

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2607396

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RAY VAN BRANDENBURG</td> <td>11/01/2013</td> </tr> <tr> <td>MATTIJS OSKAR VAN DEVENTER</td> <td>10/18/2013</td> </tr> <tr> <td>MARTIN PRINS</td> <td>10/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	RAY VAN BRANDENBURG	11/01/2013	MATTIJS OSKAR VAN DEVENTER	10/18/2013	MARTIN PRINS	10/29/2013		
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<table border="1"> <tr> <td>Name:</td> <td>KONINKLIJKE KPN N.V.</td> </tr> <tr> <td>Street Address:</td> <td>MAANPLEIN 55</td> </tr> <tr> <td>City:</td> <td>THE HAGUE</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>2516 CK</td> </tr> </table>		Name:	KONINKLIJKE KPN N.V.	Street Address:	MAANPLEIN 55	City:	THE HAGUE	State/Country:	NETHERLANDS	Postal Code:	2516 CK
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	(312)913-0002										
Phone:	3129130001										
Email:	mueller@mbhb.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP										
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CH \$40.00 14056127

Address Line 4: CHICAGO, ILLINOIS 60606	
ATTORNEY DOCKET NUMBER:	13-1400
NAME OF SUBMITTER:	SCOTT M. MILLER
Signature:	/Scott M. Miller/
Date:	11/07/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

ASSIGNMENT

Case No.: 13-1400

Serial No: 14/056,127

Inventor(s): Ray van Brandenburg, Mattijs Oskar van Deventer, Martin Prins

Date of Execution
of Application:

Filing Date: 17 October 2013

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
2516 CK, The Hague, The Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
Schoemakerstraat 97
2628 VK, Delft , The 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:

Token-based validation for segmented content delivery

and identified as:

Case No. 13-1400

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 assignee 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.

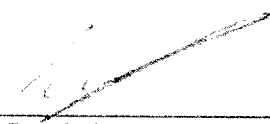
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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.

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: 01-11-2013



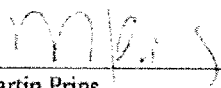
Ray van Brandenburg

Dated: 18-10-2013



Mattijs Oskar van Deventer

Dated: 22-10-2013



Martin Prins