

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3327264

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yu-Han Yang	04/01/2015
K. J. RAY LIU	04/07/2015
RECEIVING PARTY DATA	
Name:	Origin Wireless Communications, Inc.
Street Address:	223 Newbury Street
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02116
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14615984
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(617) 542-5070
Email:	LYB@fr.com
Correspondent Name:	REX I. HUANG
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	37502-0009001
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	04/27/2015
Total Attachments: 3	
source=completed Assignment-00090001#page1.tif	
source=completed Assignment-00090001#page2.tif	
source=completed Assignment-00090001#page3.tif	

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, YU-HAN YANG, and K. J. RAY LIU, each individually assign to ORIGIN WIRELESS COMMUNICATIONS, INC., a corporation formed under the laws of Delaware and having a principal place of business at 223 Newbury Street, Boston, MA 02116, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "JOINT WAVEFORM DESIGN AND INTERFERENCE PRE-CANCELLATION FOR TIME-REVERSAL SYSTEMS", and was filed in the United States Patent and Trademark Office on February 6, 2015, as application 14/615,984 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Yu-Han Yang
Yu-Han Yang

Apr 1, 2015

Date: *Apr 1, 2015*

Yu-Han Yang

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of *San Diego*

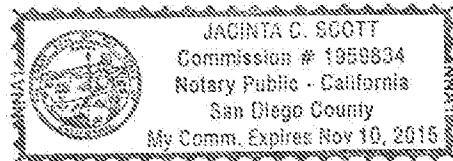
On *April 1, 2015* before me, *Jacinta C. Scott, Notary Public*
(insert name and title of the officer)


personally appeared YU-HAN YANG who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Jacinta C. Scott*




K. J. Ray Liu

Date: 4/7/2015

Witnessed by:

Signature: Chen Yan

Date: 4/7/2015

Print Name: YAN CHEN

Signature: Beibei Wang

Date: 4/7/2015

Print Name: Beibei Wang

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: ORIGIN WIRELESS COMMUNICATIONS, INC.

Signature: Katie Hall

Date: 4/21/2015

Name: Katie Hall

Title: CIPD

23366982.doc