

11-21-07

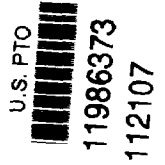
11-29-2007



103464824

PATENT

Docket No.: U 017093-6



**CERTIFICATION UNDER 37 CFR 1.10\***  
(Express Mail Label number is **mandatory**.)  
(Express Mail certification is optional.)

I hereby certify that this "Cover Sheet for Assignment (Document) Accompanying New Patent Application", along with any document referred to, is being deposited with the United States Postal Service on this date **NOVEMBER 21, 2007**, in an envelope as "Express Mail Post Office to Addressee", Mailing Label Number **EV 927 571 451 US**, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature of person mailing paper)

**GERALDINE MARTI**

(type or print name of person mailing paper)

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.10(b).  
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

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00140

PATENT TRADEMARK OF

**COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING**  
**NEW PATENT APPLICATION (37CFR 3.31)**

**IDENTIFICATION OF APPLICATION (37 CFR 3.21 and 37 CFR 3.31(A)(4))**

1. The patent application filed herewith and to which the attached assignment (document) refers is identified as follows:
  - a. Date of execution: NOVEMBER 14, 2007.
  - b. Name of each inventor:
    1. RENHAI ZHANG
  - c. Title of Invention: A METHOD FOR PROCESSING THE DISTRIBUTED PATH INFORMATION REQUEST

**Note:** "If an assignment is executed concurrently with, or subsequent to the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended." 37 CFR 3.21.

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**EXPRESS MAIL LABEL**  
**NO.: EV 927 571 451 US**

**PATENT**  
**REEL: 020176 FRAME: 0421**

**Name of Party(ies) Conveying Interest (37 CFR 3.31(a)(1))**

2. The party(ies) conveying this interest is (are):

1. RENHAI ZHANG

**Name and Address of Party(ies) Receiving Interest (37 CFR 3.31(a)(2))**

3. The rights are being conveyed to:

Name: HUAWEI TECHNOLOGIES CO., LTD.

Address: HUAWEI ADMINISTRATION BUILDING,  
BANTIAN, LONGGANG DISTRICT,  
SHENZHEN, GUANGDONG PROVINCE 518129  
CHINA (PEOP. R.)

**Description of Interest Conveyed or Transaction Recorded (37 CFR 3.31(a)(3))**

4. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a license.
- ☐ a merger
- ☐ a change of name.
- ☐ a change of address
- ☐ other.

**Name and Address of Party to Whom Correspondence Should be Mailed (37 CFR 3.31(a)(5))**

5. Please address correspondence to:

Name: Clifford J. Mass  
Address: Ladas & Parry LLP  
26 West 61 Street  
New York, NY 10023  
Telephone No.: (212) 708-1890

**Date Assignment (Document) Executed (37 CFR 3.31(a)(7))**

6. The attached assignment (document) was executed on NOVEMBER 14, 2007.

NOTE: " The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26

The attached document:

- ☒ is in the English language
- ☐ is not in the English language and a verified English translation signed by the individual making the translation is attached.

**Original Document or True Copy Submitted**

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

7. Submitted herewith is:

- ☒ the original document.
- ☐ a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in C.F.R. §3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

**Number of applications Identified in this Cover Sheet and the Fee (37 CFR 3.31(a)(6))**

8. A. This cover sheet identifies only one application:

B. The fee for recordal (37 CFR 1.21(h)) is \$40

- ☒ Attached is a check for \$40
- ☐ Please charge Account 12-0425 \$40  
A duplicate of this cover sheet is attached.

**Statement (37 CFR 3.31(a)(9)) and Signature (37 CFR 3.31(a)(10))**

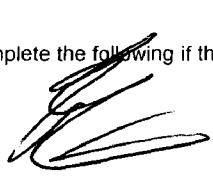
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: NOVEMBER 21, 2007

\_\_\_\_\_  
(Name of party submitting document)

\_\_\_\_\_  
(Signature of party submitting document)

(Complete the following if the party submitting the document is applicant's attorney)

 Reg No 25,858 for CJ Mass  
\_\_\_\_\_  
(Signature of attorney)

Reg. No. 30,086

Tel. No.: (212) 708-1890

Clifford J. Mass  
Ladas & Parry LLP  
26 West 61 Street  
New York, NY 10023

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

10. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

Number of pages submitted 6

Practitioner's Docket No. U 017093-6

**PATENT**

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: ☐ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

**ASSIGNOR:**

Inventor(s) or person(s) or entity(ies)  
who own the invention

Renhai ZHANG  
(type or print name(s) of ASSIGNOR(S))  
c/o HUAWEI ADMINISTRATION BUILDING  
Address  
BANTIAN LONGGANG DISTRICT  
SHENZHEN GUANGDONG 518-129 CN  
CN  
Nationality

hereby sells, assigns and transfers to

**ASSIGNEE:**

HUAWEI TECHNOLOGY CO., LTD.  
(type or print name(s) of ASSIGNEE(S))  
HUAWEI ADMINISTRATION BUILDING  
Address  
BANTIAN LONGGANG DISTRICT  
SHENZHEN GUANGDONG 518-129 CN  
CN  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention—page 1 of 3) 16-3

(complete one of the following)

☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) right, title and  
interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

**A METHOD FOR PROCESSING THE DISTRIBUTED PATH INFORMATION REQUEST**

Name of inventor(s) Renhai ZHANG

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. 3.21)

- (a) ☐ Not yet filed U.S. patent application executed on even date herewith  
(b) ☐ Not yet filed U.S. patent application executed on  
(c) ☐ Not yet filed U.S. provisional application naming the above inventor(s) for  
the above-entitled invention  
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an  
ASSIGNOR signing below, hereby authorize and request my  
attorney to insert below the filing date and application number when  
they become known.  
(d) ☐ U.S. patent or provisional patent application no.  
filed on  
(e) ☒ International application no. PCT / CN2006 / 001072 filed on May 23, 2006  
(f) ☐ U.S. patent no. \_\_\_\_\_ issued  
☐ A change of address to which correspondence is to be sent regarding  
patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☐ and any legal equivalent thereof in a foreign country, including the right to  
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any  
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-  
examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been  
or will be made or entered into which would conflict with this assignment.

(Assignment of Invention—page 2 of 3) 16-3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 2007-11-14

Renhai Zhang  
Signature of ASSIGNOR(S)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*(if ASSIGNOR is a legal entity, complete the following information)*

\_\_\_\_\_  
*(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)*

\_\_\_\_\_  
Title

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention—page 3 of 3) 16-3