

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4834205

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WALTER CHRISTIAN GISH	05/03/2007
CHRISTOPHER J. VOGT	04/17/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOLBY LABORATORIES LICENSING CORPORATION
<b>Street Address:</b>	1275 MARKET STREET
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15889378
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)645-4000
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4155580200
<b>Email:</b>	patents@dolby.com
<b>Correspondent Name:</b>	DOLBY LABORATORIES, INC.
<b>Address Line 1:</b>	1275 MARKET STREET
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94103
<b>ATTORNEY DOCKET NUMBER:</b>	DOL140US08
<b>NAME OF SUBMITTER:</b>	DANA CHAN
<b>SIGNATURE:</b>	/Dana Chan/
<b>DATE SIGNED:</b>	02/21/2018
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

WHEREAS, Walter Christian Gish, a resident of Oak Park, California, herein referred to as ASSIGNOR, is one of the inventors and owners of the United States Patent Application Serial No. 11/128,125 filed May 11, 2005, entitled QUANTIZATION CONTROL FOR VARIABLE BIT DEPTH by Walter Christian Gish and Christopher J. Vogt.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Street, San Francisco, California, 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 the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR:

1. ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, 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 of filing is a member of the International Union for the Protection of Industrial Property (The Paris Convention), which additional application is a division, substitution, continuation or continuation-in-part of or is a counterpart of or is based on 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 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, 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 has not heretofore granted 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 has the full right to convey, free of all licenses and encumbrances, the entire right, title and interest hereby assigned.

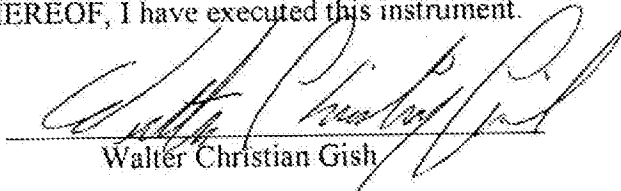
3. ASSIGNOR covenants and agrees that at the request and expense of ASSIGNEE he will promptly execute all papers deemed necessary or desirable by ASSIGNEE to perfect ownership of said invention, applications, and patents to ASSIGNEE, and execute all oaths, declarations and other papers deemed necessary 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 based on or related to said application or to an application which is a division, substitution, continuation or continuation-in-part of said application or which application relates to said invention or improvements thereto. ASSIGNOR further covenants and agrees that at the expense and request of ASSIGNEE, he 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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated: May 3, 2007

  
Walter Christian Gish

**Notarial Acknowledgement**

STATE OF CALIFORNIA  
COUNTY OF SAN FRANCISCO

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007 before me, the undersigned Notary Public, personally appeared the above-named Assignor, personally known to me/or/ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this Assignment, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on this Assignment the Assignor, or the entity upon behalf of which the Assignor acted, executed this Assignment.

Witness my hand and official seal:

[Seal]

~~SEE Enclosed Notary document~~  
Notary Public  
My Commission Expires: FEB 04, 2011

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Los Angeles

On 5/3/2007 before me, Reina E. Reyes, a Notary Public,  
personally appeared Walter Christian Gish

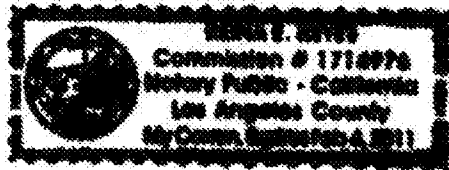
personally known to me

proven 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 seal.

Reina E. Reyes



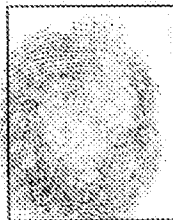
**OPTIONAL**

**DESCRIPTION OF ATTACHED DOCUMENT**

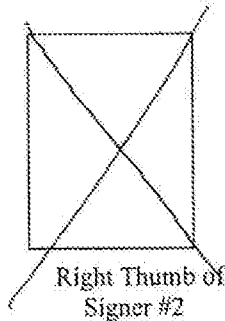
Title or Type of document Assignment

Document Date: May 03 2007 Number of pages 2

Signer(s) other than named above: NONE



Right Thumb of  
Signer #1



Right Thumb of  
Signer #2

## ASSIGNMENT

WHEREAS, Christopher J. Vogt, a resident of Omaha, Nebraska, herein referred to as ASSIGNOR, is one of the inventors and owners of the United States Patent Application Serial No. 11/128,125 filed May 11, 2005, entitled QUANTIZATION CONTROL FOR VARIABLE BIT DEPTH by Walter Christian Gish and Christopher J. Vogt.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Street, San Francisco, California, 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 the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR:

1. ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, 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 of filing is a member of the International Union for the Protection of Industrial Property (The Paris Convention), which additional application is a division, substitution, continuation or continuation-in-part of or is a counterpart of or is based on 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 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, 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 has not heretofore granted 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 has the full right to convey, free of all licenses and encumbrances, the entire right, title and interest hereby assigned.

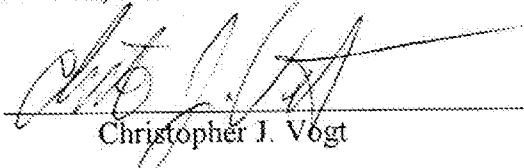
3. ASSIGNOR covenants and agrees that at the request and expense of ASSIGNEE he will promptly execute all papers deemed necessary or desirable by ASSIGNEE to perfect ownership of said invention, applications, and patents to ASSIGNEE, and execute all oaths, declarations and other papers deemed necessary 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 based on or related to said application or to an application which is a division, substitution, continuation or continuation-in-part of said application or which application relates to said invention or improvements thereto. ASSIGNOR further covenants and agrees that at the expense and request of ASSIGNEE, he 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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated: April 17, 2007

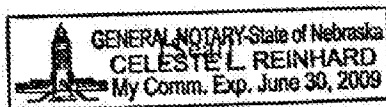
  
\_\_\_\_\_  
Christopher J. Vogt


**Notarial Acknowledgement**

STATE OF CALIFORNIA ~~Nebraska~~  
COUNTY OF SAN FRANCISCO ~~Douglas~~ CR.

On this 17 day of April, 2007 before me, the undersigned Notary Public, personally appeared the above-named Assignor, personally known to me/or/ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this Assignment, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on this Assignment the Assignor, or the entity upon behalf of which the Assignor acted, executed this Assignment.

Witness my hand and official seal.



  
\_\_\_\_\_  
Notary Public  
My Commission Expires June 30, 2009