

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6498721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTONIUS NORP	01/08/2021
SANDER DE KIEVIT	01/14/2021
WIEGER IJNTEMA	01/08/2021
TONI DIMITROVSKI	01/13/2021
RECEIVING PARTY DATA	
Name:	KONINKLIJKE KPN N.V.
Street Address:	WILHELMINAKADE 123
City:	ROTTERDAM
State/Country:	NETHERLANDS
Postal Code:	3072 AP
Name:	NEDERLANDSE ORGANISATIE VOOR
Street Address:	ANNA VAN BUERENPLEIN 1
City:	'S-GRAVENHAGE
State/Country:	NETHERLANDS
Postal Code:	2595 DA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17258639
CORRESPONDENCE DATA	
Fax Number:	(312)913-0002
<i>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.</i>	
Phone:	3129130001
Email:	docketing@mbhb.com, grabelsky@mbhb.com, hubbird@mbhb.com
Correspondent Name:	MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP
Address Line 1:	300 S. WACKER DRIVE
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	20-2083-WO-US
NAME OF SUBMITTER:	DAVID A. GRABELSKY

SIGNATURE:	/David A. Grabelsky/
DATE SIGNED:	01/15/2021
Total Attachments: 8 source=20-2083-WO-US_Assignment#page1.tif source=20-2083-WO-US_Assignment#page2.tif source=20-2083-WO-US_Assignment#page3.tif source=20-2083-WO-US_Assignment#page4.tif source=20-2083-WO-US_Assignment#page5.tif source=20-2083-WO-US_Assignment#page6.tif source=20-2083-WO-US_Assignment#page7.tif source=20-2083-WO-US_Assignment#page8.tif	

ASSIGNMENT

Case No.: 20-2083-WO-US
Inventor(s): Antonius Norp
Sander de Kievit
Wieger Ijntema
Toni Dimitrovski

Serial No.: 17/258,639

Date of Execution
of Application: January 7, 2021

Filing Date: January 7, 2021

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.
Wilhelminakade 123
3072 AP Rotterdam, The Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
Anna van Buerenplein 1
2595 DA 's-Gravenhage, 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:

MULTI-HOP RELAYING IN A MOBILE COMMUNICATION NETWORK

and identified as:

Case No. 20-2083-WO-US

in the offices of MCDONNELL BOEHLEN 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

MCDONNELL BOEHLEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 613-8001

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.

Signature: 
Name: Antonius Norp
Date: 8 Jan 2021

Signature: _____
Name: Sander de Kievit
Date: _____

Signature: _____
Name: Wieger Ijntema
Date: _____

Signature: _____
Name: Toni Dimitrovski
Date: _____

ASSIGNMENT

Case No.: 20-2083-WO-US
Inventor(s): Antonius Norp
Sander de Kievit
Wieger Ijntema
Toni Dimitrovski

Serial No.: 17/258,639

Date of Execution
of Application: January 7, 2021

Filing Date: January 7, 2021

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.
Wilhelminakade 123
3072 AP Rotterdam, The Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
Anna van Buerenplein 1
2595 DA 's-Gravenhage, 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:

MULTI-HOP RELAYING IN A MOBILE COMMUNICATION NETWORK

and identified as:

Case No. 20-2083-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

MCDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

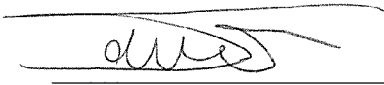
Sdk

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.

Signature: _____
Name: Antonius Norp

Date: _____

Signature: 
Name: Sander de Kievit

Date: 14/jan/2021

Signature: _____
Name: Wieger Ijntema

Date: _____

Signature: _____
Name: Toni Dimitrovski

Date: _____

ASSIGNMENT

Case No.: 20-2083-WO-US
Inventor(s): Antonius Norp
Sander de Kievit
Wieger Ijntema
Toni Dimitrovski

Serial No.: 17/258,639

Date of Execution
of Application: January 7, 2021

Filing Date: January 7, 2021

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.
Wilhelminakade 123
3072 AP Rotterdam, The Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
Anna van Buerenplein 1
2595 DA 's-Gravenhage, 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:

MULTI-HOP RELAYING IN A MOBILE COMMUNICATION NETWORK

and identified as:

Case No. 20-2083-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

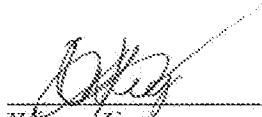
MCDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0901

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.

Signature: _____ Date: _____
Name: Antonius Norp

Signature: _____ Date: _____
Name: Sander de Kievit

Signature:  _____ Date: 08-01-2021
Name: Wieger Ijntema

Signature: _____ Date: _____
Name: Toni Dimitrovski

ASSIGNMENT

Case No.: 20-2083-WO-US
Inventor(s): Antonius Norp
Sander de Kievit
Wieger Ijntema
Toni Dimitrovski

Serial No.: 17/258,639

Date of Execution
of Application: January 7, 2021

Filing Date: January 7, 2021

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.
Wilhelminakade 123
3072 AP Rotterdam, The Netherlands

Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
Anna van Buerenplein 1
2595 DA 's-Gravenhage, 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:

MULTI-HOP RELAYING IN A MOBILE COMMUNICATION NETWORK

and identified as:

Case No. 20-2083-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.

Signature: _____ Date: _____
Name: Antonius Norp

Signature: _____ Date: _____
Name: Sander de Kievit

Signature: _____ Date: _____
Name: Wieger Ijntema

Signature:  _____ Date: 13-01-2021
Name: Tom Dimitrovski