

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James D. Pennock	06/28/2007
Ronald Baker	06/28/2007
Brian R. Parker	06/28/2007
Christopher Belcher	06/28/2007

RECEIVING PARTY DATA

Name:	Harman International Industries, Incorporated
Street Address:	8500 Balboa Boulevard
City:	Northridge
State/Country:	CALIFORNIA
Postal Code:	91329

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	60830283
Application Number:	11771764
Application Number:	11771743

CORRESPONDENCE DATA

Fax Number: (312)421-4299
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 312-321-4200
Email: mdolinski@usebrinks.com
Correspondent Name: John Nethery-David Lindner - M. Dolinski
Address Line 1: Brinks Hofer Gilson & Lione
Address Line 2: P.O. Box 10395
Address Line 4: Chicago, ILLINOIS 60610

ATTORNEY DOCKET NUMBER: 11336-1446/1300/1462

PATENT

REEL: 019500 FRAME: 0842

500306649

CH \$120.00 60830283

NAME OF SUBMITTER:

John Nethery, Reg. No. 42,928

Total Attachments: 5

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ASSIGNMENT

WHEREAS, James D. Pennock, Ronald Baker, Brian R. Parker and Christopher Belcher, herein after called the "Assignors", have made the inventions described in the United States patent applications entitled:

External Device Interface Engine, attorney docket number 11336-1446 (P06089USV), described in a Provisional Patent Application filed in the United States Patent Office on July 11, 2006, and assigned Serial No. 60/630,283;

External Memory Interface Engine, attorney docket number 11336-1300 (P06089US), described in a non-Provisional Patent Application executed by Assignors on or about the same date as this Assignment; and

Serial Communication Input Output Interface Engine, attorney docket number 11336-1462 (P06089USU1), described in a non-Provisional Patent Application executed by Assignors on or about the same date as 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 8500 Balboa Boulevard, Northridge, California 91329, hereinafter the "Assignee", is desirous of acquiring 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

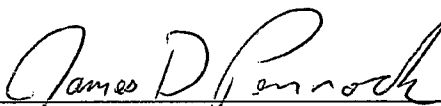

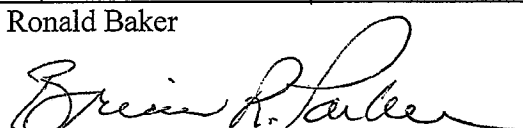
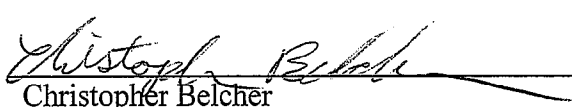
these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and 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; 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 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 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.

11336/1446 P06089USV
11336/1300 P06089US
11336/1462 P06089USU1

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	<u>6/28/07</u>	<u></u> James D. Pennock
DATED:	<u>6/28/07</u>	<u></u> Ronald Baker
DATED:	<u>6-28-07</u>	<u></u> Brian R. Parker
DATED:	<u>6/28/07</u>	<u></u> Christopher Belcher

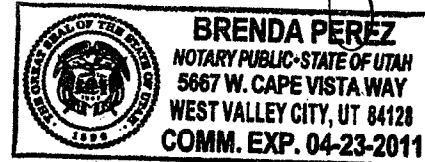
STATE OF Utah)
)
COUNTY OF Salt Lake) ss.

I, Brenda Perez, a Notary Public in and for the County and State aforesaid, do hereby certify James D. Pennock, 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
28 day of June, ~~2006~~ 2007

Brenda Perez
Notary Public

My Commission Expires: 4/23/2011



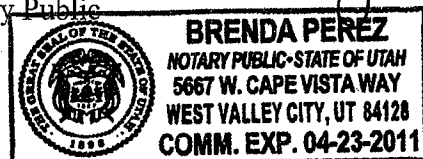
STATE OF Utah)
)
COUNTY OF Salt Lake) ss.

I, Brenda Perez, a Notary Public in and for the County and State aforesaid, do hereby certify that Ronald Baker, 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
28 day of June, ~~2006~~ 2007

Brenda Perez
Notary Public

My Commission Expires: 4/23/2011



STATE OF Utah)
)
) ss.

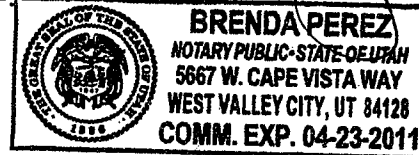
COUNTY OF Salt Lake)

I, Brenda Perez, a Notary Public in and for the County and State aforesaid, do hereby certify that Brian R. Parker, 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 28 day of June, 2006. 2007

Brenda Perez
Notary Public

My Commission Expires: 4/23/2011



STATE OF Utah)
Salt Lake) ss.
COUNTY OF Salt Lake)

I, Brenda Perez, a Notary Public in and for the County and State aforesaid, do hereby certify that Christopher Belcher, 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 28 day of June, 2006. 2007

Brenda Perez
Notary Public

My Commission Expires: 4/23/2011

