

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHICHAO HUA	09/11/2018
YUBIN XIA	09/11/2018
HAIBO CHEN	09/11/2018
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16043124
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ATTORNEY DOCKET NUMBER:	088963-1096064 (024900US)
NAME OF SUBMITTER:	LILY SUN
SIGNATURE:	/Lily Sun/
DATE SIGNED:	11/07/2018
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, WE,

Zhichao Hua
3-403, Software Building,
Software School, JiaoTong
University, 800 Dongchuan Road,
Shanghai 200240, China; and

Yubin Xia
3-403, Software Building,
Software School, JiaoTong
University, 800 Dongchuan Road,
Shanghai 200240, China; and

Haibo Chen
3-403, Software Building,
Software School, JiaoTong
University, 800 Dongchuan Road,
Shanghai 200240, China.

have invented and own a certain invention entitled:
**EXECUTION ENVIRONMENT VIRTUALIZATION METHOD AND APPARATUS AND
VIRTUAL EXECUTION ENVIRONMENT ACCESS METHOD AND APPARATUS**
for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 2018-07-23, under U.S. Application No. 16043124 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building
Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA,; 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.

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

In re Appln. of Hua et al.
Attorney Docket No. 088963-1096064 (024900US)

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 Sep. 11. 2018

Zhichao Hua
Zhichao Hua

Date Sep. 11. 2018

Yubin Xia
Yubin Xia

Date Sep. 11. 2018

Haibo Chen
Haibo Chen