504491542 08/07/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMA PAPADHIMITRI	06/26/2017
ONAY URFALIOGLU	06/26/2017
HECTOR NAVARRO FRUCTUOSO	07/03/2017
JACEK KONIECZNY	06/26/2017

RECEIVING PARTY DATA

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Internal Address:	Bantian, Longgang District	
City:	Shenzhen, Guangdong	
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Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15655841

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ATTORNEY DOCKET NUMBER:	HW728979
NAME OF SUBMITTER:	JOHN B. CONKLIN
SIGNATURE:	/John B. Conklin/
DATE SIGNED:	08/07/2017

Total Attachments: 2

PATENT REEL: 043216 FRAME: 0015

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PATENT REEL: 043216 FRAME: 0016

Attorney Docket No. <u>HW728979</u> Client Reference No. 84442901US04

ASSIGNMENT

WHEREAS, WE,

Thoma Papadhimitri Onay Urfalioglu

Huawei Technologies Duesseldorf Huawei Technologies Duesseldorf

GmbH, European Research Center, Riesstr. 25, 80992 München, Germany; and
GmbH, European Research Center, Riesstr. 25, 80992 München, Germany; and

Hector Navarro Fructuoso Jacek Konieczny

Huawei Technologies Duesseldorf Huawei Technologies Duesseldorf

GmbH, European Research
Center, Riesstr. 25, 80992
München, Germany; and
GmbH, European Research
Center, Riesstr. 25, 80992
München, Germany.

have invented and own a certain invention entitled:

An image processing apparatus and method

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 July 20, 2017 15/655.841

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

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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_	26.6.2017	How Topolo — Thoma Papadhimitri
Date_	26.6.2017	- Maria rapadininus
Date_	03.07.2917	Onay Urfalioglu
Date	76-06-2017	Hector Navarro Fructuoso Jacob Konieczny