

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4515074

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELIEZER LEVY	06/21/2017
ZHIBIAO CHEN	06/28/2017
USAMA DAR	07/18/2017
AHARON AVITZUR	07/18/2017
SHAY GOIKHMAN	07/05/2017
ANTONI WOLSKI	06/28/2017
<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
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518129
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15656404
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	
<b>Phone:</b>	972-731-2288
<b>Email:</b>	dallaspatents@dfw.conleyrose.com
<b>Correspondent Name:</b>	GRANT RODOLPH
<b>Address Line 1:</b>	5601 GRANITE PARKWAY, SUITE 500
<b>Address Line 4:</b>	PLANO, TEXAS 75024-6616
<b>ATTORNEY DOCKET NUMBER:</b>	4576-47900 (83986912US04)
<b>NAME OF SUBMITTER:</b>	GAYATRY S. NAIR
<b>SIGNATURE:</b>	/Gayatry S. Nair/
<b>DATE SIGNED:</b>	07/21/2017

**Total Attachments: 7**

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**ASSIGNMENT**

**WHEREAS, WE,**

Eliezer Levy  
Huawei Technologies Duesseldorf  
GmbH, Riesstr. 25, München,  
Germany, 80992; and

Zhibiao Chen  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R.CHINA; and

Usama Dar  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R.CHINA; and

Aharon Avitzur  
Huawei Technologies Duesseldorf  
GmbH, Riesstr. 25, München,  
Germany, 80992; and

Shay Goikhman  
Huawei Technologies Duesseldorf  
GmbH, Riesstr. 25, München,  
Germany, 80992; and

Antoni Wolski  
Gesterborgintie 4 D23,  
Kirkkonummi, Finland, 00510.

have invented and own a certain invention entitled:  
METHOD, APPARATUS AND DATA STRUCTURE FOR COPYING VALUES OF A  
TABLE OF A DATABASE  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on July 21, 2017, under U.S. Application No. 15/656,404 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.

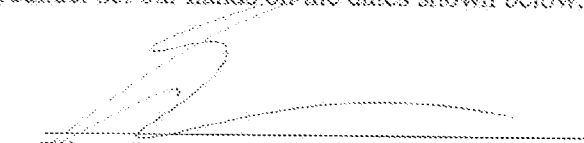
**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing  
date and application number of the application if the date and number are unavailable at the  
time this document is executed.

In re Appln. of Levy et al.  
Attorney Docket No. 4576-47900

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 2017-06-21

  
Eliezer Levy

Date \_\_\_\_\_

Zhibiao Chen

Date \_\_\_\_\_

Usama Dar

Date \_\_\_\_\_

Aharon Avitzur

Date \_\_\_\_\_

Shay Goikhman

Date \_\_\_\_\_

Antoni Wolski

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

Date \_\_\_\_\_  
Eliezer Levy

Date 2017-6-28  
Zhibiao Chen  
Zhibiao Chen

Date \_\_\_\_\_  
Usama Dar

Date \_\_\_\_\_  
Aharon Avitzur

Date \_\_\_\_\_  
Shay Goikhman

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

Date \_\_\_\_\_  
Eliezer Levy

Date \_\_\_\_\_  
Zhibiao Chen

Date Jul 18, 2017  
Usama Dar

Date \_\_\_\_\_  
Aharon Avitzur

Date \_\_\_\_\_  
Shay Goikhman

Date \_\_\_\_\_  
Antoni Wolski

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\_\_\_\_\_  
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Date \_\_\_\_\_

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Eliezer Levy

Date \_\_\_\_\_  
Zhibiao Chen

Date \_\_\_\_\_  
Usama Dar

Date \_\_\_\_\_  
Aharon Avitzur

Date 7/5/2017  
Shay Goikhmah

Date \_\_\_\_\_  
Antoni Wolski



In re Appln. of Levy et al.  
Attorney Docket No. 4576-47900

**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.

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Aharon Avitzur

Date \_\_\_\_\_  
Shay Goikhman

Date 2017-06-28  
  
Antoni Wolski