## 507183603 03/17/2022 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
NICOLAS R. TSINGOS			01/19/2015
SUNIL BHARITKAR			03/31/2015
RHONDA WILSON			11/05/2014
C. PHILLIP BROWN			11/05/2014
ALAN J. SEEFELDT			03/26/2015
REMI AUDFRAY			11/11/2014
RECEIVING PARTY DA	ТА		
Name:		LABORATORIES LICENSING CORPO	DRATION
Street Address:	1275 M	ARKET STREET	
City:	SAN FRANCISCO		
ony.	CALIFORNIA		
-	CALIFC	DRNIA	
State/Country:	CALIFC 94103-1	-	
State/Country: Postal Code: PROPERTY NUMBERS	94103-	1410	
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State/Country: Postal Code: PROPERTY NUMBERS Property Type	94103- Total: 1	1410	
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number:	94103- <sup>-</sup> Total: 1	1410 Number	
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State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be	94103- Total: 1 ATA	1410 Number 17685681	
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	94103- Total: 1 ATA	Number           17685681           (415)645-4000 <b>o the e-mail address first; if that is uns</b>	
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone:	94103- Total: 1 ATA e sent to provided	Number 17685681 (415)645-4000 <i>o the e-mail address first; if that is uns</i> <i>l; if that is unsuccessful, it will be ser</i> (415)558-0200 patents@dolby.com	
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	94103- Total: 1 ATA	Number 17685681 (415)645-4000 o the e-mail address first; if that is unsuccessful, it will be ser (415)558-0200 patents@dolby.com DOLBY LABORATORIES, INC.	
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State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	94103- Total: 1 ATA	Number 17685681 (415)645-4000 o the e-mail address first; if that is unsuccessful, it will be ser (415)558-0200 patents@dolby.com DOLBY LABORATORIES, INC.	nt via US Mail.
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	94103- Total: 1 ATA e sent to provided	Number         17685681         (415)645-4000 <i>o the e-mail address first; if that is unsuccessful, it will be ser</i> (415)558-0200         patents@dolby.com         DOLBY LABORATORIES, INC.         1275 MARKET STREET         SAN FRANCISCO, CALIFORNIA 94103         D13136US06	nt via US Mail.
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	94103- Total: 1 ATA e sent to provided	Number 17685681 (415)645-4000 o the e-mail address first; if that is unsuccessful, it will be ser (415)558-0200 patents@dolby.com DOLBY LABORATORIES, INC. 1275 MARKET STREET SAN FRANCISCO, CALIFORNIA 94103	nt via US Mail.
State/Country: Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	94103- Total: 1 ATA e sent to provided	Number         17685681         (415)645-4000 <i>o the e-mail address first; if that is unsuccessful, it will be ser</i> (415)558-0200         patents@dolby.com         DOLBY LABORATORIES, INC.         1275 MARKET STREET         SAN FRANCISCO, CALIFORNIA 94103         D13136US06	nt via US Mail.

**Total Attachments: 6** 

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### COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE

### Title of Invention

### Binaural Rendering for Headphones Using Metadata Processing

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number: 61/898.365

filed on October 31, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, San Francisco, California, 94103, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and the invention to which said application is directed, in and to any and all improvements relating to said invention, and in and to all patents thereon, when granted in the United States and all foreign countries;

NOW, THEREFORE, in consideration of good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR:

 ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the extent ASSIGNOR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer and conveyance unto ASSIGNEE of the entire right, title and interest:

(a) in and to said application, invention, and improvements thereto, and each and every additional application filed anywhere in the world, whether or not the country, jurisdiction, or authority of filing is a member of the International Union for the Protection of Industrial Property (The Paris Convention), which additional application is a division of, substitution of, continuation of, continuationin-part of, or is a counterpart of, or is in any way based on, claims priority from, or relates to, said application, invention or improvements thereto;

(b) all priority rights associated with the filing of each and every such application, for each country of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent Convention, for all other treaties of like purposes, and for Taiwan; and

(c) in and to each and every patent on said invention or improvements thereto that may be granted by any country, jurisdiction or authority, including each and every patent that may be granted on any of the applications referred to in sub-section (a), and in and to each and every reissue, reexamination certificate, or extension of each and every such patent.

2. ASSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted to anyone other than ASSIGNEE any license, right or privilege in respect to the said applications, patents, or said invention, nor in any other way encumbered the same, and that he/she has, or in the case of a previous assignment to ASSIGNEE, ASSIGNOR had the full right to convey. free of all license of the encumbrances, the entire right, title and interest hereby assigned.



Docket: D13136USP1

PATENT REEL: 059297 FRAME: 0275

3. ASSIGNOR covenants and agrees that at the request and expense of ASSIGNEE he/she will promptly execute all papers deemed necessary or desirable by ASSIGNEE to perfect ownership of said invention, applications, and patents to ASSIGNEE, and execute all oaths, declarations and other papers deemed necessary or desirable by ASSIGNEE for prosecuting said applications and patents, for use in interference proceedings involving said invention, applications and patents, for use in opposition proceedings involving said invention, applications and patents, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or reexamination of said patents, or for the filing in foreign countries of applications for patents counterpart to or in any way based on or relates to said application or to an application which is a division of, substitution of, continuation of, continuation-in-part of, said application or which application claims priority from or relates to said invention or improvements thereto. ASSIGNOR further covenants and agrees that at the expense and request of ASSIGNEE, he/she will promptly assist ASSIGNEE in interference, opposition and reexamination proceedings involving said invention, applications and patents, and in litigation involving said invention, applications and patents, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and patents.

4. The terms, covenants and provisions of this ASSIGNMENT shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, his/her heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

LEGAL NAME OF INVENTOR

Inventor: Nicolas R. Tsingos	Date: <u>12/2/ 2001 2</u>
Signature:	ia.1
No	tarial Acknowledgement
STATE of CALIFORNIA	)
COUNTY OF SAN FRANCISCO	) ss: )
<ul> <li>personally appeared <u>Nicolas R. Tsingos</u>, who p whose name is subscribed to the within instrum</li> </ul>	e me, <u>KALED S. WILLESS</u> , Notary Public, proved to me on the basis of satisfactory evidence to be the person sent and acknowledged to me that he/she executed the same in his/see re on the instrument the person, or the entity upon behalf of which
I certify under PENALTY OF PERJURY under true and correct.	r the laws of the State of California that the foregoing paragraph is
WITNESS my hand and official seal.	
KALEO J. WILLESS	Kalowick Bignature of Notary Public

My Commission Expires: \_ SEPTEMBEX 23.

Docket: D13136USP1

Notary Public - California

San Francisco Gounty Comm. Explore 64p 23, 2014

> PATENT REEL: 059297 FRAME: 0276

2014

### COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE

# Binaural Rendering for Headphones Using Metadata Processing

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number: 61/898,365

filed on October 31, 2013.

The above-identified application was made or anthorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, San Francisco, California, 94103, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and the invention to which said application is directed, in and to any and all improvements relating to said invention, and in and to all patents thereon, when granted in the United States and all foreign countries;

NOW, THEREFORE, in consideration of good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR:

1. ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the extent ASSIGNOR has already done so. ASSIGNOR hereby confirms the grant, sale, assignment, transfer and conveyance unto ASSIGNEE of the entire right, title and interest:

(a) in and to said application, invention, and improvements thereto, and each and every additional application filed anywhere in the world, whether or not the country, jurisdiction, or authority of filing is a member of the International Union for the Protection of Industrial Property (The Paris Convention), which additional application is a division of, substitution of, continuation in-part of, or is a counterpart of, or is in any way based on, claims priority from, or relates to, said application, invention or improvements thereto;

(b) all priority rights associated with the filing of each and every such application, for each country of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent Convention, for all other treaties of like purposes, and for Taiwan; and

(c) in and to each and every patent on said invention or improvements thereto that may be granted by any country, jurisdiction or authority, including each and every patent that may be granted on any of the applications referred to in sub-section (a), and in and to each and every reissue, reexamination certificate, or extension of each and every such patent.

2. ASSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted to anyone other than ASSIGNEE any license, right or privilege in respect to the said applications, patents, or said invention, nor in any other way encumbered the same, and that he/she has, or in the case of a previous assignment to ASSIGNEE, ASSIGNOR had the full right to convey, free of all licenses and encumbrances, the entire right, title and interest hereby assigned.

Docket: D13136USP1

## PATENT REEL: 059297 FRAME: 0277

3. ASSIGNOR covenants and agrees that at the request and expense of ASSIGNEE he/she will promptly execute all papers deemed necessary or desirable by ASSIGNEE to perfect ownership of said invention, applications, and patents to ASSIGNEE, and execute all oaths, declarations and other papers deemed necessary or desirable by ASSIGNEE for prosecuting said applications and patents, for use in interference proceedings involving said invention, applications and patents, for use in opposition proceedings involving said invention, applications and patents, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or reexamination of said patents, or for the filing in foreign countries of applications for patents counterpart to or in any way based on or relates to said application or to an application which is a division of, substitution of, continuation of, continuation-in-part of, said application or which application claims priority from or relates to said invention or improvements thereto. ASSIGNOR further covenants and agrees that at the expense and request of ASSIGNEE, he/she will promptly assist ASSIGNEE in interference, opposition and reexamination proceedings involving said invention, applications and patents, and in litigation involving said invention, applications and patents, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and patents.

4. The terms, covenants and provisions of this ASSIGNMENT shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, his/her heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

LEGAL NAME OF INVENTOR

Inventor:	Rhonda Wilson	Date:	<u>orc 10,2013</u>	<u></u>
Signature	Rhonola J. Wi	Selan		
		Notarial Acknowledge	ement	
COUNTY On <u>Pro</u> personally name is su authorized	CALIFORNIA OF San Francisco appeared Rhonda Wilson, whi described to the within instrum I capacity, and that by his/her a acted, executed the instrument	to proved to me on the ball ent and acknowledged to t signature on the instrument	he that he/she executed the	same in his/her
I certify u true and c	nder PENALTY OF PERJUR'	r under the laws of the Sta	ite of California that the for	egoing paragraph is
WITNES	S my hand and official seal.	My Commission Exp	Signature of Notary Signature of Notary	Public 2014

PATENT REEL: 059297 FRAME: 0278

Docket: D13136USP1

### COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE

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(a) in and to said application, invention, and improvements thereto, and each and every additional application filed anywhere in the world, whether or not the country, jurisdiction, or authority of filing is a member of the International Union for the Protection of Industrial Property (The Paris Convention), which additional application is a division of, substitution of, continuation of, continuationin-part of, or is a counterpart of, or is in any way based on, claims priority from, or relates to, said application, invention or improvements thereto;

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(c) in and to each and every patent on said invention or improvements thereto that may be granted by any country, jurisdiction or authority, including each and every patent that may be granted on any of the applications referred to in sub-section (a), and in and to each and every reissue, reexamination certificate, or extension of each and every such patent.

2. ASSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted to anyone other than ASSIGNEE any license, right or privilege in respect to the said applications, patents, or said invention, nor in any other way encumbered the same, and that he/she has, or in the case of a previous assignment to ASSIGNEE, ASSIGNOR had the full right to convey, free of all licenses and encumbrances, the entire right, title and interest hereby assigned.

Docket: D13136USP1

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IN TESTIMONY WHEREOF. I have executed this instrument.

LEGAL NAME OF INVENTOR

OTATE SECALIENSIA

Inventor:	Sunil Bharitkar	Date:	Dac. 2,2013	
Signature				

#### Notarial Acknowledgement

STATE of CA	LIFORNIA	)
COUNTY OF	San Francisco	) ss:

On December 2,2013 , before me, Camilla Parunicy , Notary Public. personally appeared Sunil Bharitkar, who 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/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ESS CAMILLA BRUNJES	Com 1-j
COMM. #1882549 m	Signature of Notary Public
States Matery Public Collingia ()	My Commission Expires: March 13, 2014

Docket: D13136USP1

**RECORDED: 03/17/2022**