

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4365644

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AIJUN CAO	06/02/2015
YONGHONG GAO	06/02/2015
THORSTEN SCHIER	06/02/2015
JAN JOHANSSON	06/02/2015
PATRICK SVEDMAN	06/02/2015
BOJIDAR HADJISKI	06/02/2015
RECEIVING PARTY DATA	
Name:	ZTE WISTRON TELECOM AB
Street Address:	KISTA SCIENCE TOWER, 19TR., FAROGATAN 33
City:	KISTA
State/Country:	SWEDEN
Postal Code:	S-164 51
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15100936
CORRESPONDENCE DATA	
Fax Number:	(619)744-2201
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	619-744-2200
Email:	cagrifone@duanemorris.com
Correspondent Name:	DUANE MORRIS LLP - SAN DIEGO
Address Line 1:	750 B STREET
Address Line 2:	SUITE 2900
Address Line 4:	SAN DIEGO, CALIFORNIA 92101-4681
ATTORNEY DOCKET NUMBER:	F8978-42207
NAME OF SUBMITTER:	RICHARD C. KIM
SIGNATURE:	/Richard C. Kim/
DATE SIGNED:	04/12/2017

Total Attachments: 3

source=F8978-42207_Assignment#page1.tif

source=F8978-42207_Assignment#page2.tif

source=F8978-42207_Assignment#page3.tif

NUNC PRO TUNC ASSIGNMENT

WHEREAS WE, Aijun CAO, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; Yonghong GAO, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; Thorsten SCHIER, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; Jan JOHANSSON, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; Patrick SVEDMAN, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; and Bojidar HADJISKI, having an address of Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN; hereinafter individually and jointly referred to as “Assignors” believe we are the original, joint and first inventors of the subject matter which is claimed and for which a patent is sought in a patent application entitled:

Title:	CSI-RS BASED CELL DISCOVERY SIGNAL
Serial Number:	PCT/US2014/069773
Filing Date:	December 11, 2014
Attorney Docket No.	F8978-42202

hereinafter the “Patent Application.”

WHEREAS, ZTE WISTRON TELECOM AB, a corporation having a place of business located at Kista Science Tower, 19tr., Farogatan 33, Kista, S-164 51, SWEDEN, hereinafter referred to as “Assignee” is desirous of acquiring the Patent Application and the invention(s) described therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned Assignors, effective as of December 11, 2014, individually and collectively hereby sell, assign, transfer, and convey unto the Assignee, its successors, and assigns, our entire right, title, and interest

in and to the invention(s) described in the Patent Application for the territory of the United States and its possessions and territories and for the territory of all foreign countries worldwide;

in and to the Patent Application and all related United States, international, and foreign patent applications that claim an invention disclosed in the Patent Application, including provisional, non-provisional, divisional, continuation, continuation-in-part, Patent Cooperation

Treaty, and foreign national and regional phase patent applications, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

in and to all United States and foreign patents that may be granted from any of the aforementioned patent applications, including any extensions, reissues, and reexamination certificates thereof;

such invention(s), application(s), and patent(s) to be held and enjoyed by the Assignee, for the Assignee's own use and benefit, and for that of the Assignee's successors and assigns, until the end of the full term or terms for which such patent(s) may be granted, as fully and entirely as the same would have been held by the Assignors had this sale, assignment, transfer, and conveyance not been made.

Each of the Assignors agree that, when requested, they will, without charge to the Assignee but at his or her own expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for the invention(s) in any and all countries, and for vesting title thereto in the Assignee or its successors or assigns.


Each of the Assignors agree to communicate to the Assignee or its representatives any facts known to the individual Assignor respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

Assignors agree that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, or its successors, assigns, and legal representatives to apply for patent or other protection for the invention(s), and to claim the benefits of the right of priority provided by any relevant international treaty or convention relating to any of the aforementioned patent applications.


Each of the Assignors covenants with the Assignee, its successors, assigns, and legal representatives, that to the best of the individual Assignor's knowledge, the right, title and interest herein conveyed by the individual Assignor to the Assignee are free and clear of any

encumbrance and that the individual Assignor has the right to sell, assign, transfer, and convey the same.

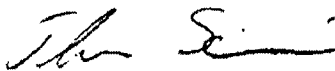
Date: 2015.6.2

By: 
Aijun CAO

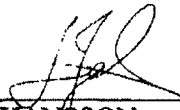
Date: 2015-06-02

By: 
Yonghong GAO

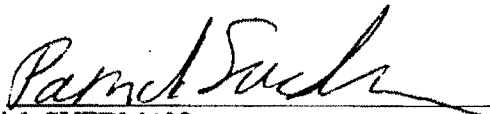
Date: 2015-06-02

By: 
Thorsten SCHIER

Date: 2015-06-02

By: 
Jan JOHANSSON

Date: 2015-06-02

By: 
Patrick SVEDMAN

Date: 2015-06-02

By: 
Bojidar HADJISKI