

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dafeng TIAN</td> <td>04/19/2012</td> </tr> <tr> <td>Zhiyu XIAO</td> <td>04/19/2012</td> </tr> <tr> <td>Xiaogeng XU</td> <td>04/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dafeng TIAN	04/19/2012	Zhiyu XIAO	04/19/2012	Xiaogeng XU	04/19/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>518129</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd.	Street Address:	Huawei Administration Building	Internal Address:	Bantian, Longgang District	City:	Shenzhen, Guangdong	State/Country:	CHINA	Postal Code:	518129
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CORRESPONDENCE DATA													
<p>Fax Number: (312)616-5700 Phone: 312-616-5600 Email: assignments@leydig.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Leydig, Voit & Mayer, Ltd. Address Line 1: Two Prudential Plaza, Suite 4900 Address Line 2: 180 N. Stetson Avenue Address Line 4: Chicago, ILLINOIS 60601-6731</p>													
ATTORNEY DOCKET NUMBER:	HW710278												
NAME OF SUBMITTER:	John B. Conklin												
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif													

CH \$40.00 13453696

PATENT

Attorney Docket No. HW710278
Client Reference No. 81357394US06

ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:

RECEIVING APPARATUS, SENDING APPARATUS, SYSTEM AND METHOD FOR
OPTICAL POLARIZATION DIVISION MULTIPLEXING

for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 04/23/2012, under U.S. Application No. _____ and

13/453,696

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.

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,

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 April 19, 2012 Dafeng TIAN
Dafeng TIAN

Date April 19, 2012 Meng Cai
Witness

Date April 19, 2012 Rui LV
Witness

Date April 19, 2012 Zhiyu Xiao
Zhiyu XIAO

Date April 19, 2012 Xiaodong Li
Witness

Date April 19, 2012 Jin Ma
Witness

Date _____
Xiaogeng XU

Date _____
Witness

Date _____
Witness

In re Appin, of Tian et al.
Attorney Docket No. HW710278

on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and in 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 representative of all parties hereto.

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

Date _____
Dafeng TIAN

Date _____
Witness

Date _____
Witness

Date _____
Zhiyu XIAO

Date _____
Witness

Date _____
Witness

Date Apr. 19. 2012
Xiaogeng XU
Xiaogeng XU

Date Apr. 19. 2012
Runxia Yue
Witness

Date Apr. 19. 2012
Zibo Zhao
Witness