502571641 11/15/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2617506

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| HYUNGWOO YOON | 08/14/2013 |
| ROBERT LANGE | 08/13/2013 |

RECEIVING PARTY DATA

| Name: | HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED | |
|-----------------|---|--|
| Street Address: | 8500 BALBOA BOULEVARD | |
| City: | NORTHRIDGE | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 91329 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29461548 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 27-1414 | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | PATRICIA. E. HONG | |
| Signature: | / Patricia E. Hong / | |
| Date: | 11/15/2013 | |

Total Attachments: 2

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PATENT REEL: 031615 FRAME: 0533 OP \$40.00 29461548

Attorney Docket: 27-1414 Ref: D13053US01

ASSIGNMENT

| hereinafter (collectively) referred to as the Assign Loudspeaker for which an application for Letters P the Declaration for said application said application having been filed ir July 24, 2013 and accorded Serial I said application having been filed u | |
|--|---|
| WHEREAS, Harman Internationa | I Industries, Incorporated |
| 8500 Balboa Boulev | ard |
| Northridge, Californi | 3 91329 |
| aforesaid invention and in and to any Letters Pate granted therefor; NOW THEREFORE, for good and valua assign, and transfer unto the Assignee, its su exclusive right to the invention as described in sa any and all Letters Patent which may be granted and in any and all foreign countries and in and to thereof; AND said Assignor authorizes and request proper officer or agency of any country to issue all AND said Assignor warrants and covenant assigned and that I/We have not executed and herewith; AND said Assignor agrees to communicat me/us respecting said invention, to execute all diving lawful documents and make all rightful oaths administrative proceeding and generally do every said Letters Patent in the United States or any fore | is that I/We have full right to convey the entire interest herein will not execute any instrument or assignment in conflict to said Assignee or its representatives any facts known to isional, continuation, reissue and foreign applications, sign all relating to said invention, and to testify in any judicial or thing possible to aid the said Assignee to obtain and enforce eign country when requested so to do by said Assignee. |
| IN WITNESS WHEREOF, 1/W6 | have hereunto set my/our hand and seal. Signature: |
| Date: | Name: Hyūngwoo Yoon Signature: Name: Robert Lange |

Attorney Docket: 27-1414 Ref: D13053US01

ASSIGNMENT

| hereinafter | (collectively) re er for which an the Declarat said applica July 24, 201 said applica | ferred to as the Assign application for Letters Fion for said application tion having been filed in accorded Serial tion having been filed u | or, have in Patent of the executed on the United Number <u>29</u> Inder the Pa | na, and Robert Lange, of Munich, Germany, vented certain new and useful improvements in a United States has been prepared, in even date herewith; States Patent and Trademark Office on 461,548, and was amended on (if applicable); itent Cooperation Treaty on, the United States of America being |
|---|--|---|--|---|
| WHE | REAS, | Harman Internationa | al Industries | . Incorporated |
| | , | 8500 Balboa Boulev | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| *************************************** | | Northridge, Californi | | |
| granted ther NOW assign, and exclusive rig any and all and in any a thereof; AND proper office AND assigned ar herewith; AND me/us respe lawful docur administrativ | refor; I THEREFORI transfer unto pht to the invented the second all foreign of the said Assignor and that I/We had all foreign or the said Assignor and that I/We had the said Assignor or the said Assignor and the said Assignor and the said Assignor or the said Assignor and the said Assignor or the sa | E, for good and valuathe Assignee, its sution as described in sation as described in sation and to authorizes and request any country to issue all warrants and covenant ave not executed and agrees to communicate thion, to execute all divince all rightful paths and generally do everythic of the states or any forest | ble considencessors, lid application in the comment of the comment of the comment of the comment of the country | eration the Assignor by these presents do sell, egal representatives and assigns, the full and on, and the entire right, title and interest in and to the United States and its territorial possessions divisions, reissues, continuations and extensions divisions, reissues, continuations and extensions and extensions of Patents and Trademarks or any other is Patent to said Assignee; have full right to convey the entire interest herein execute any instrument or assignment in conflict assignee or its representatives any facts known to inuation, reissue and foreign applications, sign all said invention, and to testify in any judicial or alle to aid the said Assignee to obtain and enforce when requested so to do by said Assignee. |
| | HA AAIII | ESS WHEREOF, I/VVe | nave nerei | ınto set my/our hand and seal. |
| Date: | | | Signature Name: | Hyungwoo Yoon |
| Date: | 8-13-201 | 3 | Signature Name: | Robert Lange |

Page 1 of 1