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1 COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 069978-0018

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Zhijian LU, Xin ZHANG, Xiaozheng GUO, Qingchen ZHU, and  
Youkun CHEN  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: HUAWEI TECHNOLOGIES CO., LTD.  
  
Address: Intellectual Property Department,  
Huawei Service Center Building  
Kefa Road, Science-Based Industrial Park,  
Shenzhen  
Guangdong Province 518057, P.R. China  
  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
  
Execution Date: October 11; September 26; October 11;  
September 29; September 27, and September 26,  
2005 (respectively)

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: October 11; September 26;  
October 11; September 29;  
September 27, and September 26, 2005 (respectively)


A. Patent Application No(s).  
12/05/2005 ATRAM1 00000153 500417 10558620  
04 FC:0021 40.00 DA  
Additional numbers attached?  Yes  No

B. Patent No(s).  
  
6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
  
8. Deposit account number:  
500417

5. Name and address of party to whom correspondence  
concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
  
Street Address: 600 13th Street, N.W.  
  
City: Washington State: D. C. Zip: 20005-3096

DO NOT USE THIS SPACE

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.*

Stephen A. Becker, P.C., Registration No. 26,527  November 28, 2005  
Name and Registration No. of Person Signing Signature Date  
Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                          |                         |
|--------------------------|-------------------------|
| (1) <u>Zhijian LU</u>    | (4) <u>Qingchen CHU</u> |
| (2) <u>Xin ZHANG</u>     | (5) <u>Youkun CHEN</u>  |
| (3) <u>Xiaozheng GUO</u> | (6) _____               |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

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

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

GENERAL CHARGING METHOD

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Application No. Not yet assigned; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>Zhijian Lu</u> Name: Zhijian LU	<u>2005/11/18</u>
2)	<u>Xin ZHANG</u> Name: Xin ZHANG	<u>2005/11/18</u>
3)	<u>Xiaozheng GUO</u> Name: Xiaozheng GUO	<u>2005/11/18</u>
4)	<u>Qingchen CHU</u> Name: Qingchen CHU	<u>2005/11/18</u>
5)	<u>Youkun Chen</u> Name: Youkun CHEN	<u>2005/11/18</u>
6)	Name:	