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To the Director of the U.S. Patent and Trademark Office,

1. Name of conveying parties:

1) Hao WU
2) Mian HUANG

2. Name and Address of receiving party:

HUAWEI TECHNOLOGIES CO., LTD.
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R., China

3. Nature of conveyance:
X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other: _____
Execution Date(s): 1) November 11, 2012, 2) November 18, 2012

4. 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). 13/707,016, filed December 6, 2012; or
(b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP Our Docket: 2230.1249
Attention: Paul I. Kravetz
1201 New York Ave., N.W., 7th Floor
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. 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.

8. 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)

Paul I. Kravetz, Reg. No. 35,230
Name of Person Signing

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Signature Date 12-5-12

Total number of pages including cover sheet: 3

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Revised April, 2011

PATENT
Attorney Docket No. _____
Client Reference No. 83519911US03

ASSIGNMENT

WHEREAS, WE,

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

Mian HUANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
PROXY GATEWAY ANTI-VIRUS METHOD, PRE-CLASSIFIER, AND PROXY GATEWAY
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, 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

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

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 Nov 11, 2012 — Wu Hao
Hao WU

Date Nov 11, 2012 — HE Xinqian
Witness

Date Nov 11. 2012 — Xiao Han
Witness

==========

Date Nov. 18. 2012 — Huang Mian
Mian HUANG

Date Nov. 18. 2012 — Huang Xiaobo
Witness

Date Nov. 18. 2012 — Chen Lijian
Witness