# 503586327 11/25/2015 PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3632956

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART	Υ DATA			
		Name	Execution Date	
BARBARA RESCH			09/01/2010	
KRISTOFER KJOEF	RLING		09/01/2010	
LARS VILLEMOES			09/01/2013	
RECEIVING PARTY	DATA			
Name:	DOLBY I	DOLBY INTERNATIONAL AB		
Street Address:	APOLLO	APOLLO BUILDING, 3E, HERIKERBERGWEG 1-35,		
City:	AMSTEF	AMSTERDAM ZUIDOOST		
State/Country:	NETHEF	NETHERLANDS		
Postal Code:	1101 CN	1101 CN		
Application Number: 1494		4947906		
PROPERTY NUMBERS Total: 1 Property Type		Number	7	
Application Number: 14		4947906		
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		415)645-4000		
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CORRESPONDENC Fax Number: Correspondence wi using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 4: ATTORNEY DOCKET	(2 ill be sent to t r, if provided; 4 me: B 1: 5 T NUMBER:	the e-mail address first; if that is un if that is unsuccessful, it will be se 156455773 guil@dolby.com IANCA MIYAKAWA 275 MARKET STREET AN FRANCISCO, CALIFORNIA 9410 D10008US02 BIANCA MIYAKAWA	ent via US Mail.	
CORRESPONDENC Fax Number: Correspondence wie using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 6 source=D10008USP1	(2 ill be sent to t r, if provided; 4 by ne: B 1: S T NUMBER: ER: 5 -Signed Assig	the e-mail address first; if that is un if that is unsuccessful, it will be se 156455773 guil@dolby.com IANCA MIYAKAWA 275 MARKET STREET AN FRANCISCO, CALIFORNIA 9410 D10008US02 BIANCA MIYAKAWA /Bianca Miyakawa/	ent via US Mail.	

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### ASSIGNMENT

WHEREAS, <u>Barbara Resch</u>, a resident of <u>Solna, Sweden</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/361,237</u>, filed <u>July 2</u>, 2010, entitled <u>SELECTIVE BASS POST FILTER</u>.

WHEREAS, DOLBY INTERNATIONAL AB, a corporation, having a place of business at Atlas Complex, Africa Building Hoogoorddreef 9, Amsterdam, 1101 BA, Netherlands, 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 use in opposition 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

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## PATENT REEL: 037142 FRAME: 0776

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.

ĩ	the presence of:	
14	ignature of Witness (1)	
	LARC VICLEMOES	
-	rint Witness's Name	
	MANDOLINVÄGEN 22 17550 SARTALA	SWEACN
1	rint Witness's Address	

Signature of Witness (2)

LEIF SEHLSTRÖH

VECKOVÂGEN 61, 17762 JARFÀLLA Print Witness's Address

Docket: D10008USP1

### ASSIGNMENT

WHEREAS, <u>Kristofer Kjoerling</u>, a resident of <u>Solna, Sweden</u>, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/361,237</u>, filed <u>July 2, 2010</u>, entitled <u>SELECTIVE BASS POST FILTER</u>.

WHEREAS, DOLBY INTERNATIONAL AB, a corporation, having a place of business at Atlas Complex, Africa Building Hoogoorddreef 9, Amsterdam, 1101 BA, Netherlands, 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 use in opposition 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-in-part of, said application

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## PATENT REEL: 037142 FRAME: 0778

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: Sep 164, 2010 Kistor Ethy

in the presence of:

Signature of Witness (1)

Jonar Englegard Print Witness's Name

Wenströmswägen 6, 115 43 Stackholm, Sweden Print Witness's Address

in the presence of:

Signature of Witness (2)

LEIF SEHLSTRÖM

VECKOVÁGEN 61, 17762 JÁRFÁLLA, SUEDEN Print Witness's Address

Docket: D10008USP1

#### ASSIGNMENT

WHEREAS, Lars Villemoes, a resident of Järfälla, Sweden, herein referred to as ASSIGNOR, is an inventor and owner of the United States Provisional Patent Application No. <u>61/361,237</u>, filed July 2, 2010, entitled <u>SELECTIVE BASS POST FILTER</u>.

WHEREAS, DOLBY INTERNATIONAL AB, a corporation, having a place of business at Atlas Complex, Africa Building Hoogoorddreef 9, Amsterdam, 1101 BA, Netherlands, 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 use in opposition 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-in-part of, said application

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## PATENT REEL: 037142 FRAME: 0780

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 WHERE OF, I have executed this instrument.

Dated: Styl 1, 2010 [LARS VILLEMOES]

in the presence of:

Signature of Witness (1)

Jonas Englegoid Print Witness's Nomo

Wenströmsvägen 6, 115 43 Stockholm, Swaden Print Witness's Address

in the presence of:

LEIF SEHLSTLÖN Print Witness's Name

VECKOVÀGEN (1, 17762 JÄRFÂLLA, SWEDEN Print Witness's Address

Docket: D10008USP1

**RECORDED: 11/25/2015**