

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6335373

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NOKIA OF AMERICA CORPORATION	05/26/2020
RECEIVING PARTY DATA		
Name:	NOKIA SOLUTIONS AND NETWORKS OY	
Street Address:	KARAKAARI 7	
City:	ESPOO	
State/Country:	FINLAND	
Postal Code:	02610	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16998396
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	ipr.assignments@nokia.com	
Correspondent Name:	TAMMY HOBBS	
Address Line 1:	600-700 MOUNTAIN AVENUE	
Address Line 4:	MURRAY HILL, NEW JERSEY 07974-0636	
ATTORNEY DOCKET NUMBER:	319870-US-NP (TDH)	
NAME OF SUBMITTER:	TAMMY HOBBS	
SIGNATURE:	/Tammy Hobbs/	
DATE SIGNED:	10/05/2020	
Total Attachments: 2		
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ASSIGNMENT

For good and valuable consideration in the sum of one Dollar (\$1.00), the receipt of which is hereby acknowledged, Nokia of America Corporation, a corporation established and existing under the laws of United States Of America and having its principal place of business at 600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, United States Of America ("Assignor") does hereby assign, sell, transfer and convey, subject to any existing rights, licenses and/or obligations of or to third parties, unto Nokia Solutions and Networks Oy, a corporation established and existing under the laws of Finland and having its principal place of business at Karakaari 7 (as of 1 July 2019, formerly Karaportti 3), 02610 Espoo, Finland ("Assignee"), all of Assignor's right, title and interest, for all countries, jurisdictions and political entities of the world, in and to any and all of the following (collectively, "Rights"):

- (a) The invention or inventions (collectively, "Inventions") described in

Invention Docket Reference Number	Title	Inventor(s)
NC319870	LOOP DETECTION IN ETHERNET PACKETS	Dutta, Pranjali

and all the Intellectual Property rights and privileges under any and all forms of protection;

- (b) Patent applications or other applications that may be filed for protection including, without limitation, applications for certificates of invention, utility models, industrial design protection, design patent protection, and provisional patent applications wherever filed, with respect to the Inventions, (collectively, "Applications") including all rights to file and prosecute such Applications directly in the name of Assignee;
- (c) All patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, that may be granted, registered, or issued with respect to the Inventions or the Applications (collectively, "Patents");
- (d) All reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuing prosecution applications, divisions, or registrations of, any item in any of the foregoing categories (b) or (c);
- (e) The right to claim priority rights deriving or arising from any of the foregoing categories (b), (c) or (d) and for Assignee to otherwise avail itself of the provisions of the international conventions governing the protection of inventions;
- (f) All causes of action and enforcement rights related to any of the foregoing categories (a), (b), (c) or (d) (including, without limitation, the right to sue and to pursue damages, injunctive relief, or other remedies for past, present, or future infringement, misappropriation, or violation of rights related thereto);
- (g) All rights to license and to collect royalties and other payments under or on account of any of the foregoing categories (a), (b), (c) or (d); and

- (h) Any and all other rights and interests arising out of, in connection with, or in relation to any of the foregoing categories (a), (b), (c) or (d),

with respect to which, and to the extent to which, Assignor had or has acquired the right to so assign, convey, transfer and deliver.

Assignor requests the respective patent office or governmental agency in each jurisdiction to grant or issue any and all letters patents, certificates of invention, utility models or other governmental or inter-governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the Assignee to the Assignor's entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them.

This Agreement may be executed by either handwritten signatures, including the exchange of scanned representations of handwritten signatures, or e-signatures. By using e-signature to sign this Agreement, the Parties acknowledge that execution in this manner creates a binding contract between the Parties.

IN WITNESS WHEREOF, each of the Parties has caused this Assignment to be executed by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:

Nokia of America Corporation

By: 


Name: Louis Diep

Title: Authorized Signatory

Date: May 20, 2020

ASSIGNOR:

Nokia of America Corporation

By: 
Claire Andrews (May 20, 2020 11:01 PM)

Name: Claire Andrews

Title: Authorized Signatory

Date: May 20, 2020

ASSIGNEE:

Nokia Solutions and Networks Oy

By: 
Per Möller (May 22, 2020 08:27 GMT+3)

Name: Per Möller

Title: Authorized Signatory

Date: May 22, 2020

ASSIGNEE:

Nokia Solutions and Networks Oy

By: 
Anna Haipola (May 26, 2020 21:26 GMT+3)

Name: Anna Haipola

Title: Authorized Signatory

Date: May 26, 2020