504583869 10/06/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANJA JERICHOW	10/06/2017
ANNETT SEEFELDT	09/22/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15726974

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ATTORNEY DOCKET NUMBER:	820686-US-NP	
NAME OF SUBMITTER:	WILLIAM E. LEWIS	
SIGNATURE:	/william e. lewis/	
DATE SIGNED:	10/06/2017	

Total Attachments: 4

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PATENT 504583869 REEL: 043806 FRAME: 0255

ASSIGNMENT AND AGREEMENT

For value received, we, Anja Jerichow, Grafing, Germany and Annett Seefeldt, Regensburg, Germany, hereby sell, assign and transfer to Nokia Technologies OY (hereinafter "Nokia Technologies"), 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 "INDICATOR FOR DETERMINATION OF KEY FOR PROCESSING MESSAGE IN COMMUNICATION SYSTEM" 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 Technologies 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 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

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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 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 in the United States and in all countries foreign to

the United States, or to such nominees as Nokia Technologies may

designate.

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PATENT REEL: 043806 FRAME: 0257 We agree that, when requested, we shall, without charge to Nokia Technologies 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: JERICHOW, Anja

Signature: Date: 6 October 2017

Inventor: SEEFELDT, Annett

Signature: Date: _____

We agree that, when requested, we shall, without charge to Nokia Technologies 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: JERICHOW, Anja	
Signature:	Date:
Inventor: SEEFELDT, Annett	
Signature: A. A. See Berling	Date: 20 88 7 69 75

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RECORDED: 10/06/2017

PATENT REEL: 043806 FRAME: 0259