

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GEORGE JÖNGREN	05/19/2008
RECEIVING PARTY DATA		
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City:	STOCKHOLM	
State/Country:	SWEDEN	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16059162
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DATE SIGNED:	08/09/2018	
Total Attachments: 3		
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ASSIGNMENT

THIS ASSIGNMENT, by
George Jöngren

(hereinafter referred to as "the Assignor(s)") residing at
Karlsviksgatan 15 ,SE-112 41 STOCKHOLM ,Sweden

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful
improvements in

METHOD AND ARRANGEMENT FOR ADAPTING A MULTI-ANTENNA TRANSMISSION

said invention being disclosed in Sweden application no. 0701054-9 filed on 2007-04-30
and

said invention being based on PCT application no.PCT/SE2008/050374 filed on 2008-
03-31

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized
under and pursuant to the laws of Sweden and having its principal place of business at S-
164 83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of
acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient consideration, the receipt of which is hereby acknowledged, the Assignor(s)
have sold, assigned, transferred, and set over, and by these presents do sell, assign,
transfer, and set over, unto the Assignee, its successors, legal representatives, and
assigns the entire right, title, and interest in and to the above-mentioned inventions,
application for Letters Patent, and any and all Letters Patent or Patents of the United
States of America that may be granted therefor and thereon, and in and to any and all
divisions, continuations, and continuations-in-part of said application, and reissues and
extensions of said Letters Patent or Patents, the same to be held and enjoyed by the
Assignee, for its use and behoof and the use and the behoof of its successors, legal
representatives, and assigns, to the full end of the term or terms for which Letters Patent
and Patents may be granted as fully and entirely as the same would have been held and
enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant and agree to
and with the Assignee, its successors, legal representatives, and assigns, that, at the time
of execution and delivery these presents, the Assignor(s) are the sole and lawful owners
of the entire right, title, and interest in and to the inventions and application for Letters
Patent above-mentioned, and that the same are uncumbered, and that the Assignor(s)
have good and full right and lawful authority to sell and convey the same in the manner
herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and
with the Assignee, its successors, legal representatives, and assigns that the Assignor(s)
will, whenever counsel of the Assignee, or the counsel of its successors, legal
representatives, and assigns, shall advise that any proceeding in connection with said

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inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor(s) hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

ASSIGNMENT

Date May 19, 2008 Signature of Assignor George Jöngren
George Jöngren

Date May 19, 2008 Witnessed by [Signature]
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Sweden

Date May 19, 2008 Witnessed by [Signature]
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