

4/26/12

D7

FORM PTO-1595

©2011 Staas & Halsey LLP

To the Director of the U.S. Patent and Trademark Office: Please record the att...

OPAP
APR 26 2012
PATENT & TRADEMARK OFFICE

04/30/2012



103643814

RECORDATION FORM COVER SHEET
Patent and Trademark Office
PATENTS ONLY

- Name of conveying parties:
1) Shiquan WU 2) Bo WANG
3) Xiaolei SHAN
- Name and Address of receiving party:

HUAWEI TECHNOLOGIES CO., LTD.
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, 518129, Guangdong,
P.R., China
- Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____
Execution Date(s): 1) April 21, 2012; 2-3) April 13, 2012
- Application number(s) or patent number(s):
☐ This document is being filed together with a new application.
OR
☒ This document is being filed after filing of the application:
(a) Patent Application No(s). 13/455,311, filed April 25, 2012; or
(b) Patent No(s). _____
- Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP Our Docket: 2230.1180
Attention: Gene M. Garner, II
1201 New York Ave., N.W., 7th Floor
Washington, D.C. 20005
- Total number of applications and patents involved: 1
- Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
☒ Enclosed
☐ Authorized to be charged to credit card.
☐ Authorized to be charged to deposit account.
- Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
(Attach duplicate copy of this page if paying by deposit account)

Gene M. Garner, II, Reg. No. 34,172
Name of Person Signing

Signature

April 26 2012
Date

04/30/2012 LMARTIN 00000066 13455311

Total number of pages including cover sheet: 7

DO NOT USE THIS SPACE

PATENT

Attorney Docket No. _____
Client Reference No. 81358880US13

ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:
**METHOD AND DEVICE FOR RECOGNIZING OPTICAL SPLITTER AND OPTICAL
SPLITTER PORTS**
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

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,

PATENT

REEL: 028169 FRAME: 0633

In re Appln Of Wu et al.
Attorney Docket No. _____

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 Apr. 21, 2012

Shiquan Wu
Shiquan WU

Date Apr. 21, 2012

Jie Yang
Witness

Date Apr. 21, 2012

Liwei Ma
Witness

Date _____

Bo WANG

Date _____

Witness

Date _____

Witness

Date _____

Xiaolei SHAN

Date _____

Witness

Date _____

Witness

PATENT

Attorney Docket No. _____
Client Reference No. 81358880US13

ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:
METHOD AND DEVICE FOR RECOGNIZING OPTICAL SPLITTER AND OPTICAL SPLITTER PORTS
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

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,

PATENT

REEL: 028169 FRAME: 0635

In re Appln. Of Wu et al.
Attorney Docket No. _____

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 _____
Shiquan WU

Date _____
Witness

Date _____
Witness

=====

Date Apr. 13, 2012 Bo WANG
Bo WANG

Date Apr. 13, 2012 Jinxing. ZHANG
Witness

Date Apr. 13, 2012 Biao. QI
Witness

=====

Date _____
Xiaolei SHAN

Date _____
Witness

Date _____
Witness

PATENT

Attorney Docket No. _____
Client Reference No. 81358880US13

ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:
**METHOD AND DEVICE FOR RECOGNIZING OPTICAL SPLITTER AND OPTICAL
SPLITTER PORTS**
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

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,

In re Appln. Of Wu et al.
Attorney Docket No. _____

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 _____

Shiquan WU

Date _____

Witness

Date _____

Witness

Date _____

Bo WANG

Date _____

Witness

Date _____

Witness

Date APR. 13, 2012

Xiaolei SHAN
Xiaolei SHAN

Date APR. 13, 2012

Xiaohui ZHAO
Witness

Date APR. 13, 2012

Xiaokang LI
Witness