

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jan S. Vromans	08/06/2010
Mark P. Van Der Heijden	08/18/2010
RECEIVING PARTY DATA	
Name:	ST-Ericsson SA
Street Address:	39 Chemin du Champ-des-Filles, 1228 Plan-les Ouates
City:	Geneva
State/Country:	SWITZERLAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12733189
CORRESPONDENCE DATA	
Fax Number:	(972)628-3616
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972.628.3600
Email:	munckcarter@gmail.com
Correspondent Name:	Munck Carter, LLP
Address Line 1:	P.O. Drawer 800889
Address Line 2:	Docket Clerk
Address Line 4:	Dallas, TEXAS 75380
NAME OF SUBMITTER:	William A. Munck
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ASSIGNMENT

WHEREAS, We, Jan S. Vromans, a citizen of The Netherlands and resident of Maastricht, The Netherlands, and Mark P. Van Der Heijden, a citizen of The Netherlands and a resident of Den Bosch, The Netherlands, have invented certain new and useful improvements in a "APPARATUS, METHOD AND COMPUTER READABLE MEDIUM FOR A TRANSMITTER" disclosed in an application for United States Letters Patent filed on February 16, 2010, and assigned serial number 12/733,189.

WHEREAS, ST-ERICSSON SA., a corporation of Geneva, Switzerland, having a place of business at 39 Chemin du Champ-des-Filles, 1228 Plan-les Ouates, Geneva, Switzerland (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention and the inventive concept, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and inventive concept and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention and inventive concept, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application and the

inventive concept throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention and inventive concept in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and inventive concept and all rights to register said invention and inventive concept in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention and inventive concept in all countries.

Date: 06-08-10

Date: 18-08-10



Jan S. VROMANS



Mark P. VAN DER HEIJDEN