### 502701824 02/28/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2748430

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

#### **CONVEYING PARTY DATA**

Name	Execution Date	
VALLABHA VASANT HAMPIHOLI	01/24/2014	
GIRISHA GANAPATHY	01/24/2014	
SUHAS RAO	01/27/2014	
SHARATH CHANDRASHEKAR	01/24/2014	
SUJAY KULKARNI	01/30/2014	

### **RECEIVING PARTY DATA**

Name:	HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
Street Address:	400 ATLANTIC STREET
Internal Address:	15TH FLOOR
City:	STAMFORD
State/Country:	CONNECTICUT
Postal Code:	06901

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14192748

## CORRESPONDENCE DATA

 Fax Number:
 (503)459-4142

 Phone:
 5034594141

 Email:
 laberge@ahmrt.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 SW BROADWAY

Address Line 2: SUITE 600

Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER: P13202US

PATENT 502701824 REEL: 032325 FRAME: 0880

NAME OF SUBMITTER:	JACKIE LABERGE					
Signature:	/Jackie LaBerge/					
Date:	02/28/2014					
Total Attachments: 10	Total Attachments: 10					
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WHEREAS, I, VALLABHA VASANT HAMPIHOLI of Bangalore, INDIA have invented subject matter disclosed and/or claimed in a patent application entitled DATA AGGREGATION AND DELIVERY, the specification of which:

is attached hereto; or	
was filed on February 27, 2014 and has been given application No.	14/192,748
(I hereby authorize the attorneys/agents at Alleman Hall McCoy Russ	ell & Tuttle LLP
Customer Number 116844, to insert the filing date and application number of	of said application
when known)	

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, VALLABHA VASANT HAMPIHOLI, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, as the assignee of my entire right, title, and interest in and to the same, for the sole use of HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns.

Further, I hereby covenant and agree to and with HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns, at the time of execution and delivery of these presents, that I am the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified patent application, and that the same are

Page 1 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;
Harman Docket No. P13202US;

Atty. Docket No. HMN133104

Further, I agree that I will communicate to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, or its representatives, any facts known to me respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, make all rightful oaths, and generally do everything possible to aid HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN	TESTIMONY WHEREOF, II	have hereunto set my hand this <u> </u>
	2014	
		VALLABHA VASANT HAMPIHOLI
Witness:		
Signature:	A supplied	
* ************************************	HEMANTH. S	
Name:		
Address:	HARMAN Inturational.	Amz Ecospace.
City & Sta	te: Bangalore Kar	INATAKA

Page 2 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;
Harman Docket No. P13202US;
Atty. Docket No. HMN133104

WHEREAS, I, GIRISHA GANAPATHY of Bangalore, INDIA have invented subject matter disclosed and/or claimed in a patent application entitled DATA AGGREGATION AND DELIVERY, the specification of which:

was filed on February 27, 2014 and has been given application No.	14/192,748
(I hereby authorize the attorneys/agents at Alleman Hall McCoy Rus	sell & Tuttle LLP,
Customer Number 116844, to insert the filing date and application number	of said application

when known)

Atty. Docket No. HMN133104

is attached hereto; or

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, GIRISHA GANAPATHY, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, as the assignee of my entire right, title, and interest in and to the same, for the sole use of HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns.

Further, I hereby covenant and agree to and with HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns, at the time of execution and delivery of these presents, that I am the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified patent application, and that the same are

Page 1 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED; Harman Docket No. P13202US;

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IN TESTIMON	IY WHEREOF, I have hereunto set my hand thisday	of
	, 20 <u>14,</u>	
	100 Eq.	
	GÍRISHA GANAPATHY	

Witness:

Signature:

Name: DIVYA BETTAMPARY

Address: NO HARMAN INTERNATIONAL, EMZ ÉCOSPACE,

City & State: BANGALORE, KARNATAEA

Page 2 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;
Harman Docket No. P13202US;
Atty. Docket No. HMN133104

WHEREAS, I, SUHAS RAO of Sagara, INDIA have invented subject matter disclosed and/or claimed in a patent application entitled DATA AGGREGATION AND DELIVERY, the specification of which:

is attached hereto; or

✓ was filed on February 27, 2014 and has been given application No. 14/192,748

(I hereby authorize the attorneys/agents at Alleman Hall McCoy Russell & Tuttle LLP,

Customer Number 116844, to insert the filing date and application number of said application when known)

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, SUHAS RAO, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, as the assignee of my entire right, title, and interest in and to the same, for the sole use of HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns.

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Page 1 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;

Harman Docket No. P13202US;

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IN TESTIMONY	WHEREOF, I have hereunto set my hand this day	of
<u>JANUARY</u> , 20	MA-	
y	<u>S. L. Slo De</u>	
	STHASBAO	

Witness:

Signature: A Land L

Name: Alin Kinnal R

Address: Haunam International RMZ Ecospus

City & State: Rangalole, Kalnataka

Page 2 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;
Harman Docket No. P13202US;
Attv. Docket No. HMN133104

	WHERE	AS, I, SHA	RATH C	HANDRA	SHI	EK/	AR of Ba	angalore, Il	NDIA have	invented
subject	matter	disclosed	and/or	claimed	in	a	patent	applicatio	n entitled	DATA
AGGR	EGATIC	ON AND D	ELIVEF	(Y) the spe	ecific	atic	on of whi	ch:		

is attached hereto; or	
was filed on February 27, 2014 and has been given application No.	14/192,748
(I hereby authorize the attorneys/agents at Alleman Hall McCov Russ	sell & Tuttle LLP

(I hereby authorize the attorneys/agents at Alleman Hall McCoy Russell & Tuttle LLP, Customer Number 116844, to insert the filing date and application number of said application when known)

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, SHARATH CHANDRASHEKAR, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, as the assignee of my entire right, title, and interest in and to the same, for the sole use of HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns.

Further, I hereby covenant and agree to and with HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, and its successors and assigns, at the time of execution and delivery of these presents, that I am the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified patent application, and that the same are

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Harman Docket No. P13202US;
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IN TESTIM	ONY WHEREOF, I	have hereunto set my hand this	day of
JAMUARY	, 20/⊴	of Comments	,
		SHARATH CHANDRASHE	KAR

Witness:

Signature: \_\_\_\_\_\_\_ Kunnan',

Name: <u>VARUN KUMAR</u>

Address: HARMAN INTERNATIONAL - RMZ ELOSPACE

City & State: <u>BANGALOFE</u>, KAKNATARA

Page 2 of 2 — ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED;
Harman Docket No. P13202US;
Atty. Docket No. HMN133104

WHEREAS, I, SUJAY KULKARNI of Bagalkot, INDIA have invented subject matter disclosed and/or claimed in a patent application entitled DATA AGGREGATION AND DELIVERY, the specification of which:

was filed on February 27, 2014 and has been given application No.	14/192,748
(I hereby authorize the attorneys/agents at Alleman Hall McCoy Russel	l & Tuttle LLP

when known)

is attached hereto; or

WHEREAS, HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, a Connecticut corporation, having its principal place of business at 400 Atlantic Street, 15th Floor, Stamford, CT 06901, is desirous of acquiring an interest therein;

Customer Number 116844, to insert the filing date and application number of said application

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, SUJAY KULKARNI, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

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IN TESTIMONY WHEREOF, I have hereunto	set my hand this 34/4/2014 day	o
January 2014	•	

SUJAY KULKARNI

Witness:

Signature: Kliken H.

Name: SRIFANTH KONTETI

Address: VINAYAYNAGAR, BANGALORP-W.

City & State: DAMGAREE, BARNATAKA, ANDIA .

Page 2 of 2 - ASSIGNMENT TO HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED; Harman Docket No. P13202US; Atty. Docket No. HMN133104

> PATENT REEL: 032325 FRAME: 0891

**RECORDED: 02/28/2014**