504722675 01/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4769398

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the FIRST INVENTOR'S NAME FROM SIXIN LIIN TO SIXIN LIN previously recorded on Reel 044562 Frame 0410. Assignor(s) hereby confirms the FIRST INVENTOR'S NAME SHOULD READ SIXIN LIN.

CONVEYING PARTY DATA

Name	Execution Date
SIXIN LIN	12/26/2012
MINGYUAN YANG	12/28/2012
HAOPING YU	12/25/2012
JIANTONG ZHOU	12/26/2012
CUNBIN PAN	12/26/2012

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	Huawei Administration Building	
Internal Address:	Bantian, Longgang District	
City:	Shenzhen	
State/Country:	CHINA	
Postal Code:	518129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15864493

CORRESPONDENCE DATA

Fax Number: (972)731-2289

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.

Phone: 972-731-2288

Email: dallaspatents@dfw.conleyrose.com

Correspondent Name: GRANT RODOLPH

Address Line 1: 5601 GRANITE PARKWAY, SUITE 500

Address Line 4: PLANO, TEXAS 75024-6616

ATTORNEY DOCKET NUMBER: 4657-06300 (82911983US03)	
NAME OF SUBMITTER:	NICHOLAS K. BEAULIEU
SIGNATURE:	/Nicholas K. Beaulieu/

PATENT REEL: 045036 FRAME: 0505

DATE SIGNED:	01/10/2018
Total Attachments: 15	
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PATENT REEL: 045036 FRAME: 0506

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4764937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIXIN LIIN	12/26/2012
MINGYUAN YANG	12/28/2012
HAOPING YU	12/25/2012
JIANTONG ZHOU	12/26/2012
CUNBIN PAN	12/26/2012

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

	Property Type	Number
***************************************	Application Number:	15864493

CORRESPONDENCE DATA

Fax Number:

(972)731-2289

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.

Phone:

972-731-2288

Email:

dallaspatents@dfw.conleyrose.com

Correspondent Name:

GRANT RODOLPH

Address Line 1:

5601 GRANITE PARKWAY, SUITE 500

Address Line 4:

PLANO, TEXAS 75024-6616

ATTORNEY DOCKET NUMBER: 4657-06300 (82911983US06)	
NAME OF SUBMITTER:	NICHOLAS K. BEAULIEU
003003354 3 633 3900 x	/Nicholas K. Beaulieu/
DATE SIGNED:	01/08/2018
Total Attachments: 6	

PATENT REEL: 045036 FRAME: 0507

Attorney Docket No. 4657-06300 Client Reference No. 82911983USO3

ASSIGNMENT

WHEREAS, WE,

Sixin LIN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong PR, CHINA; and

Haoping YU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, \$18129, Guangdong
P.R. CHINA; and

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

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

have invented and own a certain invention entitled;

Method and Device for Generating a Predicted Value of An Image

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 01/08/2018, under U.S. Application No. 15/864,493 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of 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.

1

In re Apple, of Lin et al. Attorney Docket No. 4657-06300

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 sud obtaining original, continuation, continuation-in-part, divisional, reissued, researmined, 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 <u> </u>	Six Andrews
Date <u>Dec 26, 2012</u>	Xu Yang Do Witness
Date <u>Dex 26 22 I</u>	Witness Log
Date	Mingyuun YANG
Date	Witness
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within	in the state of th
Date	Haoping YU
Date	Witness
Date	Witness

In re Applin, of Lin et al. Attorney Docket No. 4657-06300

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

Date	Sixin LIN
Date	Witness
Date	Witness
,	***************************************
Date 2012 12 - 28	Menguan VANG
Date	Jun ming ZHOU Witness
Date 2412 1 12 1 2 3	<u> </u>
	**
Date	327.7 327.7
Date	Haoping YU
Date	Witness

In re Appln. of Lin et al. Attorney Docket No. 4657-06300

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.

Uste	Sixin LIN
Date	Witness
Date	Witness
Date	Mingyuan YANG
Date	Witness
Date	Witness
Date DEC. 25, 2012	LASS VI Haoping VII
Date Dec VI, 1012	Liwen LONG
Date Dec 25, 2012	Winess L

In re Appin. of Lin et al. Aftorney Docket No. 4657-06300

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Date	Cunbin PAN
Date	Witness
Date	Witness

In re Applin, of Lin et al. Attorney Docket No. 4657-96300

Date	Jiantong ZHOU
Date	Witness
Date	Witness
en in the second	
Date <u>Vez. 76, 70/2</u>	Carbin PAN Cumbin PAN
Date Dec. 26. 2012	Cons XU Witness
Date <u>Dec : 26, 2012</u>	Qiacyen ZHAO Witness