506490419 02/05/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEROEN WIGARD	02/19/2020
MADS LAURIDSEN	02/19/2020
RAFHAEL AMORIM	02/19/2020
FRANK FREDERIKSEN	02/19/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17168901

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	319154US INV TO NTECH	
NAME OF SUBMITTER:	SANDY FONG	
SIGNATURE:	/Sandy Fong/	
DATE SIGNED:	02/05/2021	

Total Attachments: 3

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PATENT 506490419 REEL: 055165 FRAME: 0892

ASSIGNMENT - WORLDWIDE

ASSIGNOR(S)

Jeroen Wigard, Klarup, Denmark	
Mads Lauridsen, Gistrup, Denmark	
Rafhael Amorim, Aalborg, Denmark	
Frank Frederiksen, Klarup, Denmark	

ASSIGNEE

Nokia Technologies Oy

Karakaari 7, 02610 Espoo, Finland

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR(S) agree to assign and hereby assign, sell, transfer and set over to the ASSIGNEE and its successors, assigns and legal representatives, the entire right, title and interest, for United States of America and for all other countries in and to (1) the invention(s) identified by the following title or application number and filing date, and (2) any and all related inventions ("RELATED INVENTIONS" as defined below).

Title of Invention: DYNAMIC CELL SPECIFIC DELAY FOR TIMING SCALING IN NTN

Application Title: DYNAMIC CELL-SPECIFIC DELAY FOR TIMING SCALING IN A NON-TERRESTRIAL NETWORK (NTN)

Application number: US <u>62/983148</u> Filing date: <u>2020-02-28</u> (YYYY-MM-DD)

I/we, the ASSIGNOR(S), hereby authorize and request a representative of the ASSIGNEE to insert the application title, application number and filing date when known/received, after the execution of this document. The ASSIGNOR(S) hereby acknowledge and agree that the ASSIGNEE shall have the right to claim priority, directly or through another patent application, to the application identified above in any and all related patent applications subsequently filed in all jurisdictions.

I/we the ASSIGNOR(S) hereby acknowledge and agree that RELATED INVENTIONS include all national, regional and international patent applications filed and to be filed in any and all jurisdictions, that claim priority to the invention(s) identified by the above title or application number and filing date, said patent applications include all divisionals, continuations, re-issues, re-examinations, and continuations-in-part applications, and RELATED INVENTIONS include all rights and privileges in said patent applications and under any and all letters patent that may be granted in the United States of America and in all other countries resulting from said patent applications.

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PATENT REEL: 055165 FRAME: 0893 The ASSIGNOR(S) authorize the ASSIGNEE to make applications for such protection in its own name and maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from us, any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.

The ASSIGNOR(S) hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the ASSIGNEE to apply for patent or other form of protection for said invention(s) and to claim the aforesaid benefit of the right of priority.

The ASSIGNOR(S) request that any and all patents for said invention(s) be issued to the ASSIGNEE, its/their successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as the ASSIGNEE may designate.

The ASSIGNOR(S) agree that, when requested, we shall, without charge to the ASSIGNEE sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor (First Middle LAST)	Signature	Date (YYYY-MM-DD)	
Jeroen Wigard	The	7070 -02-19	
Mads Lauridsen	<u> </u>	<u> </u>	
Rafhael Amorim	Rolled American	2020-02-19	
Frank Frederiksen	<u> 6252 - </u>	<u> 2020-02-19</u>	
This assignment should preferably be signed by the inventor(s) before (a) at least two witnesses who also sign here, or (b) a Notary Public if within the U.S.A.;			
withesses who also sign here, or (b) a Notary Public if Within the U.S.A	\.;	
Witness Name (First Middle LAST)		A.: Date (YYYY-MM-DD)	
, ,	Δ		

NC319154

The ASSIGNEE accepts this assignment:	
_{Name} Anna Haipola	Signature Annia Malpula (Apr. 18), 2000)
Title Authorized Signatory	Date (YYYY-MM-DD) Apr 28, 2020
Name Per Möller	<i>Per Möller</i> Signature
Title Authorized Signatory	Date (YYYY-MM-DD) Apr 29, 2020

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RECORDED: 02/05/2021

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PATENT REEL: 055165 FRAME: 0895