PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Huangwei WU | 05/31/2011 |
| Qinliang ZHANG | 05/31/2011 |
| Ping FANG | 05/31/2011 |
| Yu ZHU | 05/31/2011 |

RECEIVING PARTY DATA

| Name: | HUAWEI DEVICE CO., LTD. | |
|-----------------|--|--|
| Street Address: | Building B2, Huawei Industrial Base, Bantian | |
| City: | Longgang District, Shenzhen, Guangdong, | |
| State/Country: | CHINA | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13161915 | |

CORRESPONDENCE DATA

Fax Number: (202)408-4400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-408-4000

Email: will.chen@finnegan.com

Correspondent Name: Huawei Technologies Co., Ltd./Finnegan

Address Line 1: 901 New York Avenue

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Address Line 4: Washington, DISTRICT OF COLUMBIA 20001

| ATTORNEY DOCKET NUMBER: | 11005.0505 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | R. CREMEANS |

Total Attachments: 6

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PATENT REEL: 026455 FRAME: 0155 JF \$40.00 13161915

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PATENT REEL: 026455 FRAME: 0156

ASSIGNMENT

WHEREAS, WE,

Huangwei WU Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA, and

Ping FANG Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA, and Qinliang ZHANG Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA, and

Yu ZHU Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA,

have invented and own a certain invention entitled:

| METHOD AND APPARATU | S FOR OBTAINING ANI | D REPORTING INSTA | NCE LABEL |
|---|------------------------------|---|-----------------|
| INFORMATION AND SYSTI | EM FOR PROCESSING IN | ISTANCE LABEL INFO | DRMATION |
| for which invention we have e | recuted an application (pro- | visional or non-provision | nal) for a U.S. |
| patent, which was filed on | , under U.S. App | dication No. | and , |
| P-44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4- | | -01444-0144-0144-0144-0144-0144-0144-01 | |

WHEREAS, HUAWEI DEVICE CO., LTD., of Building B2, Huawei Industrial Base, 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

PATENT REEL: 026455 FRAME: 0157

| ln | re | Appln. | of Wu | et | al. |
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| A | to | ney Do | cket N | O. | |

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: May 31, 2011 Date: 1/ ay 31, 2011 | Huangwei WU Zhiming DING Witness Glin Ming Shim Witness |
|--|---|
| Date May 31, 2011 | Qintiang ZHANG Qinliang ZHANG Zhiming DING Witness |
| Date May 31, 70/1 | Witness Witness Witness |

| Dalo May 31, 2011 | Ping FANG |
|--------------------|-------------------------|
| Date May 31, 2011 | Zhiming DING Witness |
| Date //ou 31. 701) | Witness Shu |

| In re Appln. of Wu et al. Attorney Docket No. | |
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| | |
| Date | Yu ZHU |
| Date | Witness |
| Date | Witness |
| | |

ASSIGNMENT

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Ping FANG Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA, and Qinliang ZHANG Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA, and

Yu ZHU Building B2, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. CHINA,

have invented and own a certain invention entitled:

| METHOD AND APPARATUS FOR OBTAINING AND REPORTING INSTAN | ICE LABEL |
|---|----------------|
| INFORMATION AND SYSTEM FOR PROCESSING INSTANCE LABEL INFO | RMATION |
| for which invention we have executed an application (provisional or non-provisional | il) for a U.S. |
| patent, which was filed on , under U.S. Application No | , and |

WHEREAS, HUAWEI DEVICE CO., LTD., of Building B2, Huawei Industrial Base, 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

| In re Appln. of Wu et al. |
|--|
| Attorney Docket No |
| 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 | |
|------|----------------|
| | Huangwei WU |
| Date | |
| | Witness |
| Date | TYTA |
| | Witness |
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| D-4 | |
| Date | Qinliang ZHANG |
| Date | |
| Date | Witness |
| Date | |
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| Data | |
| Date | Ping FANG |
| Date | |
| | Witness |
| Date | |
| | Witness |

| In re Appin, of Wu et al. Attorney Docket No. | |
|---|---------------------------|
| . | Yn 2hn |
| Date May 31, 2011 | Yu ZHU |
| Date May 31, 2011 | Zhi'ming DING- Witness |
| Date / May 31 701 | Witness |