

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2763901

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ADDRESS OF APPLICANT - NATIONAL UNIVERSITY OF SINGAPORE - previously recorded on Reel 032375 Frame 0826. Assignor(s) hereby confirms the CITY WAS INCORRECTLY IDENTIFIED AS - QUEENSTOWN -.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MIHAI PRICOPI	03/05/2014
ZHIGUO GE	03/06/2014
YUAN YAO	03/06/2014
TULIKA MITRA	03/06/2014
NAXIN ZHANG	03/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Huawei Technologies Co., Ltd.
<b>Street Address:</b>	Huawei Administration Building
<b>Internal Address:</b>	Bantian, Longgang District
<b>City:</b>	Shenzhen, Guangdong
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518129
<b>Name:</b>	NATIONAL UNIVERSITY OF SINGAPORE
<b>Street Address:</b>	21 LOWER KENT RIDGE ROAD
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	119077
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14183238
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	312-616-5600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER, LTD.
<b>Address Line 1:</b>	TWO PRUDENTIAL PLAZA, SUITE 4900
<b>PATENT</b>	

<b>Address Line 2:</b>	180 N. STETSON AVENUE
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60601-6731

<b>ATTORNEY DOCKET NUMBER:</b>	HW715950
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<b>NAME OF SUBMITTER:</b>	JOHN B. CONKLIN
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<b>SIGNATURE:</b>	/John B. Conklin/
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<b>DATE SIGNED:</b>	03/12/2014
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**Total Attachments: 6**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2757745

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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## CONVEYING PARTY DATA

Name	Execution Date
MIHAI PRICOP	03/05/2014
ZHIGUO GE	03/06/2014
YUAN YAO	03/06/2014
TULIKA MITRA	03/06/2014
NAXIN ZHANG	03/05/2014

## RECEIVING PARTY DATA

Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129

Name:	NATIONAL UNIVERSITY OF SINGAPORE
Street Address:	21 LOWER KENT RIDGE ROAD
City:	QUEENSTOWN
State/Country:	SINGAPORE
Postal Code:	119077

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14183238

## CORRESPONDENCE DATA

Fax Number: (312)616-5700  
 Phone: 312-616-5600  
 Email: assignments@leydig.com

ASSIGNMENT

WHEREAS, WE,

Mihai Pricopi	Zhiguo GE
21 Lower Kent Ridge	Singapore-20 Science Park Road,
Road, 119077, SG; and	#02-06/10, Teletch Park,
	Singapore Science Park II.; and

Yuan YAO	Tulika Mitra
21 Lower Kent Ridge	21 Lower Kent Ridge
Road, 119077, SG; and	Road, 119077, SG; and

Naxin ZHANG  
Singapore-20 Science Park Road,  
#02-06/10, Teletch Park,  
Singapore Science Park II.;

have invented and own a certain invention entitled:  
**FUSIBLE AND RECONFIGURABLE CACHE ARCHITECTURE**  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 18 Feb 2014, under U.S. Application No. 14183238 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration  
Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, and National  
University of Singapore of 21 Lower Kent Ridge Road hereinafter referred to as Assignee, are  
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.

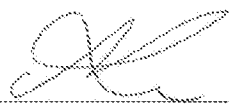
WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing  
date and application number of the application if the date and number are unavailable at the  
time this document is executed.

In re Appln. of Pricopi et al.  
Attorney Docket No. HW715950

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 05.03.2014

  
Mihai Pricopi

Date \_\_\_\_\_

Zhiguo GE

Date \_\_\_\_\_

Yuan YAO

Date \_\_\_\_\_

Tulika Mitra

Date \_\_\_\_\_

Naxin ZHANG

In re Appln. of Pricopi et al.  
Attorney Docket No. HW715950

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

Date \_\_\_\_\_

\_\_\_\_\_  
Mihai Pricopi

Date 06/03/2014 \_\_\_\_\_

\_\_\_\_\_  
*Zhiguo GE*  
Zhiguo GE

Date \_\_\_\_\_

\_\_\_\_\_  
Yuan YAO

Date \_\_\_\_\_

\_\_\_\_\_  
Tulika Mitra

Date \_\_\_\_\_

\_\_\_\_\_  
Naxin ZHANG

In re Appln. of Pricopi et al.  
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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date \_\_\_\_\_

\_\_\_\_\_  
Mihai Pricopi

Date \_\_\_\_\_

\_\_\_\_\_  
Zhiguo GE

Date 6 March 2014

Yuan YAO  
Yuan YAO

Date 6 MARCH 2014

Tulika Mitra  
Tulika Mitra

Date \_\_\_\_\_

\_\_\_\_\_  
Naxin ZHANG

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 \_\_\_\_\_  
Mihai Pricopi

Date \_\_\_\_\_  
Zhiguo GE

Date \_\_\_\_\_  
Yuan YAO

Date \_\_\_\_\_  
Tulika Mitra

Date 3/5/2014  
  
Naxin ZHANG