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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	ΤΔ			
		Name	Execution Date	
JOHAN APELQVIST			12/15/2014	
HENRIK BENGTSSON			01/07/2015	
LINUS MÅRTENSSON			12/15/2014	
CHRISTOPHER OHLSSON			02/23/2015	
PER ÖGREN			01/16/2015	
	ГА			
Name:	SONY CORPORATION			
Street Address:	1-7-1 KONAN			
Internal Address:	MINATO-KU			
City:	ТОКҮО			
State/Country:	JAPAN			
Postal Code:	108-0075			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:1569		5699257		
CORRESPONDENCE DA	ΑΤΑ			
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ATTORNEY DOCKET NUMBER:		014333-000036	014333-000036	
NAME OF SUBMITTER:		MATTHEW L. LINDER		
SIGNATURE:		/MatthewLinder/	/MatthewLinder/	
DATE SIGNED:		09/13/2018		

Total Attachments: 10

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Patent Application Title: MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE CONFIRMING RECEIPT OF MEDIA STREAM

is being filed concurrently herewith, Application Number to be assigned by the USPTO, or x was filed on <u>December 19, 2014</u> as United States Application Number <u>14/576,432</u> or PCT International Application Number ______.

I hereby authorize Applicant's representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

Declaration of Inventor

As the below named inventor, I hereby declare that:

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 aboveidentified 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 five (5) years, or both.

Inventor Assignment

WHEREAS I, Johan Apelqvist of Rydebäck, Sweden, have made a certain new and useful invention as set forth in the above-identified application for United States Letters Patent;

AND WHEREAS, Sony Corporation, having an address of <u>1-7-1 Konan, Minato-ku, Tokyo 108-0075</u>, Japan, is desirous of acquiring the entire right, title and interest in and to said invention including any previously or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Sony Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or

Page 2 of 2 Attorney Docker No. P41305763US00

transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Sony Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Johan Apelqvist

Svariögatan 32 SE-257 34 Rydebäck, Sweden

* 3*014* Date:

8% Witness Name Witness Signature Witness Name

Witness Signature

Page 1 of 2 Attorney Docket No. P41305763U\$00

DECLARATION AND ASSIGNMENT FOR UTILITY PATENT APPLICATION

Patent Application Title: <u>MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE</u> CONFIRMING RECEIPT OF MEDIA STREAM

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the aboveidentified 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 five (5) years, or both.

Inventor Assignment

WHEREAS I, Henrik Bengtsson of Lund, Sweden, have made a certain new and useful invention as set forth in the above-identified application for United States Letters Patent;

AND WHEREAS, Sony Composition, having an address of <u>1-7-1</u> Konan, Minato-ku, Tokyo 108-0075. Japan, is desirous of acquiring the entire right, title and interest in and to said invention including any previously or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Sony Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions, thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or

Page 2 of 2 Allomey Docket No. P41305763US00

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AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Sony Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered

thereby,

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Henrik Bengtsson Postiljensgatan 9 227 36 Lund, Sweden

Date:

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Xue Witness Name

Me Westhiles Witness Signature

Witness Name

PETER CALE Witness Signature

PATENT REEL: 046861 FRAME: 0730

Patent Application Title: MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE CONFIRMING RECEIPT OF MEDIA STREAM

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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 five (5) years, or both.

Inventor Assignment

WHEREAS I, Linus Märtensson of Lund, Sweden, have made a certain new and useful invention as set forth in the above-identified application for United States Letters Patent;

AND WHEREAS, Sony Corporation, having an address of <u>1-7-1 Konan, Minato-ku, Tokyo 108-0075</u>, Japan, is desirous of acquiring the entire right, title and interest in and to said invention including any previously or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Sony Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or

Page 2 of 2 Attorney Docket No. P41305763US00

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AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Sony Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

1

Linus Mårtensson⁷ Kung Oskars Väg 31, Lägenhet 1001 222 35 Lund, Sweden

Date:

Witness Name

Witness Signature

MASS Witness Name

Witness Signature

Patent Application Title: MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE CONFIRMING RECEIPT OF MEDIA STREAM

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Declaration of Inventor

As the below named inventor, I hereby declare that:

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 aboveidentified 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 five (5) years, or both.

Inventor Assignment

WHEREAS I, Christopher Ohlsson of Malmö, Sweden, have made a certain new and useful invention as set forth in the above-identified application for United States Letters Patent;

AND WHEREAS, Sony Corporation, having an address of <u>1-7-1 Konan, Minato-ku, Tokyo 108-0075</u>, Japan, is desirous of acquiring the entire right, title and interest in and to said invention including any previously or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Sony Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or

Page 2 of 2 Attorney Docket No. P41305763US00

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AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Sony Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Christopher Ohlsson Göingeplan 10a 214 43 Malmö, Sweden

Date: 2

n*à(2a*000 Witness Name

Witness Signature

iness Name

Witness Signature

Parent Application Title: MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE CONFIRMING RECEIPT OF MEDIA STREAM

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Decision of Inventor

As the below named inventor, I benchy declare that:

The above-identified application was made or authorized to be made by my

I believe that I am the original inventor or an original joint inventor of a clauned invention in the aboveidentified application.

I hereby acknowledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both

Inventor Assignment

WHEREAS I, Per Ögren of Malmö, Sweden, have made a certain new and useful invention as set forth in the above-identified application for United States Letters Patent;

AND WHEREAS, <u>Sony Corporation</u>, having an address of <u>1–2-1 Konan, Minato-Ku, Tokyo 108-0075</u>, <u>Japan</u>, is desirous of acquiring the entire right, title and interest in and to said invention including any previously or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged. I do hereby sell, assign transfer and set over unto Sony Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all parents of the United States and foreign countries which may be issued for said invention.

LPON SAID CONSIDERATIONS, thereby agree with the and assigned that is all not exceedences, writing or do any act whitspever conflicting with these presents, and that is set of any interceptor equest, without further or additional consideration but at the expense of and assigned exceedences of a deliver assignments and other writings and do such additional sets as and assigned may descente each additional enperfect the assigned seniorment of this grant, and render all receivery assignment in making application for any obtaining original divisional continuations, continuations in-part, reexamined removed, or exercised any fights of Patent of the United States or of any and all foreign economics on and incention, and is enforcing any fights of Closes is a flow accurate as a solid of such applications or patents by grant to the series of a second second second of the closes is a flow accurate as a solid of such applications or patents by grant to the second second second closes is a flow accurate as a solid of such applications or patents by grant to the second second second second closes is a flow accurate as a solid of such applications or patents by grant to the second sec

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Date: 16/1 2015

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Anders Nigerensser Winnes Name

Witnesis Signature

RECORDED: 09/13/2018