PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Peshala Pahalawatta	03/01/2011
Yuwen He	03/01/2011
Alexandros Tourapis	03/23/2011

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:	13877140

CORRESPONDENCE DATA

Fax Number: 4156454000

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

Phone: (415)645-5773

Email: bguil@dolby.com

Correspondent Name: Bianca Miyakawa

Address Line 1: 475 Brannan Street, Suite 300

Address Line 4: San Francisco, CALIFORNIA 94107-5420

ATTORNEY DOCKET NUMBER:	D10085US01/BM
NAME OF SUBMITTER:	Bianca Miyakawa

Total Attachments: 7

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ASSIGNMENT

WHEREAS, <u>Peshala Pahalawatta</u>, a resident of <u>Glendale</u>, <u>California</u>, <u>USA</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/389,180</u>, filed <u>October 1, 2010</u>, entitled <u>OPTIMIZED REFERENCE PROCESSING FILTER</u> SELECTION.

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

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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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated:	03/01	, 2011	Joh stander
	<u> </u>		FPESHALA PAHALAWATTA)

Notarial Acknowledgement

STATE of CALIFORNIA)
COUNTY OF LOS Angeles) ss)

on Di March, 2011, before me thristina L. Goselia, Notary Public, personally appeared Peshala Pahalawatta, 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]

CHRISTINA L. GOSSELIN
Commission # 1727455
lotary Public - California B
Los Angeles County
Accomp Parismitor 24, 2011

Notary Public
My Commission Expires: 3-24-11

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ASSIGNMENT

WHEREAS, <u>Yuwen He</u>, a resident of <u>Burbank</u>, <u>California</u>, <u>USA</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/389,180</u>, filed <u>October 1, 2010</u>, entitled <u>OPTIMIZED REFERENCE PROCESSING FILTER SELECTION</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

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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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.

Dated: March 1st, 2011	men Ke
\mathbf{Y}	<u>UWEN HE</u>
Notaria	l Acknowledgement
STATE of CALIFORNIA)
COUNTY OF) ss:)
appeared Yuwen He, who proved to me on the name is subscribed to the within instrument an authorized capacity, and that by his signature	, Notary Public, personally basis of satisfactory evidence to be the person whose dacknowledged to me that he executed the same in his on the instrument the person executed the instrument.
paragraph is true and correct.	2
WITNESS my hand and official seal	
[Seal]	Notary Public
•	My Commission Expires:

SEE ATTACHED DOCUMENT

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State of California)
	<u> </u>
County of Now Myglila	<u>"</u>
County of <u>Los Angeles</u> On <u>March 1, 2011</u> before me, S	ne Mazon Sonzelez Notary Public
Date Date	Here Insert Name and Title of the Officer
personally appeared <u>YWWW</u>	, He
	Name(s) of Signer(s)
	who proved to me on the basis of satisfactory
	evidence to be the person(s) whose name(s) sare
	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
	nis/per/their signature(s) on the instrument the
JOE MAZON GONZALEZ JOE MAZON GONZALEZ	person(s), or the entity upon behalf of which the
Commission # 1743983 Commission # California Notary Public - California	person(s) acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the
Los Angeles My Comm. Expires May 7, 2011	laws of the State of California that the foregoing
-	paragraph is true and correct.
	WITNESS my hand and official seal.
	a. Wiza Marza
Place Notary Seal Above	Signature: July Signature of Notary Public
	OPTIONAL — O O O O O O O O O O O O O O O O O O
	ed by law, it may prove valuable to persons relying on the document noval and reattachment of this form to another document.
Description of Attached Document	
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
☐ Corporate Officer — Title(s):	
	IUMBPRINT Individual RIGHT THUMBPRINT
☐ Individual RIGHT TH	IGNER □ Partner — □ Limited □ General Top of thumb here
☐ Individual RIGHT TH	
☐ Individual RIGHT TH	☐ Attorney in Fact
☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Cop of the	☐ Trustee
☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact	·
☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee	□Trustee
☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:	☐ Trustee ☐ Guardian or Conservator ☐ Other:
☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator

ASSIGNMENT

WHEREAS, <u>Alexandros Tourapis</u>, a resident of <u>Milpitas</u>, <u>California</u>, <u>USA</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/389,180</u>, filed <u>October 1, 2010</u>, entitled <u>OPTIMIZED REFERENCE PROCESSING FILTER SELECTION</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.
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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 heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed this instrument.
Dated: 03/23, 2011
in the presence of:
Alterry (1)
Signature of Witness
ATHANASIOS LEONTARIS
Print Witness's Name
3601 W VERDUGO AVE APT 305, BURBANK, CA-91505
Print Witness's Address
in the presence of: (2)
Signature of Witness
PESHALA PAHALAWATTA
Print Witness's Name
1/29 Valler View Rd, #11, Glandale, CA 9/200) Print Witness's Address

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RECORDED: 04/01/2013