502232153 02/14/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Perry	02/06/2013
Rui Filipe Andrade Pereira	02/08/2013
Noam Rimon	02/06/2013

RECEIVING PARTY DATA

Name:	SONY COMPUTER ENTERTAINMENT AMERICA LLC	
Street Address:	919 E. Hillsdale Blvd.	
City:	Foster City	
State/Country:	CALIFORNIA	
Postal Code:	94404-2175	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13767806	

CORRESPONDENCE DATA

Fax Number:

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

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Email: ken.wright@mpiplaw.com

Correspondent Name: MPG, LLP

Address Line 1: 710 LAKEWAY DRIVE

Address Line 2: SUITE 200

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER: SONYP180

NAME OF SUBMITTER: Kenneth D. Wright

Total Attachments: 3

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> PATENT REEL: 029814 FRAME: 0155

\$40,00 137678

ASSIGNMENT OF PATENT APPLICATION

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEMS AND METHODS FOR CLOUD PROCESSING AND OVERLAYING OF CONTENT ON STREAMING VIDEO FRAMES OF REMOTELY PROCESSED APPLICATIONS

(Atty. Docket No. SONYP180 / SCEA12031US01) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to <u>Sonv Computer Entertainment America LLC</u>, a <u>Delaware</u> corporation having a place of business at <u>919 E. Hillsdale Blvd. Foster City. California 94404-2175</u>, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner for Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE'S expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1) Signature: Date: Date: Typed Name: David Perry

2) Signature: Date: Typed Name: Rui Filipe Andrade Pereira

3) Signature: Date: Typed Name: Noam Rimon

SONYPISO/SCEA1203TUS01

ASSIGNMENT OF PATENT APPLICATION

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEMS AND METHODS FOR CLOUD PROCESSING AND OVERLAYING OF CONTENT ON STREAMING VIDEO FRAMES OF REMOTELY PROCESSED APPLICATIONS

(Atty. Docket No. SONYP188 / SCEA12031US01) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- Sell, assign and transfer to Sony Computer Entertainment America LLC, a Delaware corporation having a place of business at 919 E. Hillsdale Blvd. Foster City. California 94404: 2175. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner for Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
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- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1)	Signature: Typed Name:	David Perry	Date:	
2)	Signature: Typed Name:	Rui Filipe Andrade Percira	Date:	2/3/2013
3)	Signature: Typed Name:	Noam Rimon	Date:	

PATENT REEL: 029814 FRAME: 0157

ASSIGNMENT OF PATENT APPLICATION

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEMS AND METHODS FOR CLOUD PROCESSING AND OVERLAYING OF CONTENT ON STREAMING VIDEO FRAMES OF REMOTELY PROCESSED APPLICATIONS

(Atty. Docket No. **SONYP180 / SCEA12031US01**) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to <u>Sony Computer Entertainment America LLC</u>, a <u>Delaware</u> corporation having a place of business at <u>919 E. Hillsdale Blvd.</u>, <u>Foster City, California 94404-2175</u>, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner for Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
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- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1)	Signature:		Date:		
,	Typed Name:	David Perry			
2)	Signature:		Date: _		
	Typed Name:	Rui Filipe Andrade Pereira			
3)	Signature:	· ~ ~	Date:	2/6/2013	
	Typed Name:	Noam Rimon			

SONYP180 / SCEA12031US01

RECORDED: 02/14/2013

PATENT REEL: 029814 FRAME: 0158