

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3818345

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|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| MARCUS MÜLLER | 03/22/2016 |
| CHRISTIAN RIECHERT | 03/23/2016 |
| INGO FELDMANN | 03/22/2016 |
| SHAN GAO | 03/23/2016 |
| YADONG LU | 03/23/2016 |

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: | FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. |
| Street Address: | HANSASTR. 27C |
| City: | MUNICH |
| State/Country: | GERMANY |
| Postal Code: | 80686 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14981571 |

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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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Address Line 2: 180 NORTH STETSON AVENUE

PATENT

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|--|------------------------------|
| Address Line 4: | CHICAGO, ILLINOIS 60601-6731 |
| ATTORNEY DOCKET NUMBER: | HW722373 |
| NAME OF SUBMITTER: | EUNICE RUIZ |
| SIGNATURE: | /Eunice Ruiz/ |
| DATE SIGNED: | 04/06/2016 |
| Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif | |

ASSIGNMENT

WHEREAS, WE,

Marcus Müller
Hansastr. 27c, 80686 Munich
Germany; and

Christian Riechert
Hansastr. 27c, 80686 Munich
Germany; and

Ingo Feldmann
Hansastr. 27c, 80686 Munich
Germany; and

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

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

have invented and own a certain invention entitled:

IMAGE REGISTRATION METHOD AND APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 28 Dec 2015, under U.S. Application No. 14981571 and

WHEREAS,

**Huawei Technologies Co., Ltd., of Huawei Administration Building, Bantian,
Longgang District, Shenzhen, 518129, Guangdong, P.R. China
and**

**FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER
ANGEWANDTEN FORSCHUNG E.V., of Hansastr. 27c, 80686 Munich Germany,**

hereinafter referred to as Assignees, 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 Assignees and the Assignees' legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States 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

In re Appln. of Müller et al.
Attorney Docket No. HW722373

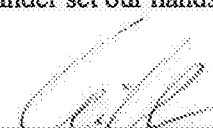
invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignees agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignees 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 Assignees 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 Assignees, execute such additional assignments and other writings and do such additional acts as the Assignees may deem necessary or desirable to perfect the Assignees' 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 22.03.16




Marcus Müller

Date 23.3.2016



Christian Riechert

Date 22.03.16



Ingo Feldmann

Date _____

Shan GAO

Date _____

Yadong LU

In re Appln. of Müller et al.
Attorney Docket No. HW722373

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 Assignees agreeably with the terms of this assignment document.

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