

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kai D Feng</td><td>03/27/2008</td></tr><tr><td>Kafai Lai</td><td>03/28/2008</td></tr><tr><td>Ping-Chuan Wang</td><td>03/27/2008</td></tr><tr><td>Zhijian J Yang</td><td>03/27/2008</td></tr></tbody></table>	Name	Execution Date	Kai D Feng	03/27/2008	Kafai Lai	03/28/2008	Ping-Chuan Wang	03/27/2008	Zhijian J Yang	03/27/2008	
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Kai D Feng	03/27/2008										
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Ping-Chuan Wang	03/27/2008										
Zhijian J Yang	03/27/2008										
RECEIVING PARTY DATA											
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12057494</td></tr></tbody></table>	Property Type	Number	Application Number:	12057494							
Property Type	Number										
Application Number:	12057494										
CORRESPONDENCE DATA											
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Total Attachments: 1											

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PATENT
REEL: 020719 FRAME: 0208

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) **Kai D. Feng**
County of Chittenden
and (2) **Kafai Lai**
County of Dutchess
and (3) **Ping-Chuan Wang**
County of Dutchess
and (4) **Zhijian Yang**
County of Dutchess

of Essex Junction,
and State of Vermont,
of Poughkeepsie,
and State of New York,
of Hopewell Junction,
and State of New York,
of Stormville,
and State of New York,

have invented certain improvements in

TITLE

**MULTIPLE STATUS E-FUSE BASED NON-VOLATILE VOLTAGE CONTROL
OSCILLATOR CONFIGURED FOR PROCESS VARIATION COMPENSATION, AN
ASSOCIATED METHOD AND AN ASSOCIATED DESIGN STRUCTURE**

DATES THAT and executed, respectively, a United States patent application therefor on
INVENTORS

SIGNED THE (1) March 27, 2008, (2) 3/27, 2008,
DECLARATION (3) 3/27, 2008, and (4) 03/27, 2008.

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 therefor;

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 in all 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 inventions 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.

Signed and sealed

Kai D. Feng
Kai D. Feng

on March 27, 2008

Kafai Lai
Kafai Lai

on 3/28, 2008

Ping-Chuan Wang
Ping-Chuan Wang

on 3/27, 2008

Zhijian J. Yang
Zhijian J. Yang

on 03/27, 2008

PATENT