

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SOUTHEAST UNIVERSITY	04/04/2018
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<b>Postal Code:</b>	518129
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9462599
Patent Number:	8767671
Patent Number:	8737347
Patent Number:	8947996
Patent Number:	8139669
Patent Number:	8107546
Patent Number:	8311142
Patent Number:	8654879
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<b>SIGNATURE:</b>	/Shuang Liu/

PATENT

<b>DATE SIGNED:</b>	04/09/2018
<b>Total Attachments: 2</b> source=US assignment#page1.tif source=US assignment#page2.tif	

### Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, ***SOUTHEAST UNIVERSITY having office at NO. 2 SIPAILOU, XUANWU, NANJING, JIANGSU 210096, CHINA*** (“Assignor”), hereby:

sell, assign, transfer and convey unto ***Huawei Technologies Co., Ltd., having office at Administration Building, Bantian, Longgang District, Shenzhen, P.R. China*** (“Assignee”), and its successors, all rights, title and interest that exist today and may exist in the future in and to all of the following:

(A) all (a) provisional patent applications, patent applications and patents listed below; (b) patents or patent applications (i) to which any of the foregoing directly or indirectly claims priority, and/or (ii) for which any of the foregoing or the following directly or indirectly forms a full or partial basis for priority; (c) reissues, reexaminations, extensions, continuations, substitutions, continuing prosecution applications, requests for continuing examinations and divisions of any item in the foregoing categories (a) and (b); and (d) foreign patents, patent applications and counterparts, including international and regional applications, relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (the “Transferred Patents”);

(B) Inventions, invention disclosures and discoveries described in any of the Transferred Patents;

(C) Rights to apply in any or all countries of the world for any of the Transferred Patents and the inventions, invention disclosures and discoveries therein;

(D) Causes of action (whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, any of the Transferred Patents, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and

(E) Rights to collect royalties or other payments under or on account of any of the Transferred Patents and/or any of the foregoing.

Country	App No.	Grant Date	Patent No.
United States of America	14232193	04 Oct 2016	9462599
United States of America	13395637	01 Jul 2014	8767671
United States of America	13497150	27 May 2014	8737347
United States of America	13574773	03 Feb 2015	8947996
United States of America	12225892	20 Mar 2012	8139669
United States of America	12225908	31 Jan 2012	8107546

United States of America	12095194	13 Nov 2012	8311142
United States of America	13387308	18 Feb 2014	8654879

AND Assignor hereby agree to execute without further consideration any further documents and instruments which may be lawful and proper in the prosecution of the Transferred Patents, and which may be desirable or necessary to secure to Assignee its rights, title and interest in and to said Patents;

AND Assignor hereby authorize the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other governmental grants or issuances that may be granted upon any of the Transferred Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives and will be binding upon Assignor, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at \_\_\_\_

Nanjing On the date of April 4, 2018.

ASSIGNOR

By: \_\_\_\_\_

Name: 孙岳明 (东南大学)

Title: 科研院常务副院长



*[Handwritten signature of Sun Yueming]*