

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF LESS THAN 100 PERCENT INTEREST	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SONY MOBILE COMMUNICATIONS AB	10/02/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SONY CORPORATION	
<b>Street Address:</b>	1-7-1 KONAN, MINATO-KU	
<b>City:</b>	TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	108-0075	
<b>Name:</b>	SONY MOBILE COMMUNICATIONS AB	
<b>Street Address:</b>	NYA VATTENTORNET	
<b>City:</b>	LUND	
<b>State/Country:</b>	SWEDEN	
<b>Postal Code:</b>	SE-221 88	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13504254
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(216)592-5009	
<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>	014352/000026	
<b>NAME OF SUBMITTER:</b>	M. DAVID GALIN	
<b>SIGNATURE:</b>	/M. DAVID GALIN/	
<b>DATE SIGNED:</b>	10/14/2015	

**Total Attachments: 2**

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## ASSIGNMENT

This Assignment is between Sony Mobile Communications AB, having an address at Nya Vattentorget, SE-221 88 Lund, Sweden, and Sony Corporation, having an address at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan.

By virtue of the corporate relationship respectively between Sony Corporation and Sony Mobile Communications AB and to memorialize the letter of December 18, 2012 from Fumihiko Moriya, VP and Senior General Manager of the Intellectual Property Division of Sony Corporation to Thomas Hedberg, Vice President and Head of Global IPR of Sony Mobile Communications AB, Sony Mobile Communications AB hereby assigns, so far as concerns the United States, the right for Sony Corporation to be identified as first assignee and identify Sony Mobile Communications AB as second assignee for U.S. Patent Application No. 13/504,254 filed in the U.S. Patent and Trademark Office on April 26, 2012.

This Assignment is signed by an authorized representative of Sony Mobile Communications AB. In the event that the person signing this Assignment is not an officer of Sony Mobile Communications AB, a document empowering the undersigned to make the Assignment is attached hereto.

Sony Mobile Communications AB

Signature:



By: Helén Hadevik (Printed or Typed Name)

Title: IPR Coordinator

Date: October 2, 2015

PATENT

RECORDED: 10/14/2015

REEL: 036866 FRAME: 0259