#### 506284574 10/01/2020

# PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ELENA VIRTEJ	02/14/2019
TERO HENTTONEN	02/15/2020
LARS DALSGAARD	06/19/2018

# **RECEIVING PARTY DATA**

Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17044650

# CORRESPONDENCE DATA

Fax Number: (202)457-6315

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.

Phone: 202-457-6000

Email: IP-Squire@SquirePB.com, douglas.goldhush@squirepb.com,

sonia.whitney@squirepb.com

SQUIRE PB (NOKIA) NOKIA TECHNOLOGIES OY **Correspondent Name:** 

Address Line 1: ATTN: IP DEPARTMENT Address Line 2: 2550 M STREET, NW

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	059864.03256
NAME OF SUBMITTER:	DOUGLAS H. GOLDHUSH
SIGNATURE:	/Douglas H. Goldhush/
DATE SIGNED:	10/01/2020

**Total Attachments: 4** 

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> **PATENT** REEL: 053951 FRAME: 0047 506284574

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PATENT REEL: 053951 FRAME: 0048

#### **ASSIGNMENT AND AGREEMENT**

For value received, we, Elena Virtej, of Espoo, Finland, Tero Henttonen, of Espoo, Finland, Lars Dalsgaard, of Oulu, Finland, hereby sell, assign and transfer to Nokia Technologies 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 "OPTIMIZED USER EQUIPMENT MEASUREMENTS FOR FAST CELL ACCESS" described in an application for Letters Patent of the United States, Serial No. 62/653922, filed 06-Apr-2018, 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 Technologies 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 Technologies 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 Technologies 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 Technologies Oy in the United States and in all countries foreign to the United States, or to such nominees as Nokia Technologies Oy may designate.

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We agree that, when requested, we shall, without charge to Nokia Technologies 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.

Signature:	Date:	<del>Telsonary 14, 2</del> 019	
Inventor: Lars Dalsgaard Signature:	Date:		
Inventor: Tero Henttonen Signature:	Date:	PEDELBAY 1579, 201	Res <sup>®</sup>

### ASSIGNMENT AND AGREEMENT

For value received, we, Elena Virtej, of Espoo, Finland, Tero Henttonen, of Espoo, Finland, Lars Dalsgaard, of Oulu, Finland, hereby sell, assign and transfer to Nokia Technologies 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 "OPTIMIZED USER EQUIPMENT MEASUREMENTS FOR FAST CELL ACCESS" described in an application for Letters Patent of the United States, Serial No. 62/653922, filed 06-Apr-2018, 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 Technologies 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.

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We agree that, when requested, we shall, without charge to Nokia Technologies 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.

TUAGUMA: EMBIG ALLES	
Signature:	Date:
Inventor: Lars Dalsgaard Signature:	Date: 19-June Zall
Inventor: Tero Henttonen	
Signature	Date: