505429553 04/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ANGELO CENTONZA	05/11/2015

RECEIVING PARTY DATA

Name:	ERICSSON LIMITED	
Street Address:	UNIT 4 MIDLETON GATE	
Internal Address:	GUILDFORD BUSINESS PARK	
City:	GUILDFORD, SURREY	
State/Country:	UNITED KINGDOM	
Postal Code:	GU2 8SG	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15573570	

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	1557-263PUS	
NAME OF SUBMITTER:	ALAN M. WEISBERG	
SIGNATURE:	/Alan M. Weisberg/	
DATE SIGNED:	04/16/2019	

Total Attachments: 1

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PATENT 505429553 REEL: 048894 FRAME: 0587

ERICSSON LIMITED INVENTOR ASSIGNMENT

THIS ASSIGNMENT is effective from 11th May, 2015.

I, Angelo Centonza, a British resident at 7 Eim Court, Winchester, SO22 5BA, UNITED KINGDOM hereby declare and confirm that I created the invention described in Disclosure Form P47013 (the "Invention") during the course of my employment for Ericsson Limited (a company incorporated in England with registration No 942215 whose registered address is Unit 4 Midleton Gate, Guildford Business Park, Guildford, Surrey, GU2 8SG, England ("Ericsson Ltd").

I also HEREBY CONFIRM that all right title and interest in the Invention including all intellectual property rights that subsist in or protect the Invention are either owned by Ericsson or have been assigned to Ericsson and insofar as those rights and interests are not owned by or have not already been assigned to Ericsson then in consideration for the benefits I receive I HEREBY ASSIGN all such right title and interest and all such intellectual property that subsists in or protects the invention to Ericsson and this includes any future rights and interests that I may own that may subsist in or protect modification additions or further developments to the invention. For the avoidance of doubt this is an assignment of world wide rights and includes all copyright in documents that relate to the invention together with design rights and patent rights that may be used or granted anywhere in the world.

For the avoidance of doubt I shall sign any further documents required to confirm or perfect the assignment of any right title and interest or any intellectual property rights that I may own in the Invention its modifications additions or developments to Ericsson and if required will provide all reasonable assistance in any future legal proceeding relating to the Invention.

Inventor Angelo Centonza	For and on behalf of Ericsson Limited	
	Signature:	<u> </u>
A. J. D. 32_	Name: (PRINT)	Peter Barrett

PATENT REEL: 048894 FRAME: 0588

RECORDED: 04/16/2019