

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2796443

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ST-ERICSSON SA	08/02/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ERICSSON MODEMS SA
<b>Street Address:</b>	CHEMIN DU CHAMP-DES-FILLES 39
<b>City:</b>	PLAN-LES-OUATES
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	1228
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	CN1180279
<b>Application Number:</b>	14348015
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-2084
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	9198541844
<b>Email:</b>	uspto-assignments@coatsandbennett.com
<b>Correspondent Name:</b>	COATS AND BENNETT, PLLC
<b>Address Line 1:</b>	1400 CRESCENT GREEN
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	CARY, NORTH CAROLINA 27518
<b>ATTORNEY DOCKET NUMBER:</b>	4015-8853/C02836-US1
<b>NAME OF SUBMITTER:</b>	STEPHEN A. HERRERA
<b>SIGNATURE:</b>	/Stephen A. Herrera, Reg. No. 47642/
<b>DATE SIGNED:</b>	04/02/2014
<b>Total Attachments: 6</b>	
source=4015-8853_Assgn_Ericsson_Modems#page1.tif	
source=4015-8853_Assgn_Ericsson_Modems#page2.tif	
source=4015-8853_Assgn_Ericsson_Modems#page3.tif	
source=4015-8853_Assgn_Ericsson_Modems#page4.tif	
source=4015-8853_Assgn_Ericsson_Modems#page5.tif	

PATENT



## PATENT ASSIGNMENT CONFIRMATION

WHEREAS, ST-Ericsson S.A., a Swiss corporation having its principal office and place of business at 39 Chemin du Champ-des-Filles, 1228 Plan les Ouates, Geneva, Switzerland, (hereinafter called "ASSIGNOR") was, as of August 2, 2013, the owner of all right, title, and interest in and to Patents and Pending Patent Applications listed in Appendix A, and the inventions for which the same were made and which the same describe (hereinafter collectively referred to as "PATENT RIGHTS");

WHEREAS, ST-Ericsson AT SA (subsequently changed to "Ericsson Modems SA"), a company incorporated in Switzerland whose registered office is at Chemin du Champ-des-Filles 39, 1228, Plan-les-Ouates (GE), Switzerland, (hereinafter called "ASSIGNEE"), was, as of August 2, 2013, desirous of acquiring the entire right, title, and interest in and to said PATENT RIGHTS;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is acknowledged, the said ASSIGNOR, effective as of August 2, 2013, has sold, conveyed, transferred, and assigned to ASSIGNEE, subject to prior encumbrances, all its right, title and interest in and to said PATENT RIGHTS, the same to be held and enjoyed by the ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives; together with any and all patents or patent applications anywhere worldwide to which any of the PATENT RIGHTS directly or indirectly claim priority, including, but not limited to, provisional applications thereof, or for which any of the PATENT RIGHTS directly or indirectly form a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing together with all claims for damages, injunctive relief, and any other remedies of any kind by reason of past, current and future infringement of said PATENT RIGHTS, with the right to sue for and collect the same for its own use and benefit and for the use and benefit of its successors, assigns, or other legal representatives to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

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).

ASSIGNOR covenants that it had, as of August 2, 2013, the full right to sell, convey, transfer, and assign its interest in said PATENT RIGHTS, and that it has not executed, and will not execute, any agreement in conflict herewith or in conflict with the sale, conveyance, transfer and assignment that is the subject hereof.

ASSIGNOR further hereby agrees to execute and deliver all further instruments of sale, conveyance, transfer, assignment, and further assurances and perform all such other acts as may be desirous or required to sell, convey, transfer and assign all of the ASSIGNOR'S right, title, and interest in and to and under said PATENT RIGHTS to the ASSIGNEE, and to otherwise assist in perfecting, obtaining, and securing the aforementioned rights to

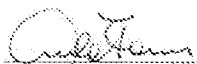
*Handwritten mark*

ASSIGNEE, its legal representatives, successors, and assigns, for any jurisdiction in the world.

ASSIGNOR further hereby provides ASSIGNEE the full and perpetual Power of Attorney for said PATENT RIGHTS, including but not limited the Power of Attorney to execute and deliver all such documents related to sale, conveyance, transfer, assignment and recording of the same for any jurisdiction in the world.

At the expense of ASSIGNEE, or its legal representatives, successors, or assigns, ASSIGNOR agrees to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything reasonably possible to aid ASSIGNEE, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

Whereby, by its duly authorized officers, ASSIGNOR hereby confirms its sale, conveyance, transfer and assignment, effective as of August 2, 2013, of the PATENT RIGHTS to ASSIGNEE, and ASSIGNEE, by its duly authorized officers, hereby confirms its acceptance of such sale, conveyance, transfer and assignment.

By:  By: \_\_\_\_\_  
Name: Carlo Ferro Name: \_\_\_\_\_  
Title: CEO, President Title: \_\_\_\_\_  
COMPANY: ST-Ericsson S.A.

By:  By: \_\_\_\_\_  
Name: Mats Norén Name: \_\_\_\_\_  
Title: VPRGM Title: \_\_\_\_\_  
COMPANY: ST-Ericsson AT SA

Appendix A - Patents from STE to Ericsson

Reference	Country	Registration No	PublicationNo	Application No	Title
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C02836-WO1	WO		CN2011080279		A Method and Device for TD-SCDMA Joint Detection <sup>n</sup>
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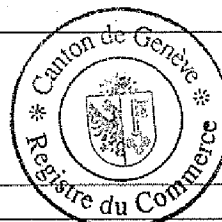
# REGISTRE DU COMMERCE DE GENÈVE

Extrait avec éventuelles radiations

EXTRAIT DU REGISTRE  
No réf. 02166/2009  
N° féd. CH-660-0364009-6

## Ericsson Modems SA

inscrite le 12 février 2009  
Société anonyme



Réf.	Raison Sociale	
1	ST-Ericsson AT SA (ST-Ericsson-AT Ltd)	
13	Ericsson Modems SA (Ericsson Modems Ltd)	
Siège		
1	Plan-les-Ouates	
Adresse		
1	chemin du Champ-des-Filles 39, 1228 Plan-les-Ouates	
Dates des Statuts		
1	02.02.2009	5 27.10.2010 (nouv. stat.)
4	29.06.2010	13 12.09.2013
But, Observations		
1	<u>But:</u> développement et/ou vente de logiciels et de circuits intégrés basés sur les semi-conducteurs (IC) et destinés en priorité aux composants de communication cellulaire sans fil ainsi qu'aux services y relatifs (cf. statuts pour but complet).	
4	<u>Opting-out:</u> Selon déclaration du conseil d'administration du 29.06.2010, la société n'est pas soumise à un contrôle ordinaire et renonce à un contrôle restreint.	
5	<u>But:</u> développement et/ou vente de logiciels et de circuits intégrés basés sur les semi-conducteurs (IC) et destinés en priorité aux composants de communication cellulaire sans fil ainsi qu'aux services y relatifs (cf. statuts pour but complet).	
Fusions (LFus)		
5	<u>Fusion:</u> - reprise des actifs et passifs de ST-Ericsson AT Holding AG, à Zurich (CH-020-3033454-6), selon contrat de fusion du 19.10.2010 et bilan au 29.05.2010, présentant des actifs de CHF 27'085'309, parmi lesquels sont contenues toutes les actions de la société reprenante, des passifs envers les tiers de CHF 208'335, soit un actif net de CHF 26'876'974. La fusion ne donne pas lieu à une augmentation du capital, étant donné que les actionnaires de la société transférante reçoivent les actions propres de la société reprenante, acquises lors de la fusion. Conformément à l'attestation d'un expert-réviseur agréé, des créances du montant du découvert et du surendettement ont été postposées.	
Organe de publication		
1	Communication aux actionnaires: lettre	
1	Feuille Officielle Suisse du Commerce	

Réf.	Capital-actions		
	Nominal	Libéré	Actions
1	CHF 100'000	CHF 100'000	100 actions de CHF 1'000, nominatives

Réf.			Administration, organe de révision et personnes ayant qualité pour signer		
Inscr.	Mod.	Rad.	Nom et Prénoms, Origine, Domicile	Fonctions	Mode Signature
1		3	Dutheil Alain, de France, à Genève	adm. président	signature collective à 2
1		5	Lucie Smith Timothy, de Grande Bretagne, à Genève	adm.	signature collective à 2
1		4	PricewaterhouseCoopers SA (CH-660-1784998-4), succursale à Genève	organe de révision	
2		5	Champseix Jean-Louis, de France, à Saint-Julien-en-Genevois, F	adm.	signature collective à 2
2		3	Puskarie Robert, de Suède, à Lund, SWE	adm.	signature collective à 2
3	m	5	Delfassy Gilles, de France, à Annecy-le-Vieux, F	adm. président	signature individuelle
3		5	Cetto Marc, de France, à Veyrier	adm.	signature collective à 2
5		12	Vestberg Hans Erik, de Suède, à Stocksund, SWE	adm. président	signature collective à 2
5		12	Bozotti Carlo, d'Italie, à Genève	adm. vice-président	signature collective à 2
5		6	Dutheil Alain, de France, à Genève	adm.	signature collective à 2
5		9	Ferro Carlo, de Capriascia, à Divonne-les-Bains, F	adm.	signature collective à 2
5		12	Frykhammar Jan, de Suède, à Djursholm, SWE	adm.	signature collective à 2
5		6	Lietar Loic, de France, à Genève	adm.	signature collective à 2
5		12	Wäreby Jan Erik, de Suède, à Stockholm, SWE	adm.	signature collective à 2
5		12	Wibergh Johan, de Suède, à Sollentuna, SWE	adm.	signature collective à 2
5	5	8	Delfassy Gilles, de France, à Annecy-le-Vieux, F	directeur général	signature individuelle
6		10	Lambinet Philippe, de France, à Cologne	adm.	signature collective à 2
6	m	8	Lamouche Didier, de France, à Veyrier	adm.	signature collective à 2
7			PricewaterhouseCoopers SA (CH-660-1784998-4), succursale à Genève	organe de révision	
8		12	Chery Jean-Marc, de France, à Le Tholonet, F	adm.	signature collective à 2
8	8	11	Lamouche Didier, de France, à Veyrier	directeur général	signature individuelle
9		12	Grandi Lorenzo, d'Italie, à Cessy, F	adm.	signature collective à 2
10		12	Penalver Georges, de France, à Maisons-Laffitte, F	adm.	signature collective à 2
11		12	Ferro Carlo, de Capriascia, à Divonne-les-Bains, F	directeur	signature individuelle
12			Norin Mats, de Suède, à Sollentuna, S	adm. président	signature individuelle
12			Oscarsson Per, de Suède, à Segeltoorp, S	adm. vice-président	signature collective à 2
12			Barbazza Michele, d'Italie, à Niederlenz	adm.	signature collective à 2
12			Ionita Gheorghe, de Flühli, à Baar	adm.	signature collective à 2

Réf.	JOURNAL		PUBLICATION FOSC		Réf.	JOURNAL		PUBLICATION FOSC	
	Numéro	Date	Date	Page/Id		Numéro	Date	Date	Page/Id
1	2166	12.02.2009	18.02.2009	9/4887302	2	3270	02.03.2009	06.03.2009	6
3	19061	07.12.2009	11.12.2009	10/5389234	4	12424	22.07.2010	28.07.2010	9/5748984
5	20403	07.12.2010	13.12.2010	10/5936754	6	3089	16.02.2011	22.02.2011	9/6044994
7	12311	26.07.2011	29.07.2011	0/6278668	8	1053	18.01.2012	23.01.2012	0/6515828
9	7495	10.05.2012	15.05.2012	0/6679018	10	18824	08.11.2012	13.11.2012	0/6930006
11	6642	17.04.2013	22.04.2013	0/7157852	12	15179	11.09.2013	16.09.2013	0/1078587
13	15962	25.09.2013							

*Inscription non encore publiée mais approuvée par l'office fédéral du registre du commerce (art. 32 ORC)*

Genève, le 26 septembre 2013



*Fin de l'extrait*

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Seul un extrait certifié conforme, signé et muni du sceau du registre, a une valeur légale.