

12-29-2000



Form PTO-1595

U.S. Department of Commerce

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Docket No. 17900-27

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Timothy SHUTTLEWORTH <u>12-12-00</u></p> <p>Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name <u>Harman International Industries, Incorporated</u></p> <p>Street Address: <u>8500 Balboa Blvd.</u></p> <p>City: <u>Northridge</u> State <u>CA</u> ZIP <u>91329</u></p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>November 6, 2000</u></p>	
<p>4. Application number(s) or patent numbers: U.S. Serial No. 09/657,833</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address party to whom correspondence concerning document should be mailed:</p> <p>Name <u>Sung Oh, Esq.</u></p> <p>Internal Address: <u>38th Floor</u></p> <p>Street Address <u>2029 Century Park East</u></p> <p>City: <u>Los Angeles</u> State <u>CA</u> ZIP <u>90067</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed (Check No. 021568 for \$40)</p> <p><input checked="" type="checkbox"/> Any discrepancy or overpayment is authorized to be charged to deposit account</p> <p>8. Deposit Account number: <u>16-2230</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sung Oh, Reg. No. 45,583 December 8, 2000

Name of Person Signing _____ Signature _____ Date _____

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks

Box Assignments

Crystal Gateway 4, Room 335

Washington, D.C. 20231

12/28/2000 GTOM11 00000192 09657833

01 FC:581

40.00 DP

LA: 265730 v01 12/08/2000

PATENT

REEL: 011368 FRAME: 0684

ASSIGNMENT

WHEREAS, I, Timothy SHUTTLEWORTH, residing at 5102 Calatrana Drive, Woodland Hills, California 91364, the ASSIGNOR herein, have invented a ***System and Method for Synchronizing the Clock Frequencies of Power Processing Devices and Digital Signal Processing Devices in an Electronic System***, for which I filed application for Letters Patent of the United States on September 8, 2000 and was given Serial No. 09/657,833. I have executed the Declaration and Petition concurrently with executing this assignment. I am the sole owner of this invention and improvements; and

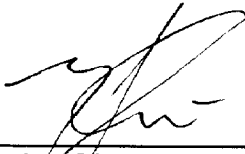
WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Delaware corporation, having a place of business at 8500 Balboa Boulevard, Northridge, California 91329, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said invention, and application and patent to be granted and issued thereon;

NOW, THEREFORE, for one dollar (\$1.00) and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, I, the said ASSIGNOR, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, my entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and grant to said ASSIGNEE, its successors and assigns, the right to apply for and obtain U.S. Letters Patents concerning the invention in its or their own names as sole owner or owners of all right, title and interest in and to said inventions and improvements thereon.

And for the above-named considerations, I do hereby agree that I will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Dated: 11/06/2000



Timothy Shuttleworth
5102 Calatrana Drive
Woodland Hills, California 91364

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

On this _____ day of _____, 2000, before me _____, the undersigned Notary Public, personally appeared TIMOTHY SHUTTLEWORTH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his authorized capacity, and that by his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

(SEAL)

(see attached)

Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Los Angeles

SS.

On November 6, 2000, before me,

Date

Trudy S. Hanzmann, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Timothy Shuttleworth

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Trudy S. Hanzmann

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

Number of Pages:

2

Signer(s) Other Than Named Above:

None

Capacity(ies) Claimed by Signer

Signer's Name:

Timothy Shuttleworth

☐ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☒ Other:

Inventor

Signer Is Representing:

Harman International

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here