504541908 09/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4588615

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MARTIN J. RICHARDS	04/29/2015	
DUANE SCOTT DEWALD	04/13/2015	
DOUGLAS J. GORNY	05/11/2015	
NATHAN WAINWRIGHT	04/13/2015	

RECEIVING PARTY DATA

Name:	DOLBY LABORATORIES LICENSING CORPORATION
Street Address: 1275 MARKET STREET	
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15540980

CORRESPONDENCE DATA

Fax Number: (415)645-4000

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.

Phone: 4155580200

Email: patents@dolby.com

Correspondent Name: DOLBY LABORATORIES, INC.

Address Line 1: 1275 MARKET STREET

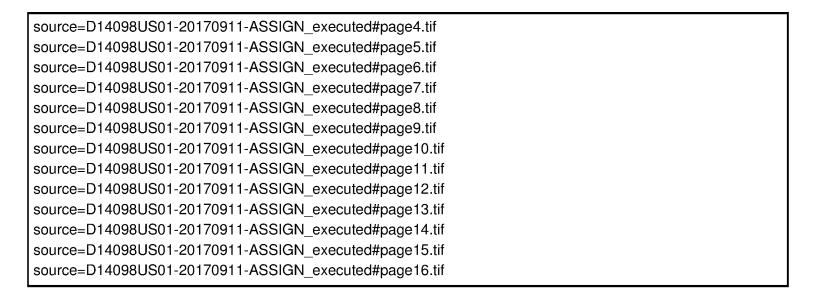
Address Line 4: SAN FRANCISCO, CALIFORNIA 94103

ATTORNEY DOCKET NUMBER:	D14098US01
NAME OF SUBMITTER:	DANA CHAN
SIGNATURE:	/Dana Chan/
DATE SIGNED:	09/11/2017

Total Attachments: 16

source=D14098US01-20170911-ASSIGN_executed#page1.tif source=D14098US01-20170911-ASSIGN_executed#page2.tif source=D14098US01-20170911-ASSIGN_executed#page3.tif

PATENT 504541908 REEL: 043548 FRAME: 0706



PATENT REEL: 043548 FRAME: 0707

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE			
Title of Invention	Methods and Systems for High Dynamic Range Image Projectors		
As the be	ow named inventor, I hereby declare that:		
This decla	uration is directed to:		
	The attached application, or		
	Inited States application or PCT international application number: 62/142,353		
fi	led on <u>April 2, 2015</u> .		
The above	identified application was made or authorized to be made by me.		
I believe th	at I am the original inventor or an original joint inventor of a claimed invention in the application.		
	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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, 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.

- 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.

LEGAL NAME OF INVENTOR

Inventor: Martin J. Richards

Date: 4/29/2015

Signature: Marty Kentree 1

Notarial	Acknowledgemen

STATE of CALIFORNIA

COUNTY OF SAN Francisco) SNC

On April & 9, 3015, before me, Cumid J. Strrn, Notary Public, personally appeared Martin J. Richards, 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.

CYNTHIA J. SEVERN
Commission & 2012801
Motery Public - Celfornia
Sente Clare County
My Comm. Expires Mer 17, 2017

ynthis J. Signature of Notary Public

My Commission Expires: March 17, 2017

Docket: D14098USP2

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the

truthfulness, accuracy, or validity of that document.

COMBIN APPI	ED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN ACATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention	Methods and Systems for High Dynamic Range Image Projectors
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: 62/142,353
file	d on <u>April 2, 2015</u> .
The above-id	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.
I hereby acknowledge by fine or important	owledge 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.

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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-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 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.

LEGAL N	IAME OF INVENTOR		
Inventor:	Duane Scott Dewald	Date:	4-13-15
Signature:			

In the presence of:

Stand Pradice (1)

In the presence of:

January Land

Signature of Witness Signature of Witness

Frank Poradish Wayne Reynolds

Print Witness's Name Print Witness's Name

1339 Claire La, Allen, TX 1109 Woodham Dr. Mothery, Tx
Print Witness's Address Print Witness's Address 75070

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE Title of Invention | Methods and Systems for High Dynamic Range Image Projectors 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: 62/142.353 filed on April 2, 2015. 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:
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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.
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LEGAL NAME OF INVENTOR

Inventor: Douglas J. Gorny

Signature:

Notarial Acknowledgement

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE of CALIFORNIA

) ss: COUNTY OF San Francisco

Cami Brunjes On Way 11. 2015, before me, Cami Bruje , Notary Publi personally appeared Douglas J. Gorny, 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.

CAMI BRUNJES COMM. 8 2058819 NOTARY PUBLIC - CALIFORNIA SAN FRANCISCO COUNTY My Comm. Exp. March 13, 2018

Signature of Notary Public

My Commission Expires: Marm 13, 7018

COMBIN APPL	ED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN ICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention	Methods and Systems for High Dynamic Range Image Projectors
As the below	named inventor, I hereby declare that:
This declara	tion is directed to:
The	attached application, or
	ited States application or PCT international application number: 62/142.353
filed	on <u>April 2, 2015</u> .
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.
l hereby acknowly fine or imp	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than (5) years, or both.
corporation, hereinafter re- said applicati improvement States and all NOV ASSIGNOR	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 on and the invention to which said application is directed, in and to any and all is relating to said invention, and in and to all patents thereon, when granted in the United foreign countries; V, THEREFORE, in consideration of good and valuable consideration received by from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by
extent ASSIC	SSIGNOR 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 ace 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.

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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 Date: 2015 Apr 13 Inventor: Nathan Wainwright Signature:

In the presence of: In the presence of: (2) Signature of Witness Signature of Witness FRANK PORADISH Print Witness's Name Print Witness's Name

9 Claire Ln, Allen TX 1109 Doodhoven Dr., Mcking, Tx

Print Witness's Address Print Witness's Address

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE Title of Invention Methods and Systems for High Dynamic Range Image Projectors 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: 62/099.078 filed on December 31, 2014. 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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Docket: D14098USP1

101 (100 0000 0000) **100**

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LEGAL NAME OF INVENTOR

Inventor:	Martin J. Richards	Date:	1/	19	//5

Signature: ////////

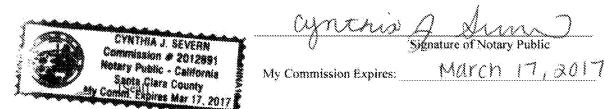
STATE of CALIFORNIA
STATE OF CALIFORNIA
SSTATE OF CALIFORNIA
SSS:
COUNTY OF SUN FIUNC (SCO.)

Notarial Acknowledgement
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On JANUARY 19, 2015, before me, MATYN J. RICHARS, Notary Public personally appeared Martin J. Richards, 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.



COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE		
Title of Invention	Methods and Systems for High Dynamic Range Image Projectors	
As the belo	w named inventor, I hereby declare that:	
This declar	ation is directed to:	
	ne attached application, or	
⊠ U	nited States application or PCT international application number: 62/099,078	
file	d on <u>December 31, 2014</u> .	
The above-i	dentified application was made or authorized to be made by me.	
I believe tha	I am the original inventor or an original joint inventor of a claimed invention in the application,	
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- (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 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.

LEGAL NAME OF INVENTOR

Nathan	Wainw	right
	Nathan	Nathan Wainw

Date: 19 Jan 2015

Signature:

In the presence of:

In the presence of:

Signature of Witness

Signature of Witness

Print Witness's Name

Print Witness's Name

WOODHAVEN DR.

Print Witness's Address Mck/NMEY, 78-

2405 ACACIAST, RICHARKOV, TY

Print Witness's Address

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE Title of Invention Methods and Systems for High Dynamic Range Image Projectors 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: 62/099.078 filed on December 31, 2014. 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

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:

by fine or imprisonment of not more than (5) years, or both.

- 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.

- 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.

LEGAL NAME OF INVENTOR		4
Inventor: Douglas J. Gorny	Date:	1115/15
Signature:		

Notarial Acknowledgement

county of San Fyzin GSco

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On Jon 15 7015, before me, Comi Toun & Notary Public, personally appeared Douglas J. Gorny, 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.

CAMI BRUNJES
COMM. # 2058819
NOTARY PUBLIC CALIFORNIA
SAN FRANCISCO COUNTY
My Comm. Exp. March 13, 2018

Signature of Notary Public

My Commission Expires: Marca 13, 2018

COMBINED	DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLIC	ATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE
Title of Invention	Methods and Systems for High Dynamic Range Image Projectors
As the below n	amed inventor, I hereby declare that:
This declaratio	n is directed to:
The a	ttached application, or
Unite □	d States application or PCT international application number: 62/099,078
filed or	n <u>December 31, 2014</u>
The above-ident	ified application was made or authorized to be made by me.
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknow by fine or impris	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 onment of not more than (5) years, or both.
corporation, hat hereinafter refe said application improvements in States and all for NOW, ASSIGNOR: 1. ASSIGNOR: 1. ASSIGNOR: 2. ASSIGNOR: 3. ASSIGNOR: 4. ASSIGNOR: 5. ASSIGNOR: 6. ASSI	AS, DOLBY LABORATORIES LICENSING CORPORATION, a New York ving a place of business at 100 Potrero Avenue, San Francisco, California, 94103, rred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to an 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 preign countries; THEREFORE, in consideration of good and valuable consideration received by om ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by SIGNOR hereby grants, sells, assigns, transfers and conveys unto ASSIGNEE, or to the OR has already done so, ASSIGNOR hereby confirms the grant, sale, assignment, transfer a unto ASSIGNEE of the entire right, title and interest: (a) in and to said application, invention, and improvements thereto, and each and every cation filed anywhere in the world, whether or not the country, jurisdiction, or authority of per of the International Union for the Protection of Industrial Property (The Paris hich additional application is a division of, substitution of, continuation of, continuation-a counterpart of, or is in any way based on, claims priority from, or relates to, said ention or improvements thereto; (b) all priority rights associated with the filing of each and every such application, for The Paris Convention, for the Patent Cooperation Treaty, for the European Patent 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 my country, jurisdiction or authority, including each and every patent that may be granted uplications referred to in sub-section (a), and in and to each and every reissue, ertificate, or extension of each and every such patent. IGNOR hereby warrants, covenants and represents that he/she has not heretofore granted than ASSIGNEE, any license, right or privilege in respect to the said applications, patents, nor in any other way encumbered the sam

Docket: <u>D14098USP1</u>

- 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.

LEGAL NAME OF INVENTOR

Inventor: Duane Scott Dewald Date: 1-30-3015-

Signature:

In the presence of:

The feeten (1) /Ath (2)

Signature of Witness Signature of Witness

John Jackson MATTHEW HINE

Print Witness's Name Print Witness's Name

1823 Bur Oak Dr. Allen TX 2405 Acacia St., Richardson, TX

Print Witness's Address
Print Witness's Address

Docket: D14098USP1

RECORDED: 09/11/2017