

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7371301

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|---|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the LAST NAME OF INVENTOR XIANG LIU previously recorded on Reel 059949 Frame 0722. Assignor(s) hereby confirms the ASSIGNMENT. |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| XIANG LIU | 12/18/2020 |
| YANSI LE | 05/10/2021 |
| ZHIYONG FENG | 04/29/2022 |
| 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 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17181760 |
| CORRESPONDENCE DATA | |
| Fax Number: | (312)616-5700 |
| <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: | (312) 616-5600 |
| Email: | assignments@leydig.com |
| Correspondent Name: | LEYDIG, VOIT & MAYER, LTD. |
| Address Line 1: | TWO PRUDENTIAL PLAZA, SUITE 4900 |
| Address Line 2: | 180 NORTH STETSON AVENUE |
| Address Line 4: | CHICAGO, ILLINOIS 60601-6731 |
| ATTORNEY DOCKET NUMBER: | HW752799 |
| NAME OF SUBMITTER: | KAJAL AMIN |
| SIGNATURE: | /Kajal Amin/ |
| DATE SIGNED: | 06/08/2022 |
| Total Attachments: 9 | |

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source=752799-US-17-181760 5-19 Assignment#page10.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7337665

| | |
|---|----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| XIANG LIU | 12/18/2020 |
| YANSI LE | 05/10/2021 |
| ZHIYONG FENG | 04/29/2022 |
| 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 |
| PROPERTY NUMBERS Total: 1 | |
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| Address Line 4: | CHICAGO, ILLINOIS 60601-6731 |
| ATTORNEY DOCKET NUMBER: | HW752799 |
| NAME OF SUBMITTER: | KAJAL AMIN |
| SIGNATURE: | /Kajal Amin/ |
| DATE SIGNED: | 05/18/2022 |
| Total Attachments: 6 | |
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| source=Assignment#page2.tif | |

ASSIGNMENT

WHEREAS, WE,

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

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

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

Zhiyong Feng
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R.CHINA;

have invented and own a certain invention entitled:

SIGNAL PROCESSING METHOD AND APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on _____, under U.S. Application No. _____ and
February 22, 2021 17/181,760

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 to

In re Appln. of Zhou et al.
Attorney Docket No. HW752799

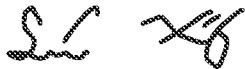
perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, 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 _____

Xu Zhou

Date 12/18/2020 _____



Xiang Liu

Date _____

Yansi Le

Date _____

Zhiyong Feng

ASSIGNMENT

WHEREAS, WE,

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

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

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

Zhiyong Feng
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R.CHINA;

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for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2021-02-22, under U.S. Application No. 17181760 and

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In re Appln. of Zhou et al.
Attorney Docket No. HW752799

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 _____

Xu Zhou

Date _____

Xiang Liu

Date 2021.05.10

Yansi Le
Yansi Le

Date _____

Zhiyong Feng

PATENT

Attorney Docket No. HW752799
Client Reference No. 85742942US04

ASSIGNMENT

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

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

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

Date _____

Xu Zhou

Date _____

Xiang Liu

Date _____

Yansi Le

Date 2022.4.28

Zhiyong Feng
Zhiyong Feng