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2004

A/3 581-40

12-15-2004

FORM PTO-1596 RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF

1-31-92 Patent and Trademark Office

DOCKET NO.: 56815.0200

PATENTS ONI



To the Honorable Commissioner of Patents and Trademarks: Please rec

102901182

1. Name of conveying party(ies):
 Peng ZHOU, Yue LIU, Kai ZHONG,
 Guangxian YANG, Kebin LIU, and Kuncheng PENG
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
 Name: HUAWEI TECHNOLOGIES CO., LTD.
 Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: Huawei Service Center Bldg., Kefa Road
Science-Based Industrial Park, Nanshan District
 City: Shenzhen State/Country: Guangdong, P.R. CHINA
 Postal Code: 518057
 Additional name(s) & address(es) attached? Yes No

Execution Date: July 5, 2004

4. Application number(s) or patent number(s):
 If the document is being filed together with a new application, the execution date of the application is: July 27, 2004
 A. Patent Application No(s). B. Patent No(s).
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: BAKER & HOSTETLER LLP
 Internal Address: _____
 Street Address: Washington Square, Suite 1100,
1050 Connecticut Avenue, N.W.
 City: Washington State: DC ZIP: 20036

6. Total number of applications and patents involved: 1
 7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed (included with application fee)
 Authorized to be charged to deposit account

8. Deposit account number:
50-2036

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9. Statement and signature.
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.
Gregory B. Kang Registration No. 45,273
 Name and Registration No. of Person Signing Signature [Signature] Date 7-27-04
 Total number of pages 4

CMB No. 0851-0011 (exp. 4/94)

7/27/04 mzd

ASSIGNMENT

WHEREAS I/we, Peng ZHOU, Yue LIU, Kai ZHONG, Guangxian YANG, Kebin LIU, Kuncheng PENG, having the same address of Huawei Service Center Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, 518057, Guangdong P. R. China, (“Assignor”), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled **SYSTEM AND IMPLEMENTATION METHOD OF CONTROLLED MULTICAST**, executed by us on the date of execution of this document, as shown below, or for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;

AND WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., a Chinese corporation, having an address of Huawei Service Center Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, 518057, Guangdong P. R. China, (“Assignee”), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary 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 Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

(Continued on following page)

(NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).

July 5, 2004
Date

Peng ZHOU
<Peng ZHOU>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

July 5, 2004
Date

Yue LIU
<Yue LIU>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

July 5, 2004
Date

Kai ZHONG
<Kai ZHONG>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

July 5, 2004
Date

Guangxian YANG
<Guangxian YANG>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

July 5, 2004
Date

Kevin LIU
<Kevin LIU>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

July 5, 2004
Date

Kuncheng PENG
<Kuncheng PENG>

STATE OF _____)
COUNTY OF _____)

SS: Shenzhen, CHINA

On this _____ day of _____, 2004, before me personally appeared _____, to me known to be the person(s) named in and who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes therein set forth.

S E A L

Notary Public

My commission expires _____