

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<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>Clyde L. Cain Jr.</td> <td>06/12/2008</td> </tr> <tr> <td>Feng-Wei Chen</td> <td>06/12/2008</td> </tr> <tr> <td>Ju Y. Lee</td> <td>06/11/2008</td> </tr> <tr> <td>Margaret H. Mago</td> <td>10/08/2008</td> </tr> <tr> <td>Nikhil R. Parekh</td> <td>06/11/2008</td> </tr> <tr> <td>William D. Reed</td> <td>06/11/2008</td> </tr> </tbody> </table>		Name	Execution Date	Clyde L. Cain Jr.	06/12/2008	Feng-Wei Chen	06/12/2008	Ju Y. Lee	06/11/2008	Margaret H. Mago	10/08/2008	Nikhil R. Parekh	06/11/2008	William D. Reed	06/11/2008
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<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>12253097</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12253097										
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<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(561)244-1062														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	561-922-3845														
<b>Email:</b>	sgreenberg@crgplaw.com														
<b>Correspondent Name:</b>	Carey, Rodriguez, Greenberg & Paul, LLP														
<b>Address Line 1:</b>	950 Peninsula Corporate Circle														
<b>Address Line 2:</b>	Suite 3020														
<b>Address Line 4:</b>	Boca Raton, FLORIDA 33487														
<b>ATTORNEY DOCKET NUMBER:</b>	RSW920080063US1 (382)														

CH \$40.00 12253097

NAME OF SUBMITTER:

Steven M. Greenberg

Total Attachments: 2

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IBM Docket No.: RSW920080063US1 (382)

ASSIGNMENT

WHEREAS, we:

- (1) Clyde L. Cain Jr. of Raleigh  
County of Wake State of North Carolina
- (2) Feng-Wei Chen of Cary  
County of Wake State of North Carolina
- (3) Ju Y. Lee of Durham  
County of Durham State of North Carolina
- (4) Margaret H. Mago of Durham  
County of Durham State of North Carolina
- (5) Nikhil R. Parekh of Raleigh  
County of Wake State of North Carolina
- (6) William D. Reed of Wake Forest  
County of Wake State of North Carolina

have invented certain improvements in

RELEVANCE CONTENT SEARCHING FOR KNOWLEDGE BASES

and executed, respectively, a United States patent application therefore on the following date(s):

- (1) 6/12/2008
- (2) 7/12/2008
- (3) 6/11/2008
- (4) 10/8/2008
- (5) 06/11/2008
- (6) 2/6/11/2008

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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

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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 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.

Signed and Sealed

- (1) Clyde L. Cain Jr. on 6/12, 2008.  
Clyde L. Cain Jr.
- (2) Feng Wei Chen on June 12, 2008.  
Feng Wei Chen
- (3) Ju Lee on June 11, 2008.  
Ju Lee
- (4) Margaret H. Mago on 10/8/, 2008.  
Margaret H. Mago
- (5) Nikhil R. Parekh on June 11, 2008.  
Nikhil R. Parekh
- (6) William D. Reed on 6/12, 2008.  
William D. Reed