

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARL NUZMAN	05/14/2021
SHIRIN JALALI	05/14/2021
RECEIVING PARTY DATA	
Name:	NOKIA OF AMERICA CORPORATION
Street Address:	600-700 MOUNTAIN AVENUE
City:	MURRAY HILL
State/Country:	NEW JERSEY
Postal Code:	07974-0636
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17393904
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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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NAME OF SUBMITTER:	MUKESH KUMAR SRIWASTAVA
SIGNATURE:	/Mukesh Kumar Sriwastava/
DATE SIGNED:	08/07/2021
Total Attachments: 2	
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source=NC322800_Executed Inventor Assignment_To_NOAC#page2.tif	

ASSIGNMENT - WORLDWIDE

ASSIGNOR(S)

Name	City	Country
Carl Nuzman	Union, New Jersey	USA
Shirin Jalali	Berkeley Heights, New Jersey	USA

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

ASSIGNEE

Nokia of America Corporation**600-700 Mountain Avenue, Murray Hill, New Jersey 07974-0636, United States Of America**

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: ACOUSTIC ECHO CANCELLATION VIA INCREMENTAL MAXIMUM LIKELIHOOD ALGORITHM

Application Title: ACOUSTIC ECHO CANCELLATION USING A CONTROL PARAMETER

Application number: US 17/393904

Filing date: 2021-08-04
(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.

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.

The ASSIGNOR(S) and ASSIGNEE agree that this 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 assignment, the ASSIGNOR(S) and ASSIGNEE acknowledge that execution in this manner creates a binding contract between the ASSIGNOR(S) and ASSIGNEE.

Each inventor/assignor please sign and date below:

Inventor (First Middle Last)	Signature	Date
Carl Nuzman	<u></u> <small>Carl Nuzman (May 14, 2021 15:25 EST)</small>	<u>May 14, 2021</u>
Shirin Jalali	<u></u> <small>Shirin Jalali (May 14, 2021 09:47 EST)</small>	<u>May 14, 2021</u>

The ASSIGNEE accepts this assignment:

Name: Niraj Desai	Signature <u></u> <small>Niraj Desai (May 14, 2021 09:50 EST)</small>
Title: Authorized Signatory	Date <u>May 14, 2021</u>
Name: Nico van Waes	Signature <u></u>
Title: Authorized Signatory	Date <u>May 14, 2021</u>