

## 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>
HARYA WICAKSANA	03/16/2018
ZHAN YU	03/16/2018
RUI YU	03/19/2018
THENG TEE YEO	03/19/2018
CHANGQING XU	03/16/2018
XUESONG CHEN	03/16/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HUAWEI INTERNATIONAL PTE. LTD.
<b>Street Address:</b>	51, CHANGI BUSINESS PARK CENTRAL 2
<b>Internal Address:</b>	#07-08, THE SIGNATURE
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	486066
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15926696
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 1:</b>	TWO PRUDENTIAL PLAZA, SUITE 4900
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601-6731
<b>ATTORNEY DOCKET NUMBER:</b>	HW728128
<b>NAME OF SUBMITTER:</b>	MARALEA ACHACOSO
<b>SIGNATURE:</b>	/Maralea Achacoso/
<b>DATE SIGNED:</b>	03/21/2018

PATENT

**Total Attachments: 2**

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**PATENT**

Attorney Docket No. HW728128  
Client Reference No. 84625887US07

**ASSIGNMENT**

**WHEREAS, WE,**

Harya Wicaksana  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore and

Zhan Yu  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore and

Rui YU  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore and

Theng Tee YEO  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore and

Changqing Xu  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore and

Xuesong CHEN  
15A, Changi Business Park  
Central 1, #03-03, Singapore  
486035, Singapore

have invented and own a certain invention entitled:

**APPARATUS AND METHOD FOR DIRECT RADIO FREQUENCY (RF) SAMPLING IN NEAR FIELD COMMUNICATION (NFC) DEVICES**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_ and  
March 20, 2018 15/926,696

**WHEREAS**, Huawei International Pte. Ltd., 15A, Changi Business Park Central 1, #03-03, Singapore 486035, Singapore, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

In re Appln. of Wicaksana et al.  
Attorney Docket No. HW728128


**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set

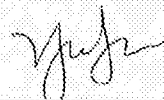
forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

**IN WITNESS WHEREOF**, We have hereunder set our hands on the dates shown below.

Date March 16, 2018

  
\_\_\_\_\_  
Harya Wicaksana

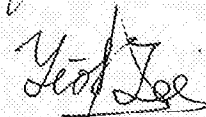
Date March 16, 2018

  
\_\_\_\_\_  
Zhan Yu

Date March 19, 2018

  
\_\_\_\_\_  
Rui YU

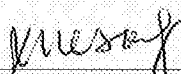
Date Mar 19, 2018

  
\_\_\_\_\_  
Theng Tee YEO

Date 16th Mar 2018

  
\_\_\_\_\_  
Changqing Xu

Date March 16, 2018

  
\_\_\_\_\_  
Xucsong CHEN