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PATENTS ONLY**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>(1) <b>Michael HALLER</b>  (2) <b>Joan L. MITCHELL</b>  (3) <b>Nenad RIJAVEC</b>  (4) <b>James T. SMITH, II</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>International Business Machines Corporation</b></p> <p>Street Address: <b>New Orchard Road</b></p> <p>City: <b>Armonk</b> State: <b>NY</b> Zip: <b>10504</b></p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> <b>Assignment</b> Execution dates: (1) <b>March 9, 2005</b>  (2) <b>March 9, 2005</b>  (3) <b>March 9, 2005</b>  (4) <b>March 9, 2005</b></p>	
<p>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:</p> <p>A. Patent Application No.(s) <span style="margin-left: 200px;">B. Patent No.(s)</span></p> <p><b>11/083,384 filed on March 16, 2005</b></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <b>Sawyer Law Group LLP</b>  Address: <b>P.O. Box 51418</b>  <b>Palo Alto, CA 94303</b></p>	<p>6. Total number of applications and patents involved: <u><b>One</b></u></p> <p>7. Total fee (37 CFR 3.41)..... <u><b>\$ 40.00</b></u>  <input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> <b>Authorized to be charged to deposit account</b></p> <p>8. Deposit account number: <u><b>50-0563</b></u> (IBM Corporation)  (Attach duplicate copy of this page if paying by deposit account)</p>
<p>9. Statement and signature.  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p><b>Joseph A. Sawyer, Jr.</b> <span style="margin-left: 150px;"></span> <span style="margin-left: 100px;"><b>May 23, 2005</b></span></p> <p>_____  Name of Person Signing <span style="margin-left: 150px;">(Signature)</span> <span style="margin-left: 100px;">Date</span></p>	

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Total number of pages including cover sheet, attachments, and documents: 3

ASSIGNMENT

Whereas, I,

- |     |                           |                                       |
|-----|---------------------------|---------------------------------------|
| (1) | <b>Michael HALLER</b>     | City of Niwot<br>State of Colorado    |
| (2) | <b>Joan L. MITCHELL</b>   | City of Longmont<br>State of Colorado |
| (3) | <b>Nenad RIJAVEC</b>      | City of Longmont<br>State of Colorado |
| (4) | <b>James T. SMITH, II</b> | City of Boulder<br>State of Colorado  |

*JLM 3/9/05*

have invented certain improvements in

**TITLE        METHOD AND SYSTEM FOR TASK MAPPING TO ITERATIVELY IMPROVE  
TASK ASSIGNMENT IN A HETEROGENEOUS COMPUTING SYSTEM**




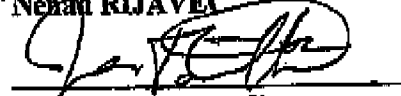
and executed a United States Patent Application therefor on the following date(s):

- (1) March 9, 2005  
 (2) March 9, 2005  
 (3) MARCH 9, 2005  
 (4) MARCH 9, 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, 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 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:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Boulder</u>	<u>3/9/2005</u>	<u></u> Michael HALLER
(2)	<u>Boulder</u>	<u>March 9 2005</u>	<u></u> Joan L. MITCHELL
(3)	<u>Boulder</u>	<u>3/9/2005</u>	<u></u> Nenad RIJAVEC
(4)	<u>BOULDER</u>	<u>3/9/2005</u>	<u></u> James T. SMITH, II