OF

)

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ss.

COUNTY
OF

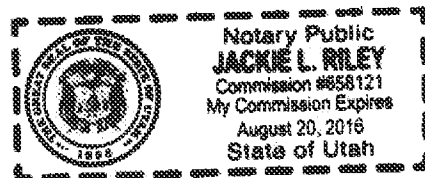
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I, JACKIE L. RILEY, a Notary Public in and for the County and State aforesaid, do hereby certify that Levi Pearson personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)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 31st day of JANUARY, 2013.

JACKIE L. RILEY
Notary Public

My Commission Expires: August 20, 2016



DATED:

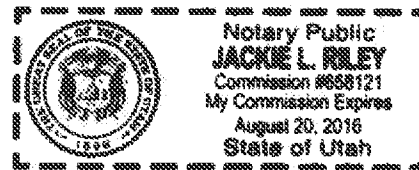
1/31/2013

David Olsen

STATE OF)

) ss.

COUNTY)
OF)



I, JACKIE L. RILEY, a Notary Public in and for the County and State aforesaid, do hereby certify that David Olsen 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 (s)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 31st day of JANUARY, 2013.

Jackie L. Riley
Notary Public

My Commission Expires: Aug 20, 2016

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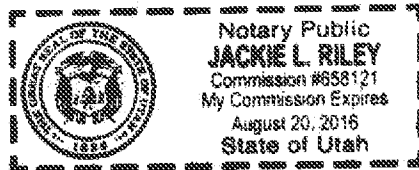
1-31-13

Craig Gunther

STATE OF)

) ss.

COUNTY)
OF)



I, JACKIE L. RILEY, a Notary Public in and for the County and State aforesaid, do hereby certify that Craig Gunther 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 (s)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 31st day of JANUARY, 2013.

Jackie L. Riley
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