

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard A. Hamilton II</td> <td>07/29/2008</td> </tr> <tr> <td>Brian M. O'Connell</td> <td>07/23/2008</td> </tr> <tr> <td>Clifford A. Pickover</td> <td>07/22/2008</td> </tr> <tr> <td>Victoria L. Vogelsang</td> <td>07/23/2008</td> </tr> <tr> <td>Keith R. Wisniewski</td> <td>07/23/2008</td> </tr> </tbody> </table>		Name	Execution Date	Richard A. Hamilton II	07/29/2008	Brian M. O'Connell	07/23/2008	Clifford A. Pickover	07/22/2008	Victoria L. Vogelsang	07/23/2008	Keith R. Wisniewski	07/23/2008
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Keith R. Wisniewski	07/23/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	International Business Machines Corporation												
<b>Street Address:</b>	New Orchard Road												
<b>City:</b>	Armonk												
<b>State/Country:</b>	NEW YORK												
<b>Postal Code:</b>	10504												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12182302</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12182302								
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Application Number:	12182302												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(440)391-5101												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	440 391 5100												
<b>Email:</b>	carole@driggslaw.com												
<b>Correspondent Name:</b>	Driggs, Hogg, Daugherty & Del Zoppo Co.,												
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<b>Address Line 2:</b>	DEPT. IEN												
<b>Address Line 4:</b>	WILLOUGHBY HILLS, OHIO 44094												
<b>ATTORNEY DOCKET NUMBER:</b>	END920070369US1-IEN106420												
<b>NAME OF SUBMITTER:</b>	Patrick J. Daugherty												

**CH \$40.00 12182302**

**Total Attachments: 6**

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**ASSIGNMENT**

Whereas, we

INVENTOR  
AND CITY

- (1) Rick A. Hamilton, II of Charlottesville  
County of Albemarle and State of Virginia
- (2) Brian M. O'Connell of Cary  
County of Wake and State of North Carolina
- (3) Clifford A. Pickover of Yorktown Heights  
County of Westchester and State of New York
- (4) Victoria L. Vogelsang of Milton  
County of Ulster and State of New York
- (5) Keith R. Walker of Austin  
County of Travis and State of Texas

have invented certain improvements in

TITLE METHOD, APPARATUS, AND PRODUCT FOR EFFICIENT PRINT OPERATIONS

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION


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

(1) 7/29, 2008, (2) 7/23, 2008,  
 (3) 7/22, 2008, (4) 7/23, 2008,  
 (5) 7/23, 2008.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10604, (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.

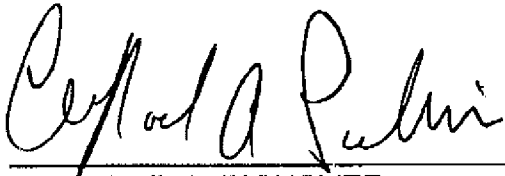
Signed and sealed

 on July 29<sup>th</sup>, 2008  
**RICK A. HAMILTON, II**

Signed and sealed

Brian M. O'Connell on 7/23, 2008  
BRIAN M. O'CONNELL

Signed and sealed



on 7-22, 2008

CLIFFORD A. PICKOVER

Signed and sealed

  
\_\_\_\_\_ on July 23, 2008  
VICTORIA L. VOGELSANG

Signed and sealed

Keith R. Walker on July 23, 2008  
KEITH R. WALKER