505403544 04/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5450338

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Qinyi Xu	04/23/2018
Feng Zhang	04/23/2018
Chen Chen	04/23/2018
Beibei Wang	04/23/2018
Zoltan Safar	04/23/2018
Yi Han	04/23/2018
Hung-Quoc Duc Lai	04/23/2018
K. J. Ray Liu	04/23/2018

RECEIVING PARTY DATA

Name:	ORIGIN WIRELESS, INC.
Street Address:	7500 GREENWAY CENTER DRIVE, SUITE 1070
City:	GREENBELT
State/Country:	MARYLAND
Postal Code:	20770

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16060710

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (617) 542-5070
Email: apsi@fr.com
Correspondent Name: REX I. HUANG

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ATTORNEY DOCKET NUMBER:	37502-0029US1
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/

505403544 PATENT REEL: 048751 FRAME: 0556

DATE SIGNED:	04/01/2019	
Total Attachments: 10		
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PATENT REEL: 048751 FRAME: 0557

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, QINYI XU, FENG ZHANG, CHEN CHEN, BEIBEI WANG, ZOLTAN SAFAR, YI HAN, HUNG-QUOC DUC LAI, and K. J. RAY LIU, each individually assign to ORIGIN WIRELESS, INC., a corporation formed under the laws of Delaware and having a principal place of business at 7500 Greenway Center Drive, Suite 1070, Greenbelt, MD 20770, 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 "METHOD, APPARATUS, AND SYSTEMS FOR WIRELESS EVENT DETECTION AND MONITORING," and was filed in the United States Patent and Trademark Office on December 9, 2016, as application PCT/US2016/066015 (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.

Quy; Ch

Date: 4/23/2018

Witnessed by:

Signature: _____

Signature: Buki Wy

Date: 4/23/18

Print Name: <u>Beibei Wang</u>

Date: 4123/18

Print Name: YT HAW

Feng Zhang	Date: 04.23.2018
Witnessed by:	
Signature: Beiki Wy	Date: $\frac{4/23/18}{}$
Print Name: Bebei Warg	
Signature: 4	Date: 4123/18
Print Name: YI HAN	

Assignment Page 3 of 10

Chen Chen

Date: 4/23/R

Print Name: YI HAN

Assignment Page 4 of 10

Bethe Wy	Date: 4/23/18
Beibei Wang	
Witnessed by:	
Signature:	Date: 4 12 3/18
Print Name: YI HAN	

Date: 04.23.208.

Print Name: Feng Zhang

Signature: Fy 2k

Zoldon Safar Date: 04. 13.18.

Witnessed by:

Signature: <u>Beiki W</u> Date: 4/ 23/18

Print Name: Beibei Wang
Signature: Date: 04/23/18

Print Name: YT HAW

Assignment Page 6 of 10

Yi Han

Witnessed by:

Signature: Beilar Wy

Print Name: Beilar Wang

Signature: Fas Zh

Date: 04.23.2018

Print Name: Fong Zhang

Hung-Quoc Duc Lai	Date: 64/23/2018
Witnessed by:	
Signature: <u>Beiki W</u>	Date: 4/23/2018
Print Name: Beibei Wong	
Signature:	Date: 04/23/18
Print Name: YT MW	

Assignment Page 8 of 10

K. J. Ray Liu

Date: 4/25/18

Witnessed by:

Signature: Bok Wy

Date: 4/23/18

Print Name: Beibei Wang

Signature: ____

Date: 04(2)/18

Print Name: YI HAN

Assignment Page 9 of 10

The Assignee hereby acknowledges and accepts the	foregoing assignment.
Assignee: ORIGIN WIRELESS, INC.	
Signature: <u>Reski Wy</u>	Date:4/23/18
Name: Beibei Wang	
Title: Chief Scientist	
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Assignment Page 10 of 10

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RECORDED: 04/01/2019