503770575 04/06/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	' DATA				
		Name	Execution Date		
NOKIA CORPORATIO	ON		01/16/2015		
RECEIVING PARTY	DATA				
Name:	NOKIA	NOKIA TECHNOLOGIES OY			
Street Address:	KARAF	KARAPORTTI 3			
City:	ESPOC	ESPOO			
State/Country:	FINLAN	FINLAND			
Postal Code:	02610	02610			
PROPERTY NUMBE	I		7		
Property Typ		Number			
Application Number: 14		14400756			
CORRESPONDENCI	Ε DATA				
		(202)824-3001			
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•		BANNER & WITCOFF, LTD.			
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ATTORNEY DOCKET NUMBER:		004770.02391			
NAME OF SUBMITTE	R:	BRADLEY C. WRIGHT	BRADLEY C. WRIGHT		
SIGNATURE:		/Bradley C. Wright/	/Bradley C. Wright/		
		04/06/2016	04/06/2016		
DATE SIGNED:					
DATE SIGNED: Fotal Attachments: 2					
	-				

PATENT ASSIGNMENT

THIS Assignment is effective as of 31 December 2014 between

Assignor NOKIA CORPORATION of Karaportti 3, FI-02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Corporation") and Assignee NOKIA TECHNOLOGIES OV of Karaportti 3, FI-02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Technologies")

WHEREAS, Nokia Corporation is the owner of certain patents and patent applications, as more particularly described in <u>Attachment 1</u> hereto (hereinafter "the Patents"), incorporated herein by reference;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):

Nokia Corporation sells, assigns, transfers and conveys to Nokia Technologies, and its successors and assigns, all right, title, and interest in and to each of the Patents and patent applications listed in <u>Attachment 1</u> hereto and all continuations, divisions, and reissues arising from or related to the Patents.

This sale, assignment, transfer, and conveyance to Nokia Technologies, and its successors and assigns, is made subject to certain retained rights in favor of Nokia Corporation for the Patents and patent applications listed in <u>Attachment 1</u>, as are set forth in the Agreement.

IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

NOKIA CORPORATION				
W				
By: Name:				
Title:	Esa Niinimäki Authorized signatory			

Title: Authorized signatory Date: 16 Journary 2015

NOKIA TECHNOLOGIES OY By: Name: Title: fyri Lassi Date: Vice President, Legal & IP 16 January

Name: Anna Oksalta Title: Lagal Cansel Date: 16 January 201*

Name: Ser M 0.9 K.C. 16.

Title: Now Crimera and chera ton Date: 16 January 2015

PATENT REEL: 038201 FRAME: 0560

Attachment 1

Case reference	Country	Filing Date	Filing Number
79026-US-PCT	United States of	12 November 2014	14/400756
	America		

RECORDED: 04/06/2016