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(4) JESSICA J. PETER 05-09-2006
(5) ZHONG QIANJIE 04-28-2006
(6) TYLER A. WALTERS 05-09-2006

2. Name and address of receiving party(ies):

**International Business Machines
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New Orchard Road
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Additional name(s) of conveying party(ies) attached? Yes No**3. Nature of conveyance:**

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4. Application or patent numbers(s): This document is being filed together with a new application.A. Patent Application No.(s) 11/435,330B. File Date: 05-16-2006Additional numbers attached? Yes No**5. Name and address to whom correspondence concerning document should be mailed:**

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Customer No.: 53792

6. Total number of applications and patents involved: 1**7. Total Fee (37 CFR 1.21.(h) & 3.41) \$ 40.00**


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ASSIGNMENT

Whereas, we,

- (1) LISA S. EICHORN of WAKE FOREST
County of WAKE and State of NORTH CAROLINA
- (2) JON M. HARRIS of RALEIGH
County of WAKE and State of NORTH CAROLINA
- (3) WILBERT R. JOYNER, JR. of DURHAM
County of DURHAM and State of NORTH CAROLINA
- (4) JESSICA J. PETER of APEX
County of WAKE and State of NORTH CAROLINA
- (5) ZHONG QIANJIE of SHANGHAI
and Country of CHINA
- (6) TYLER A. WALTERS of RALEIGH
County of WAKE and State of NORTH CAROLINA

have invented certain improvements in

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and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) 5.10.06, (2006); (2) 5/12/06, (2006);
(3) 5/9/06, (2006); (4) 5/9/06, (2006); (5) 04/28, (2006);
(6) 05/09/06, (2006)

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

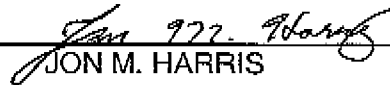
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(1) Signed at DURHAM on 5.10.06, 2006.
(City) (Date)



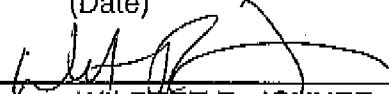
LISA S. EICHORN

(2) Signed at RALEIGH on 5.12.06, 2006.
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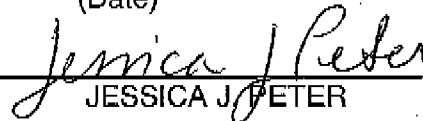
JON M. HARRIS

(3) Signed at DURHAM on 5/9/06, 2006.
(City) (Date)



WILBERT R. JOYNER, JR.

(4) Signed at Durham on 5/9/06, 2006.
(City) (Date)



JESSICA J. PETER

(5) Signed at Shanghai on April 28, 2006.
(City) (Date)



ZHONG QIANJIE

(6) Signed at DURHAM on MAY 9, 2006.
(City) (Date)



TYLER A. WALTERS