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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2681290

	:	NEW	ASSIGNMENT		
NATURE OF CONV	EYANCE:	ASSIC	GNMENT		
CONVEYING PART	Y DATA				
Name Execution Date					
ST-ERICSSON (FR	RANCE) SAS			09/24/2012	
RECEIVING PARTY	′ DATA				
Name:	ST-ERICSS	N S A		1	
Street Address:		CHAMP-DES-	FILLES 39		
City:	PLAN-LES-C		1122000		
-	SWITZERLA				
State/Country:					
Postal Code:	CH-1228				
PROPERTY NUMBI	ERS Total: 1				
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ATTORNEY DOCKET NUMBER: 0112-068/C01178-US

NAME OF SUBMITTER: STEVEN M. DUBOIS

Signature: /stevenmdubois/

Date: 01/14/2014

FREDERICKSBURG, VIRGINIA 22404

Total Attachments: 6

Address Line 4:

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DEED OF ASSIGNMENT

Between the undersigned:

ST-Ericsson (France) SAS (formerly known as ST-NXP Wireless France SAS) a corporation duly organized under and pursuant to the laws of France and having its registered address at 12 rue Jules Horowitz, F-38000 Grenoble, France (hereinafter referred to as "Assignor") in favor, and for the benefit and behoof of, ST-Ericsson SA, a corporation duly organized under and pursuant to the laws of Switzerland and having its registered address at Chemin du Champ-des-Filles 39, 1228 Plan-les-Ouates, Switzerland (hereinafter referred to as "Assignee").

The Assignor is owner of or owns a share of the inventions, application(s) for Letters Patent, Letters Patent and Patents cited in the Annex A of the Deed.

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents, does hereby 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 following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefore and thereon, and in and to any and all divisions, continuations, continuations—in—part, conversions and utility models of said application(s), and reexaminations, 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, Patents and Utility Models 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:

LISTED IN ANNEX A

Assignor hereby authorizes and requests Assignee and/or Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letter Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor. Assignor hereby request that said Letters Patent, Patent, or Utility Model be issued to Assignee as the Assignee of said inventions, the Letters Patent, Patent or Utility Model to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereinafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies, injunctive relief, and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

The Assignor undertakes to sign all documents necessary for obtaining a patent and, moreover, all such documents, which may be required to assert the rights transferred hereby.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:

Switzerland

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without

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DEED OF ASSIGNMENT

limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be Geneva, Switzerland. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by the Assigner and Assignee.

If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor shall be construed and enforced accordingly.

Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment.

Subsequent assignment from the assignor to the assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

The Assignee declares to accept the ownership of these inventions, patent applications and patents with all their rights and obligations.

For ST-Ericsson (France) SAS:	For S1-Enceson SA:
Place and date Conserve 919/12 Signature: Mark Cept President	Place and date: AND WALL WILL OF SIgnature: Peter Ericsson Nestler Head of Patents
Witnessed by: Name: Sachare To G.Ni Signature: Ab/09/2012 TSP. 200	Witnessed by: Name: Max 1971 Gag 1980 Signature: JULY F
Witnessed by: Name:	Witnessed by: Name: X Haldig Signature: 2012-07-24
1.7 SEP. 2012	Date: ASPLATE LIVER.

ST-Ericsson ref	Country	Application number	Publication number	Grant number	National File date	PCT File date	Grant date
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