PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gilles Gallet	01/20/2011
Franck Denat	01/20/2011
Mickael Guene	01/20/2011
Eric Malbranche	01/20/2011

RECEIVING PARTY DATA

Name:	ST-Ericsson SA
Street Address:	Chemin du Champ-des-Filles 39
City:	Plan-les-Ouates
State/Country:	SWITZERLAND
Postal Code:	CH-1228

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13574548

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Michael G. Savage

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ATTORNEY DOCKET NUMBER:	0113-084
NAME OF SUBMITTER:	Michael G. Savage
Signature:	/Michael G. Savage/
Date:	05/31/2013 PATENT

502367625 REEL: 030524 FRAME: 0773

OP \$40,00 13574548

Total Attachments: 14 source=20130531 Assignment 0113-084#page1.tif source=20130531 Assignment 0113-084#page2.tif source=20130531 Assignment 0113-084#page3.tif source=20130531 Assignment 0113-084#page4.tif source=20130531 Assignment 0113-084#page5.tif source=20130531 Assignment 0113-084#page6.tif source=20130531 Assignment 0113-084#page7.tif source=20130531 Assignment 0113-084#page8.tif source=20130531 Assignment 0113-084#page9.tif source=20130531 Assignment 0113-084#page10.tif source=20130531 Assignment 0113-084#page11.tif source=20130531 Assignment 0113-084#page12.tif source=20130531 Assignment 0113-084#page13.tif source=20130531 Assignment 0113-084#page13.tif

PATENT REEL: 030524 FRAME: 0774

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ASSIGNMENT

This Assignment is made by:

GALLET, Gilles

Côte ferrée

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GUENE, Mickael

DENAT, Franck

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MALBRANCHE, Eric

7 rue de la scierie 38000 GRENOBLE

France

(hereinafter referred to as "Assignor(s)") 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").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do 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 Sweden, 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 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:

SECURE ENVIRONMENT MANAGEMENT DURING LOW-POWER MODES ON MULTICORE SYSTEMS

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country	Application No.	File Date
EP	10305077.9	2010-01-22
US	13/574,548	2012-07-20

The Effective Date is the earliest date of the above listed Filing Date(s).

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and tiling 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(s). Assignor(s) 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 and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

The Assignor(s) or Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the assignor.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) 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 inventions or said application(s) for Letters Patent, or any proceeding in connection with Letters Patent or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion or Utility Model of any application(s) for Letters Patent or Utility Model, 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 or Utility Model 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. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

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 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 in the country of the inventor's residence. 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 each of the Assignor(s) 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(s) 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. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Page 2 of 7

Subsequent assignment from any of the assignors 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.

Date 2011-01-20

Signature on behalf of Assignee

Peter Ericsson Nestler

Page 3 of 7

Title: ECURE ENVIRONMENT MANAGEMENT DURING LOW-POWER MODES ON MULTICORE SYSTEMS

Date 01 /20/201	Signature of Assignor	CALLET, CIIIes
Date. 01/20/2011	Witnessed by	Quy
	Name:	PHILLIPE, PLECE
	Address:	29 allée des 2 monde
		32100 Grenoble
pate OL/20/2011	Witnessed by	Jan 19
	Name:	BERUAT JERON
	Address:	Les bouyères
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Title: ECURE ENVIRONMENT MANAC	EMENT DURING LOW-POWER N	ODES ON MULTICORE SYSTEMS
Date. 01/20/2011	Signature of Assignor	DENAT, Franck
Date: 01/20/2010	Witnessed by	Air
	Name:	PHILIPPY, Diene
	Address:	29 allé des 2 norde
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		And Grant Annual Control
Date (01/70/2011	Witnessed by	
	Name:	BERUAT Trans
	Address;	les boyères
		38270 Lavier Veroo

Title: ECURE ENVIRONMENT MANAG	JEMENT DURING LOW-POWER N	ODES ON MULTICORE SYSTEMS
Date 01/20/2011	Signature of Assignor	Guite
Date 01/20/2011	e William and Sec	GUENE, Mickael
vale	Witnessed by	PULLIPHE, Pierre
	Address:	29 allão des 2 mordes
		38100 Grendde
pate. 01/20/2011		J. J
DateSA.A.COL.L.	Witnessed by	
	Name:	BERLATT Terane
	Address	les boyères
		38250 Lans en Dexico

THE ECONE ENVIRONMENT MANAL	FEMENT DURING LOW-POWER IN	IODES ON MULTICORE SYSTEMS
Date_OLIQLIQU	Signature of Assignor	MALBRANCHE BING
Date. CA. 120. 12011	Witnessed by	RULT
	Name:	SHILLPE, Piecre
	Address:	29 alie des 2 mortes
		38100 Gendde
Date. 01. 12012011.	Witnessed by	BUN
	Name:	BERLIAT JERONE
	Address:	les bouyères
		38270 Lansen Veaco

This Assignment is made by:

GALLET, Gilles

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France

DENAT, Franck

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43 chemin de la roche 38760 St PAUL DE VARCES

France

MALBRANCHE, Eric

7 rue de la scierie 38000 GRENOBLE

France

(hereinafter referred to as "Assignor(s)") 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").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do 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 Sweden, 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 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:

SECURE ENVIRONMENT MANAGEMENT DURING SWITCHES BETWEEN DIFFERENT MODES OF MULTICORE SYSTEMS

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country	Application No.	File Date	
EP	10191115.4	2010-11-12	
US	13/574,548	2012-07-20	

Page 1 of 7

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Date 2011-01-20

Signature on behalf of Assignee

Peter Ericsson Nestler

Title: SECURE ENVIRONMENT MANAGEMENT DURING SWITCHES BETWEEN DIFFERENT MODES OF MULTICORE SYSTEMS

Date 01 120/2011	Signature of Assignor	GALLET, Gilles
Date	Witnessed by	Puly
	Name:	DMLLPPE VPLECE
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Date_CL_/20/2011	Witnessed by	
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	Address:	les boyeres
		38250 Lans en Umag

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Date 01 120/2011	Signature of Assignor	DENAN Franck
Date. 01 /20 /2011	Witnessed by	Quy
	Name: .	PHILLER, LEON
	Address:	29 alla des 2 mode
		38100 Greadle
8	·	10 SIA
Date. (3). (20). (3). (3). (4). (4). (4). (4). (4). (4). (4). (4	Witnessed by	
	Name:	BERLIAT JECONE
	Address:	ses boyenes
		28250 Law en Veters

Title: SECURE ENVIRONMENT MANAGEMENT DURING SWITCHES BETWEEN DIFFERENT MODES OF MULTICORE SYSTEMS

Date 01/20/2011	Signature of Assignor	gues .
		GUENE, Mickael
pate 01./20/2011	Witnessed by	- Kuy
	Name:	IMLIPEL, Ricase
	Address:	29 alla dei 2 mende
		38100 Greade
Date. 01. /20. /2.011.		-bold
	Witnessed by	
	Name:	BERLIAT JERONE
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Title: SECURE ENVIRONMENT MANA	GEMENT DURING SWITCHES B	ETWEEN DIFFERENT MODES OF MULTICORE
Date 01/2011	Signature of Assignor	MALBRANCHE
Date. (2) (10/10/1	Witnessed by	Quy-
	Name:	PHILIPPE Presse
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Date 01/20/2011	Witnessed by	- And -
Care String Strike Strike Strike Strike Strike	waaassed dy	Company of the control of the contro
	Name:	868LUAT DECODE
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		38350 Lagrer Vercocs