

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3320274

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHUCHENG LIU	04/13/2015
RECEIVING PARTY DATA		
Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	HUAWEI ADMINISTRATION BUILDING	
Internal Address:	BANTIAN, LONGGANG DISTRICT, GUANGDONG	
City:	SHENZHEN	
State/Country:	CHINA	
Postal Code:	518129	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14692473
CORRESPONDENCE DATA		
Fax Number:	(312)321-4299	
<i>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.</i>		
Phone:	3123214200	
Email:	brinkshuawei@brinksgilson.com, usassignments@brinksgilson.com	
Correspondent Name:	GUSTAVO SILLER, JR.	
Address Line 1:	BRINKS GILSON & LIONE	
Address Line 2:	PO BOX 10395	
Address Line 4:	CHICAGO, ILLINOIS 60610	
ATTORNEY DOCKET NUMBER:	13674-1478	
NAME OF SUBMITTER:	GUSTAVO SILLER, JR.	
SIGNATURE:	/Gustavo Siller, Jr./	
DATE SIGNED:	04/21/2015	
Total Attachments: 3		
source=Recordation#page1.tif		
source=Recordation#page2.tif		
source=Recordation#page3.tif		

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

1. Name of conveying Party(ies):

SHUCHENG LIU / APRIL 13, 2015

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of Conveyance/Execution Date(s):**Execution Date(s): April 13, 2015

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other: _____ | |

2. Name and Address of receiving Party(ies):

Name: HUAWEI TECHNOLOGIES CO. LTD.

Address: Huawei Administration Building

Address: Bantian, Longgang District

City: Shenzhen

State: Guangdong

Country: P.R. China Zip: 518129

Additional name(s) and addresses attached? ☐ Yes ☒ No**4. Application or Patent Number(s).**☒ This document is being filed together with a new application.A. Patent Application No.(s):
14/692,473

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**

BRINKS GILSON & LIONE
PO BOX 10395
CHICAGO, IL 60610
Phone: (312) 321-4200
Fax: (312) 321-4299

6. Total no. of applications & patents involved: 1**7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 0**

- ☐ Authorize charge by credit card
☐ Authorize charge to Deposit Account No. 23-1925
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date
- b. ☒ Charge fee and/or any Deficiencies to Deposit
Account Number 23-1925
Authorized User Name: Brinks Gilson & Lione

9. Signature: /Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

April 21, 2015

Date

Total no. of pages including coversheet,
attachments and documents: 3

**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450**

ASSIGNMENT

WHEREAS, I,

Shucheng LIU
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, 518129, Guangdong,
P.R. China

have invented and own a certain invention entitled:
METHOD FOR ACQUIRING CONTENT, USER EQUIPMENT AND CACHE NODE
for which invention I have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on April 21, 2015, under U.S. Application No. 14/692,473, and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of 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, I 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 I 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.

I 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.

I DO HEREBY COVENANT and agree with the Assignee that I will not execute any
writing or do any act whatsoever conflicting with the terms of this assignment document set
forth herein, and that I 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 re Appln. of Liu .
Attorney Docket No. 13674-1478

IN WITNESS WHEREOF, I have hereunder set my hand on the dates shown below.

Date April 13. 2015

Shucheng LIU.
Shucheng LIU