502809908 05/15/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2856502

		NEW ASSIGNMENT	
	NATURE OF CONVEYANCE: ASSIGNMENT		
CONVEYING PARTY DA	ATA		
		Name	Execution Date
GUAN-MING SU			08/02/2013
QIAN CHEN			08/07/2013
HUBERT KOEPFER			08/02/2013
SHENG QU			03/12/2014
RECEIVING PARTY DA	ГА		
Name:	DOLBY	LABORATORIES LICENSING COR	PORATION
Street Address:	100 Po	trero Avenue	
City:	San Fra	ancisco	
State/Country:	CALIFO	DRNIA	
Postal Code:	94103-	4813	
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
PCT Number:		US2014031716	
CORRESPONDENCE D	ΑΤΑ		
Fax Number:		(415)645-4000	
Correspondence will be US Mail.	sent to	o the e-mail address first; if that is u	Insuccessful, it will be sent via
Phone:		(415)645-5773	
Email: bguil@dolby.com		bguil@dolby.com	
		BIANCA MIYAKAWA	
Correspondent Name:			
Correspondent Name: Address Line 1:		475 BRANNAN STREET, SUITE 300	
Correspondent Name:			
Correspondent Name: Address Line 1:		475 BRANNAN STREET, SUITE 300	
Correspondent Name: Address Line 1: Address Line 4:		475 BRANNAN STREET, SUITE 300 SAN FRANCISCO, CALIFORNIA 941	
Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU		475 BRANNAN STREET, SUITE 300 SAN FRANCISCO, CALIFORNIA 941 D12200WO01	
Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:		475 BRANNAN STREET, SUITE 300 SAN FRANCISCO, CALIFORNIA 941 D12200WO01 BIANCA MIYAKAWA	

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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

Invention Encoding Perceptually-Quantized Video Content In Multi-Laver VDR Coding

As the below named inventor, I hereby declare that:

This declaration is directed to:

Title of

- The attached application, or
- United States application or PCT international application number: 61/805.388
 - filed on March 26, 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:

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.

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.

 M^{μ}

LEGAL NAME OF INVENTOR

Inventor: Guan-Ming Su

Date: 3/29/20/3

Signature:

Notarial Acknowledgement

STATE OF CALIFORNIA , COUNTY OF SANTA (CARA) 38: STATE of CALIFORNIA On 329/200, before me, 2931070922, 29120, Notary Public, personally appeared <u>Guan-Ming Su</u>, 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 histher signature on the instrument the person, or the entity upon behalt 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.

1 1000	RAJWINDER KAUR
0.8	🐪 COMM. # 1866239 🛣
012230	NOTARY PUBLIC - CALIFORNIA
51223	COMM. EXPIRES SEPT. 26, 2013
3 - Sand Ballion	Contraction Contraction Contraction
	[Seal]

Kanuinder 2001 Signature of Notary Public

My Commission Expires: SQ1-24 2013

Docket: D12200USP1

named inventor, I hereby declare that: ion is directed to: attached application, or ted States application or PCT international application number: <u>61/805.388</u>
attached application, or
ted States application or PCT international application number: 61/805.388
on March 26, 2013. ntified application was made or authorized to be made by me.
am the original inventor or an original joint inventor of a claimed invention in the application.
wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than (5) years, or both.
REAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York having a place of business at 100 Potrero Avenue, San Francisco, California, 94103, ferred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to on and the invention to which said application is directed, in and to any and all s relating to said invention, and in and to all patents thereon, when granted in the United foreign countries; /, THEREFORE, in consideration of good and valuable consideration received by from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by SSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the iNOR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer ice unto ASSIGNEE of the entire right, title and interest: (a) in and to said application, invention, and improvements thereto, and each and every plication filed anywhere in the world, whether or not the country, jurisdiction, or authority of mber of the International Union for the Protection of Industrial Property (The Paris which additional application is a division of, substitution of, continuation of, continuation-
 is a counterpart of, or is in any way based on, claims priority from, or relates to, said nvention or improvements thereto; (b) all priority rights associated with the filing of each and every such application, for of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent 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 any country, jurisdiction or authority, including each and every patent that may be granted applications referred to in sub-section (a), and in and to each and every reissue, a certificate, or extension of each and every such patent. SSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted er than ASSIGNEE any license, right or privilege in respect to the said applications, 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:	Qian Chen	Date: 4/1/2013	
Signature:			

Notarial Acknowledgement

STATE of CALIFORNIA)		
COUNTY OF Santa Clara) ss:)		
On <u>D4012013</u> , before me	PAUNEET.	SINGN	Notary Public,
personally appeared Qian Chen , who proved to m	e on the basis of satisfa	actory evidence to be	e the person whose
name is subscribed to the within instrument and ac	knowledged to me that	t he/she executed the	same in his/her
authorized capacity, and that by his/her signature c	on the instrument the pe	erson, or the entity u	pon 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.

PAVNEET SINGH COMM. # 1858741	Ravnet Sinth
SANTA CLARA COUNTY () COMM. EXPISES ANG. 20, 2013	Signature of Notary Public
a series to be president with a first property of	My Commission Expires: 12 20 2013
[Seal]	

Docket: D12200USP1

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION U	SING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIG	NEE

Title of Invention

Encoding Perceptually-Quantized Video Content In Multi-Layer VDR Coding

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: 61/805,388

filed on March 26, 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:

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 improvement's 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, 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 licenses and encumbrances, the entire right, title and interest hereby assigned.

Docket: D12200USP1

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:	Hubert Koepfer	Date:	04/01/2013
Signature	HUE-		<u>s</u>

Notarial Acknowledgement

STATE of CALIFORNIA COUNTY OF SANTA CLARA On <u>StAPRIL</u>, 2013, before me, <u>RAJWINDEL</u>, KAUL, Notary Put personally appeared <u>Hubert Koepfer</u>, who proved to me on the basis of satisfactory evidence to be the person KAUK, Notary Public, 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.



Republic Caur Signature of Notary Public

My Commission Expires: Sep 24,20 B

Docket: D12200USP1

	IED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN LICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE
Title of Invention	Encoding Perceptually-Quantized Video Content in Multi-Layer VDR Coding
As the below	w named inventor, I hereby declare that:
This declara	ation is directed to:
🗌 Th	e attached application, or
🛛 Ur	ited States application or PCT international application number: 61/861.555
file	d on <u>August 2, 2013</u> .
The above-id	lentified 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.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 prisonment of not more than (5) years, or both.
corporation, hereinafter i said applica improvement States and a NO ASSIGNOF ASSIGNOF 1 extent ASSI and conveyt additional a filing is a m Convention in-part of, o application, each countr Convention be granted I on any of th reexaminati 2 to anyone o or said inve previous ast	EREAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York , having a place of business at 100 Potrero Avenue, San Francisco, California, 94103, referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to tion and the invention to which said application is directed, in and to any and all nts relating to said invention, and in and to all patents thereon, when granted in the United II foreign countries; W, THEREFORE, in consideration of good and valuable consideration received by R from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by <i>C</i> . ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the IGNOR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer ance unto ASSIGNEE of the entire right, title and interest: (a) in and to said application, invention, and improvements thereto, and each and every pplication filed anywhere in the world, whether or not the country, jurisdiction, or authority of tember of the International Union for the Protection of Industrial Property (The Paris), which additional application is a division of, substitution of, continuation of, continuation- r is a counterpart of, or is in any way based on, claims priority from, or relates to, said invention or improvements thereto; (b) all priority rights associated with the filing of each and every such application, for y of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent , 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 by any country, jurisdiction or authority, including each and every patent that may be granted the applications referred to in sub-section (a), and in and to each and every reissue, on certificate, or extension of each and every such patent. ASSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted ther than ASSIGNEE any license, right or privi

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:	Guan-Ming Su	Date: 8/2/2013
Signature:	Opty Se	

Notarial Acknowledgement

STATE of CALIFORNIA COUNTY OF Sounda Clara) 881.

On 2 Acy 2.013, before me, $SEAU1^2$, Notary Public, personally appeared Guan-Ming Su, 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,



Docket: D12200USP2

Skaw	
Signature of Notary Publ	ic

My Commission Expires:

	D DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN CATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE
Title of Invention	Encoding Perceptually-Quantized Video Content in Multi-Layer VDR Coding
As the below n	named inventor, I hereby declare that:
This declaratio	on is directed to:
The a	utached application, or
🛛 🛛 Unite	ed States application or PCT international application number: 61/861,555
filed o	m August 2, 2013.
The above-ident	tified application was made or authorized to be made by me.
I believe that I a	im the original inventor or an original joint inventor of a claimed invention in the application.
	vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 sonment of not more than (5) years, or both.
corporation, ha hereinafter refe said applicatio improvements States and all f NOW, ASSIGNOR fr ASSIGNOR: 1. AS extent ASSIGN and conveyance additional appl filing is a mem Convention), v in-part of, or is application, im- each country o Convention, fo be granted by a on any of the a reexamination 2. AS to anyone othe or said invention	EAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York aving a place of business at 100 Potrero Avenue, San Francisco, California, 94103, erred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to n and the invention to which said application is directed, in and to any and all relating to said invention, and in and to all patents thereon, when granted in the United foreign countries; , THEREFORE, in consideration of good and valuable consideration received by room ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by SIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the NOR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer eve unto ASSIGNEE of the entire right, title and interest: (a) in and to said application, invention, and improvements thereto, and each and every lication filed anywhere in the world, whether or not the country, jurisdiction, or authority of ther of the International Union for the Protection of Industrial Property (The Paris which additional application is a division of, substitution of, continuation- s a counterpart of, or is in any way based on, claims priority from, or relates to, said vention or improvements thereto; (b) all priority rights associated with the filing of each and every such application, for of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent or 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 any country, jurisdiction or authority, including each and every patent that may be granted upplications referred to in sub-section (a), and in and to each and every reissue, certificate, or extension of each and every such patent. SIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted r than ASSIGNEE any license, right or privilege in respect to the said applications, patents, on, nor in any other way encu

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:	<u>Qian Chen</u>	Date: 8/7/2013
Signature:	E	<u>LL</u>

Notarial Acknowledgement

STATE of CALIFORNIA)	
COUNTY OF South a Cluxa)	83
On 7 Acy 2013, before me,	KAUR, Notary Public,
personally appeared Ofan Chen , who proved to me on t	he basis of satisfactory evidence to be the person whose
name is subscribed to the within instrument and acknow	ledged 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

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.

the person acted, executed the instrument.

Instruction that the standard in the		$\sim v$	' num	
S KAHR		9, Emerita	-MWC	
COMM. # 2018055		Signature of Not	ary Public	
CINOTARY PUBLIC - CALIFORNIA W			19 M	
SANTA CLARA COUNTY O	My Commission Expires:	the matches	$\sim 10^{\circ}$	2012
COMM. EXPIRES APRIL 6, 2017 -	my Commission Laphes.			
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COMBINED DECLARATION (37 CFR 1.	.63) FOR UTILITY	OR DESIGN APPLICAT	FION USING AN
APPLICATION DATA SHEET (37 C	FR 1.76) AND ASS	IGMENT FOR SINGLE	ASSIGNEE

Title of Invention

Encoding Perceptually-Quantized Video Content in Multi-Layer VDR Coding

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: 61/861.555

filed on August 2, 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.

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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, 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.

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IN TESTIMONY WHEREOF, I have executed this instrument.

LEGAL NAME OF INVENTOR

Inventor: H	<u>Iubert Koepfer</u>	Date:	08/02/13	
Signature:	H.Cola			

Notarial Acknowledgement

STATE of CALIFORNIA)
) ss:
COUNTY OF Saute Clore)
xª America	
On 2 HUGUS 2013 before me	$A \cup f$, Notary Public,
personally appeared Hubert Koepfer, 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 hisher
authorized capacity, and that by his/her signature o	in 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

WITNESS my hand and official seal.



true and correct.

Je.V.	aus			
1 X	Signatur	e of No	otary Public	
My Commission Expires:	Nov	6	2015	

Docket: D12200USP2

	ED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN LICATION DATA SHEET (37 CFR 1.76) AND ASSIGMENT FOR SINGLE ASSIGNEE
Title of Invention	Encoding Perceptually-Quantized Video Content in Multi-Layer VDR Coding
As the below	v named inventor, I hereby declare that:
This declara	tion is directed to:
🛛 The	e attached application, or
🗌 Un	ited States application or PCT international application number:
	l on
The above-ide	entified 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.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 or prisonment of not more than (5) years, or both.
corporation, hereinafter r said applicat improvement States and al NO ³ ASSIGNOR ASSIGNOR 1. A extent ASSI and conveya additional ap filing is a mo	REAS, DOLBY LABORATORIES LICENSING CORPORATION, a New York having a place of business at 100 Potrero Avenue, San Francisco, California, 94103, eferred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to tion and the invention to which said application is directed, in and to any and all its relating to said invention, and in and to all patents thereon, when granted in the United Il foreign countries; W, THEREFORE, in consideration of good and valuable consideration received by from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by : ASSIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the GNOR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer ince unto ASSIGNEE of the entire right, title and interest: (a) in and to said application, invention, and improvements thereto, and each and every oplication filed anywhere in the world, whether or not the country, jurisdiction, or authority of ember of the International Union for the Protection of Industrial Property (The Paris), which additional application is a division of, substitution of, continuation of, continuation- ris a counterpart of, or is in any way based on, claims priority from, or relates to, said
application, each country Convention, be granted b on any of the reexaminatic 2. A to anyone ot or said inver	 invention or improvements thereto; (b) all priority rights associated with the filing of each and every such application, for of The Paris Convention, for the Patent Cooperation Treaty, for the European Patent 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 y any country, jurisdiction or authority, including each and every patent that may be granted e applications referred to in sub-section (a), and in and to each and every reissue, on certificate, or extension of each and every such patent. ASSIGNOR hereby warrants, covenants and represents that he/she has not heretofore granted her than ASSIGNEE any license, right or privilege in respect to the said applications, patents, thion, nor in any other way encumbered the same, and that he/she has, or in the case of a same same same same same same same sa
•	ignment to ASSIGNEE, ASSIGNOR had the full right to convey, free of all licenses and es, the entire right, title and interest hereby assigned.

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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/her heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

LEGAL NAME OF INVENTOR

Inventor: Sheng Qu

Signature

Notarial Acknowledgement

Date:

STATE of CALIFORNIA

COUNTY OF SANTA CLARA

On MAY (M12, 2019, before me, KONSTANTINOS KONSTANTINES, Notary Public, personally appeared <u>Sheng Qu</u>, 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.



Signature of Notary Public

3/12/14

My Commission Expires: A/2 16, 2017

Docket: D12200WO01

PATENT REEL: 032901 FRAME: 0421

RECORDED: 05/15/2014