

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LAWRENCE MENTEN	06/12/2018
PRASHANT SHANBHAG	06/13/2018
MICHEL ROCHON	06/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA SOLUTIONS AND NETWORKS OY
<b>Street Address:</b>	KARAPORTTI 3
<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02610
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16007759
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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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<b>ATTORNEY DOCKET NUMBER:</b>	105650-US-NP
<b>NAME OF SUBMITTER:</b>	DIANE V. LANE
<b>SIGNATURE:</b>	/Diane V. Lane/
<b>DATE SIGNED:</b>	06/13/2018
<b>Total Attachments: 6</b>	
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**ASSIGNMENT AND AGREEMENT**

For value received, we, Lawrence Menten, of Upper Saddle River, New Jersey, United States of America, Michel Rochon, of Kanata, Ontario, Canada, Prashant Shanbhag, of North Andover, Massachusetts, United States of America, hereby sell, assign and transfer to Nokia Solutions and Networks Oy, a corporation established and existing under the laws of Finland, and having its principal place of business at Karaportti 3, 02610 Espoo, Finland, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "RELIABLE FIREWALL" described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Nokia Solutions and Networks Oy the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Nokia Solutions and Networks Oy to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 Nokia Solutions and Networks Oy to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Nokia Solutions and Networks Oy in the United States and in all countries foreign to the United States, or to such nominees as Nokia Solutions and Networks Oy may designate.

We agree that, when requested, we shall, without charge to Nokia Solutions and Networks Oy but at its expense, 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: Lawrence Menten**

**Signature:** Lawrence Menten

**Date:** 6/12/2018

**Inventor: Prashant Shanbhag**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Inventor: Michel Rochon**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Inventor: Lawrence Menten**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Inventor: Prashant Shanbhag**

**Signature:** \_\_\_\_\_

**Date:** June 13, 2018

**Inventor: Michel Rochon**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Inventor: Lawrence Menten**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Inventor: Prashant Shanbhag**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Inventor: Michel Rochon**

**Signature:** *Michel Rochon*

**Date:** June 13, 2018