

**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>Michael Haller</td> <td>04/14/2006</td> </tr> <tr> <td>Harry Reese Lewis Jr.</td> <td>04/14/2006</td> </tr> <tr> <td>James T. Smith II</td> <td>04/14/2006</td> </tr> </tbody> </table>		Name	Execution Date	Michael Haller	04/14/2006	Harry Reese Lewis Jr.	04/14/2006	James T. Smith II	04/14/2006
Name	Execution Date								
Michael Haller	04/14/2006								
Harry Reese Lewis Jr.	04/14/2006								
James T. Smith II	04/14/2006								
<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>11379035</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11379035				
Property Type	Number								
Application Number:	11379035								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(310)556-7984								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	3105567983								
<b>Email:</b>	hsong@ipmatters.com								
<b>Correspondent Name:</b>	Happy Song								
<b>Address Line 1:</b>	315 South Beverly Drive								
<b>Address Line 2:</b>	Suite 210								
<b>Address Line 4:</b>	Beverly Hills, CALIFORNIA 90212								
<b>ATTORNEY DOCKET NUMBER:</b>	BLD920050034US1 (22.112)								
<b>NAME OF SUBMITTER:</b>	Happy Song								
<b>Total Attachments: 1</b> source=BLD920050034US1_Assign_22.112#page1.tif									

CH \$40.00 11379035

**PATENT**

**500110854**

**REEL: 017715 FRAME: 0248**

ASSIGNMENT

Whereas, we

- (1) Michael Haller of Niwot,  
State of Colorado, and  
County of Boulder
- (2) Harry Reese Lewis Jr. of Longmont,  
State of Colorado, and  
County of Boulder
- (3) James T. Smith II of Boulder,  
State of Colorado, and  
County of Boulder

have invented certain improvements in:

USING A RESOURCE CONTEXT TO ACCESS RESOURCES AND SOURCE DATA FOR A TRANSFORM

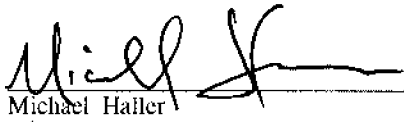

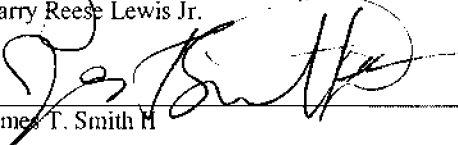
and executed, respectively, a United States patent application therefore on:

- (1) April 14, 2006, (2) April 14, 2006 and (3) April 14, 2006

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 CORPORATION, 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 CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY	(1) at <u>Boulder</u>		SIGNATURE
DATE	on <u>April 14</u> , 2006	Michael Haller	INVENTOR
CITY	(2) at <u>Boulder</u>		SIGNATURE
DATE	on <u>April 14</u> , 2006	Harry Reese Lewis Jr.	INVENTOR
CITY	(3) at <u>Boulder</u>		SIGNATURE
DATE	on <u>April 14</u> , 2006	James T. Smith II	INVENTOR