503074661 11/24/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANS MAARTEN STOKKING	07/09/2009
OMAR AZIZ NIAMUT	07/09/2009
MATTIJS OSKAR VAN DEVENTER	07/09/2009
FABIAN ARTHUR WALRAVEN	07/27/2009
VICTOR BASTIAAN KLOS	07/09/2009
JOHN GERARD BEERENDS	07/22/2009

RECEIVING PARTY DATA

Name:	KONINKLIJKE KPN N.V.
Street Address:	MAANPLEIN 55
City:	THE HAGUE
State/Country:	NETHERLANDS
Postal Code:	NL-2516 CK
Name:	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
Street Address:	SCHOEMAKERSTRAAT 97
City:	DELFT
State/Country:	NETHERLANDS
Postal Code:	2628 VK

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13619315

CORRESPONDENCE DATA

Fax Number:

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.

Email: docketing@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 S. WACKER DR.
Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 09-735-DIV1

503074661 REEL: 034253 FRAME: 0575

PATENT

NAME OF SUBMITTER:	COLE B. RICHTER
SIGNATURE:	/Cole B. Richter/
DATE SIGNED:	11/24/2014
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Total Attachments: 2

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PATENT REEL: 034253 FRAME: 0576

ASSIGNMENT

Case No.: 09-735 Serial No.: <u>12/496,827</u> Inventor(s): Hans Maarten Stokking, Omar Aziz Niamut, Mattijs Oskar Van Deventer, Fabian Arthur

Walraven, Victor Bastiaan Klos, John Gerard Beerends

Date of Execution of Application:

Filing Date: July 2, 2009

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Koninklijke KPN N.V.

Maanplein 55 NL-2516 CK, The Hague, Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO

Schoemakerstraat 97 2628 VK, Delft, Netherlands

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

GENERATING A STREAM COMPRISING SYNCHRONIZED CONTENT

and identified as:

Case No. 09-735

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignce the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

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McDONNELL BOEHNEN HULBERT & BERCHOFF LLP 300 SOUTH WACKER DRIVE CHICAGO. ILLINOIS 60606 TELEPHONE (312) 913-0001

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Dated: 9. 10/ 200

Hans Maarten Stokking

Dated:

Omar Aziz Niamut

Dated: g Jul Zoog

Mattijs Oskar Van Deventer

Dated: 27 Jul 2009

Fabian Arthur Walraven

Dated: 9- Jul - 2009

Victor Bastiaan Klos

Dated: 22 jul 2000

John Gerard Beerends

RECORDED: 11/24/2014