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PATENTS

Docket No. AUS920041102US1

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> (1) David William Boerstler (2) Eskinder Hailu (3) Jieming Qi  Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Execution Date:</b>  April 15, 2005 April 15, 2005 April 15, 2005
<b>2. Name and address of receiving party(ies):</b>  International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____

**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s) 11/109090    B. Patent No.(s) \_\_\_\_\_

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Diana R. Gerhardt  
IBM Corporation  
Intellectual Property Law  
11400 Burnet Road  
Austin, TX 78758  
512-823-9667

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 3.41) \$ 40.00**

Enclosed  
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**9. Statement and signature.**

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Beth Neely  
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Signature

5-10-2005  
Date

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IBM DOCKET NO. AUS920041102US1

**ASSIGNMENT**

Whereas, we,

(1) David William Boerstler of 16 Wooded Way, Round Rock, Texas 78664  
County of Williamson and State of Texas

and

(2) Eskinder Hailu of 10401 North Lamar Boulevard, Apt #J205, Austin, Texas 78753  
County of Travis and State of Texas

and

(3) Jieming Qi of 7913 Snook Hook Trail, Austin, Texas 78729  
County of Travis and State of Texas

have invented certain improvement in

**SYSTEM AND METHOD FOR ON/OFF-CHIP CHARACTERIZATION OF  
PULSE-WIDTH LIMITER OUTPUTS**

and executed a United States patent application therefore on (1) 04/15, 2005;  
(2) 04/15, 2005; and (3) 04/15, 2005.

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IBM DOCKET NO. AUS920041102US1

(1) Signed at Austin on 04/15, 2005.

David William Boerstler  
David William Boerstler

(2) Signed at Austin on 04/15, 2005.

Eskinder Hailu  
Eskinder Hailu

(3) Signed at Austin on 04/15, 2005.

Jiemi Qi  
Jiemi Qi