PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2609827

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR NAMES - ONLY 4 ASSIGNORS SHOULD BE LISTED, NOT 7: SU, GUAN-MING, QU, SHENG; LI, ZHEN; GISH, WALTER - previously recorded on Reel 031571 Frame 0184. Assignor(s) hereby confirms the ONLY FOUR ASSIGNORS SHOULD BE LISTED IN THE ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
GUAN-MING SU	08/03/2011
SHENG QU	07/14/2011
ZHEN LI	07/14/2011
WALTER GISH	07/20/2011

RECEIVING PARTY DATA

Name:	DOLBY LABORATORIES LICENSING CORPORATION
Street Address:	100 Potrero Avenue
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94103-4813

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14116326

CORRESPONDENCE DATA

 Fax Number:
 (415)645-4000

 Phone:
 (415)645-5773

 Email:
 bguil@dolby.com

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

Correspondent Name: BIANCA MIYAKAWA

Address Line 1: 475 BRANNAN STREET, SUITE 300

Address Line 4: SAN FRANCISCO, CALIFORNIA 94107-5420

ATTORNEY DOCKET NUMBER: D11050US01/BM-CORR_ASGMT

PATENT

REEL: 031612 FRAME: 0425

NAME OF SUBMITTER:	BIANCA MIYAKAWA
Signature:	/Bianca Miyakawa/
Date:	11/11/2013
Total Attachments: 11	

Total Attachments: 11

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2609076

SUBMISSION TYPE: **NEW ASSIGNMENT** ASSIGNMENT NATURE OF CONVEYANCE:

CONVEYING PARTY DATA

Name	Execution Date
GUAN-MING SU	08/03/2011
SHENG QU	07/14/2011
HÜBERT KOEPFER	07/14/2011
KOEEVK DAN Jaming Jaming	07/14/2011
SANIGHÜEYALKAR	07/14/2011
ZHEN LI	07/14/2011
WALTER GISH	07/20/2011

RECEIVING PARTY DATA

Name:	DOLBY LABORATORIES LICENSING CORPORATION	
Street Address:	100 Potrero Avenue	
City:	San Francisco	
State/Country:	CALIFORNIA	
Postal Code:	94103-4813	

PROPERTY NUMBERS Total: 1

	Property Type			
Арр	lication Number:	14116326	The see year to	

CORRESPONDENCE DATA

Fax Number: (415)645-4000 (415)645-5773 Phone: bguil@dolby.com Email:

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

BIANCA MIYAKAWA Correspondent Name:

475 BRANNAN STREET, SUITE 300 Address Line 1:

Address Line 4: SAN FRANCISCO, CALIFORNIA 94107-5420

D11050US01/BM ATTORNEY DOCKET NUMBER:

WHEREAS, Guan-Ming Su, a resident of Fremont, California, USA, herein referred to as ASSIGNOR, is an inventor and owner of the United States Patent Application No.61/486,703, filed May 16, 2011, entitled Efficient Architecture for Layered VDR Coding.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, 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 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 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.
- 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

Docket: D11050USP1

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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated:	8/8	, 2011	C)//\ CGU/	N-MING S	SU			
			Notarial	Acknowled	lgement			
STATE o	f CALIFOR	NIA)				
COUNTY	OFSAN	THCL	<u>Ann</u>) s)	35			
appeared ; name is st	Guan-Ming abscribed to	Su, who prothe the within in	before me oved to me or strument and is signature o	i the basis of l acknowled	t satisfactor ged to me t	ry evidend hat he exe	cuted the	
_	nder PENAI		RJURY under	r the laws of	`the State o	of Californ	ia that the	foregoing
WITNES:	S my hand a	nd official so	al					
		[Seal]		My Comm	USU aission Exp		Public	
	Commissio Notary Publ	ORENO WEHS n # 1792504 c - Californi ara Caunty	i					

Docket: D11050USP1

My Comm. Expires Mor 1, 2012

WHEREAS, Sheng Ou, a resident of San Jose, California, USA, herein referred to as ASSIGNOR, is an inventor and owner of the United States Patent Application No.61/486,703, filed May 16, 2011, entitled Efficient Architecture for Layered VDR Coding.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, 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 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, 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.
- 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

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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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated: 7/14 , 2011		
· · · · · · · · · · · · · · · · · · ·	SHENG QU	
	Notarial Acknowledgement	
STATE OF CALIFORNIA COUNTY OF SOUTH CLASS)) ss:)	
appeared Sheng Ou, who proved to is subscribed to the within instrument	nefore me <u>Canny Yh. Vivid</u> , N I me on the basis of satisfactory evidence to l Int and acknowledged to me that he executed Is signature on the instrument the person exec	be the person whose name the same in his
I certify under PENALTY OF PERJ paragraph is true and correct.	JURY under the laws of the State of Californ	nia that the foregoing
WITNESS my hand and official sea CATRY N. WONG COMM. #188857 Notary Public - Califor Santa Clara County My Comm. Expires Jun. 4.	78	/ Public 1841 2814

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WHEREAS, Zhen Li, a resident of <u>Cupertino</u>, <u>California</u>, <u>USA</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Patent Application No.<u>61/486,703</u>, filed <u>May</u> 16, 2011, entitled Efficient Architecture for Layered VDR Coding.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, 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 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, 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.
- 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

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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: 07/14,2011	200
LYCOLOG	ZHEN LI
Note	urial Acknowledgement
STATE of CALIFORNIA));ss:
COUNTY OF SANGE CLANG	•
appeared Zhen Li, who proved to me on the subscribed to the within instrument and ack capacity, and that by his signature on the in a certify under PENALTY OF PERJURY is	ne ANA ANA Notary Public, personally to basis of satisfactory evidence to be the person whose name is knowledged to me that he executed the same in his authorized instrument the person executed the instrument. Inder the laws of the State of California that the foregoing
paragraph is true and correct. WITNESS my hand and official seal	
CATHY M. WONG COMM. #1889578 Z Notary Public - California & Santa Clara County My Comm. Expires Jun. 4, 2014	Con
[Seal]	Notary Public My Commission (1) pires: 0 0 0 1 2014

Docket: D11050USP1

WHEREAS, <u>Walter Gish</u>, a resident of <u>Oak Park, California, USA</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Patent Application No.<u>61/486,703</u>, filed <u>May 16, 2011</u>, entitled <u>Efficient Architecture for Layered VDR Coding</u>.

WHEREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York corporation, having a place of business at 100 Potrero Avenue, 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 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 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.
- 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

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 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 TESTIMON	IY WHEREOF, I have executed this instrument.
Dated: <u>July 20,</u> 2011	WALTER GISH
	Notarial Acknowledgement

STATE of CALIFORNIA)
COUNTY OF Ventura) ss)

On July 25 , 2011, before me Varcet Kabila . Notary Public, personally appeared Walter Gish, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person 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

[Seal]

My Commission Expires: July 10

VANEET KAPILA Commission # 1857020 Notary Public - California Ventura County My Comra. Expires Jul 10, 2013

Docket: D11050USP1

PATENT REEL: 031612 FRAME: 0435

RECORDED: 11/11/2013