

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8204878

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KRISHAN SABNANI	08/11/2023
RECEIVING PARTY DATA		
Name:	NOKIA SOLUTIONS AND NETWORKS OY	
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City:	ESPOO	
State/Country:	FINLAND	
Postal Code:	02610	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	18459918
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	328935-US-NP	
NAME OF SUBMITTER:	MUKESH KUMAR SRIWASTAVA	
SIGNATURE:	/Mukesh Kumar Sriwastava/	
DATE SIGNED:	10/05/2023	
Total Attachments: 3		
source=NC328935_Executed Assignment signed between Nokia and External Collaborator#page1.tif		
source=NC328935_Executed Assignment signed between Nokia and External Collaborator#page2.tif		
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INVENTOR ASSIGNMENT AGREEMENT

This Inventor Assignment Agreement ("Inventor Assignment") is made by and between

Name	City	Country
Krishan Sabnani	Westfield	United States

(Full legal name, city and country of each inventor)
("Assignor(s)")

and

Nokia Solutions and Networks oy

Karakaari 7
02610 Espoo
Finland
("Assignee")

WHEREAS:

- (A) Assignor(s) own(s) an interest in the invention identified below by the inventors' names and the title of the invention or the application number and filing date ("Invention"). The Invention was created in the Invent With Nokia program and is subject to the Invent with Nokia Terms and Conditions, available at <https://inventwithnokia.nokia.com/>;

Nokia internal reference: [NC328935]

Inventors: Krishan Sabnani, Kedar Namjoshi

Title of invention disclosure: ALGORITHMS FOR IN-PLACE, CONSISTENT NETWORK UPDATES

Application Title: CAUSAL, IN-PLACE NETWORK UPDATES

Application number: US 18/459918 Filing date: 2023-09-01
(YYYY-MM-DD)

Assignor(s) hereby authorize and request Assignee and its successors, assigns and legal representatives to insert the application title, application number and filing date when known/received, even after the execution of this document.


- (B) Assignee desires to acquire Assignor(s)'s entire right, title and interest in and to the Invention which Assignor(s) has/have agreed to assign.


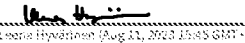
NOW THEREFORE IT IS HEREBY AGREED:

1. Assignor(s) and Assignee acknowledge and agree that in consideration of the promises herein and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor(s) hereby acknowledge(s) that the Assignor(s) has/have assigned, sold, transferred, conveyed, granted, and set over, and by these presents does/do hereby assign, sell, transfer, convey, grant and set over to the Assignee and its successors, assigns and legal representatives, the entire right, title and interest (1) in and to the Invention for United States of America and for all other countries, jurisdictions and political entities of the world, and (2) in and to any and all related inventions ("Related Inventions" as defined below).
2. The Assignor(s) hereby acknowledge and agree that Related Inventions include all national, regional and international patent applications or any 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, that may be granted, registered, or issued with respect to the Invention in any and all jurisdictions, that claim priority to the Invention (collectively "Applications"). Said Applications include all renewals, reissues, requests for continuing examinations, re-examinations, extensions, continuations, continuations-in-part, continuing prosecution applications, divisions, divisionals or registrations, and Related Inventions include all rights and privileges in said 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 Applications.
3. The Assignor(s) hereby assign to Assignee all rights to file and prosecute any and all Applications directly in the name of Assignee.
4. The Assignor(s) hereby assign to Assignee and its successors, assigns and legal representatives all causes of action and enforcement rights related to the Invention and Related Inventions, 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.
5. The Assignor(s) hereby authorize the Assignee and its successors, assigns and legal representatives 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 the Invention, without further authorization from Assignor(s), any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.
6. The Assignor(s) hereby consent that a copy of this Inventor 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 and its successors, assigns and legal representatives to apply for patent or other form of protection for the Invention and to claim the aforesaid benefit of the right of priority.
7. The Assignor(s) request the respective patent office or governmental agency in each jurisdiction to grant or issue any and all patents or other type of protection for the Invention 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.

8. The Assignor(s) agree that, when requested, we shall, without charge to the Assignee, its/their successors, assigns and legal representatives 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.
9. The terms and conditions of this Inventor Assignment will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor(s), its successors or assigns, and anyone properly designated by them.
10. In the event that a clause or term of this Inventor Assignment is regarded invalid, illegal or unenforceable, such invalidity shall not affect the validity of the remaining clauses or terms. The Assignor(s) and Assignee must replace such invalid, illegal or unenforceable clauses or terms with valid clauses or terms that best express the Assignor(s) and the Assignee's intent at the time of signing the Inventor Assignment.
11. The Assignor(s) and Assignee agree that this Inventor Assignment 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 Inventor Assignment, the Assignor(s) and Assignee acknowledge that execution in this manner creates a binding contract between the Assignor(s) and Assignee.

IN WITNESS whereof the Assignor(s) and Assignee have caused this Inventor Assignment to be duly signed and executed on the respective dates entered below to be effective as of the date of the last signature below or on the date of the last signature of the Agreement, whichever occurs later:

Inventor (First Middle Last) <u>Krishan Sabnani</u>	Signature <u></u> <small>Krishan Sabnani (Aug 11, 2023 08:03 EDT)</small>	Date <u>11-Aug-2023</u>
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NOKIA SOLUTIONS AND NETWORKS OY		
Name <u>Per Möller</u>	Signature <u></u> <small>Per Möller (Aug 11, 2023 10:59 GMT+3)</small>	
Title <u>Authorized Signatory</u>	Date <u>11-Aug-2023</u>	
Name <u>Leena Hvvärinen</u>	Signature <u></u> <small>Leena Hvvärinen (Aug 11, 2023 11:43 GMT+3)</small>	
Title <u>Authorized Signatory</u>	Date <u>11-Aug-2023</u>	