

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Ljupco Jorguseski</td> <td>10/22/2012</td> </tr> <tr> <td>Remco Litjens</td> <td>10/23/2012</td> </tr> <tr> <td>Haibin Zhang</td> <td>10/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ljupco Jorguseski	10/22/2012	Remco Litjens	10/23/2012	Haibin Zhang	10/19/2012		
Name	Execution Date										
Ljupco Jorguseski	10/22/2012										
Remco Litjens	10/23/2012										
Haibin Zhang	10/19/2012										
RECEIVING PARTY DATA											
<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
Name:	Koninklijke KPN N.V.										
Street Address:	Maanplein 55										
City:	The Hague										
State/Country:	NETHERLANDS										
Postal Code:	2516 CK										
<table border="1"> <tr> <td>Name:</td> <td>Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO</td> </tr> <tr> <td>Street Address:</td> <td>Schoemakerstraat 97</td> </tr> <tr> <td>City:</td> <td>Delft</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>2628 VK</td> </tr> </table>		Name:	Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO	Street Address:	Schoemakerstraat 97	City:	Delft	State/Country:	NETHERLANDS	Postal Code:	2628 VK
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13696270</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13696270						
Property Type	Number										
Application Number:	13696270										
CORRESPONDENCE DATA											
Fax Number:	3129130002										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	312-913-0001										
Email:	mueller@mbhb.com										
Correspondent Name:	McDonnell Boehnen Hulbert & Berghoff LLP										
Address Line 1:	300 South Wacker Drive										
Address Line 4:	Chicago, ILLINOIS 60606										

CH \$40.00 13696270

ATTORNEY DOCKET NUMBER:	12-1173-WO-US
NAME OF SUBMITTER:	Christian B. Hines
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif	

ASSIGNMENT

Case No.: 12-1173-WO-US

Serial No: 13/696,270

Inventor(s): Ljupco Jorguseski; Haibin Zhang, Remco Litjens

Date of Execution  
of Application:

Filing Date: November 5, 2012

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:

**Method and telecommunications network for deactivating or activating a cell in such a network**

and identified as:

Case No. 12-1173-WO-US

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.

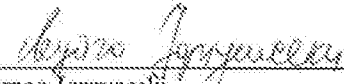
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

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: 22-10-2012

  
Ljupco Jorguleski

Dated: 23-10-2012

  
Remco Litjens

Dated: 19 Oct. 2012

  
Haibin Zhang