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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> (1) Nanchariah Raghuevera Chalasani (2) Ajamu A. Wesley (3) Javed Rahman (4) Balan Subramanian  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Execution Date:</b> April 24, 2006 May 04, 2006 May 11, 2006 May 02, 2006  113000 U.S. PTO 11/433822
<b>2. Name and address of receiving party(ies):</b>  International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____
<b>4. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is (1) _____, (2) _____, (3) _____, (4) _____, (5) _____  A. Patent Application No.(s) _____ B. Patent No.(s) _____	

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**5. Name and address of party to whom correspondence concerning document should be mailed:**

Atty Name  
 IBM Corporation  
 Intellectual Property Law  
 Dept. T81/Bldg. 503  
 PO Box 12195  
 Research Triangle Park, NC 27709

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 3.41) \$** 40.00

Enclosed

Authorized to be charged to deposit account

**8. Deposit account number:** 09-0461

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**9. Statement and signature.**  
 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.

Rudolph J. Buchel, Jr.           May 12, 2006  
 Name of Person Signing      Signature      Date

Total number of pages including cover sheet: 9

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05/18/2006 NJR/MSB  
01 FC:8021

**ASSIGNMENT**

*Whereas, we,*

(1) Nanchariah Raghuveera Cholasani  
of: Fairfax, VA

and (2) Ajamu A. Wesley  
of: Marlborough, MA

and (3) Javed Rahman  
of: Medford, MA

and (4) Balan Subramanian  
of: Cary, NC

have invented certain improvements in

**Using Stochastic Models to Diagnose and Predict Complex System Problems**

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

(1) April 24, 2006, (2) \_\_\_\_\_, 2006, (3) \_\_\_\_\_, 2006, (4) \_\_\_\_\_, 2006

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 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.

(1) Signed at: Washington D.C. on April 24<sup>th</sup>, 2006.  
(City) (Date)

Eyhanur S. Qalini  
Nanchariah Raghuvveera Chamasani

and  
(2) Signed at: \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
Ajamu A. Wesley

and  
(3) Signed at: \_\_\_\_\_ on \_\_\_\_\_, 2006.  
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\_\_\_\_\_  
Javed Rahman

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(City) (Date)

\_\_\_\_\_  
Nanchariah Raghuvveera Chalasani

and  
(2) Signed at: Westford on May 9<sup>th</sup>, 2006.  
(City) (Date)

Ajamu A. Wesley  
Ajamu A. Wesley

and  
(3) Signed at: \_\_\_\_\_ on \_\_\_\_\_, 2006.  
(City) (Date)

\_\_\_\_\_  
Javed Rahman

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(City) (Date)

\_\_\_\_\_  
Ajamu A. Wesley

**and**  
**(3) Signed at:** MEDFORD, MA on 5/11/06, 2006.  
(City) (Date)

Javed Rahman  
Javed Rahman

**and**  
**(4) Signed at:** \_\_\_\_\_ on \_\_\_\_\_, 2006.  
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(City) (Date)

\_\_\_\_\_  
Javed Rahman

and  
(4) Signed at: DURHAM, NC on 05/02, 2006.  
(City) (Date)

  
\_\_\_\_\_  
Balan Subramanian