PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUAWEI TECHNOLOGIES CO.,LTD.	08/21/2018

RECEIVING PARTY DATA

Name:	HUAWEI SOFTWARE TECHNOLOGIES CO., LTD.
Street Address:	YUHUATAI ZONE SOFTWARE AVENUE NO.101 THE HUAWEI NANJING BASE
City:	NANJING
State/Country:	CHINA
Postal Code:	210012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15430055

CORRESPONDENCE DATA

Fax Number: (469)277-5901

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.

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Correspondent Name: HUAWEI TECHNOLOGIES CO., LTD.

Address Line 1: BUILDING G1-2, HUAWEI INDUSTRIAL BASE,

Address Line 2: BANTIAN,LONGGANG DISTRICT

Address Line 4: SHENZHEN, CHINA 518129

ATTORNEY DOCKET NUMBER:	84144584US04
NAME OF SUBMITTER:	SHUANG LIU
SIGNATURE:	/Shuang Liu/
DATE SIGNED:	08/21/2018

Total Attachments: 1

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PATENT 505051839 REEL: 046860 FRAME: 0759

ASSIGNMENT AGREEMENT

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter referred to as "Assignor" is the owner of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CACHE CONTENT HIT METHOD AND COMMUNICATIONS SYSTEM

Filing Date: 2/10/2017 Application No.: 15430055

WHEREAS, HUAWEI SOFTWARE TECHNOLOGIES CO., LTD., a corporation of China, located at Yuhuatai Zone Software Avenue No. 101 the Huawei Nanjing base, Nanjing, 210012, Jiangsu, P.R. China, hereinafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable considerations, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility mode and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

This ASSIGNMENT AGREEMENT is hereby agreed by both Assignee and Assignor, and comes into effect on the date when the Assignce signs this ASSIGNMENT AGREEMENT, or the date when the Assignor signs This ASSIGNMENT AGREEMENT, whichever is later.

For and on behalf of Assignor by: Jian Yu Date: 2018. 8.2

Title: Supervisor of Process & Operations Dept.

For and on behalf of Assignee by:

Date: 2018.8.2

Title: President of HUAWEI SO TWARE TECHNOLOGIES CO., LTD.

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PATENT

REEL: 046860 FRAME: 0760