

PATENT ASSIGNMENT

Electronic Version v1.1

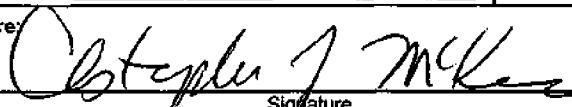
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vijay RAGHAVAN</td> <td>08/18/2005</td> </tr> <tr> <td>Ebrahim Mehran MESTCHIAN</td> <td>08/18/2005</td> </tr> </tbody> </table>		Name	Execution Date	Vijay RAGHAVAN	08/18/2005	Ebrahim Mehran MESTCHIAN	08/18/2005
Name	Execution Date						
Vijay RAGHAVAN	08/18/2005						
Ebrahim Mehran MESTCHIAN	08/18/2005						
RECEIVING PARTY DATA							
Name:	The MathWorks, Inc.						
Street Address:	3 Apple Hill Drive						
City:	Natick						
State/Country:	MASSACHUSETTS						
Postal Code:	01760						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11842014</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11842014		
Property Type	Number						
Application Number:	11842014						
CORRESPONDENCE DATA							
Fax Number:	(617)742-4214						
Phone:	800-237-2000						
Email:	pamela.pari@nelsonmullins.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Nelson Mullins Riley & Scarborough LLP						
Address Line 1:	One Post Office Square						
Address Line 2:	30th Floor						
Address Line 4:	Boston, MASSACHUSETTS 02109						
ATTORNEY DOCKET NUMBER:	MWS-206ARCE						
NAME OF SUBMITTER:	Kevin J. Canning						
Total Attachments: 5 source=MWS_206ARCE_Assignment#page1.tif source=MWS_206ARCE_Assignment#page2.tif source=MWS_206ARCE_Assignment#page3.tif source=MWS_206ARCE_Assignment#page4.tif source=MWS_206ARCE_Assignment#page5.tif							

CH \$40.00 11842014

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Vijay RAGHAVAN (08/18/2005) and Ebrahim Mehran MESTCHIAN (08/18/2005) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>The MathWorks, Inc.</u> Internal Address: _____ Street Address: _____ 3 Apple Hill Drive City: <u>Natick</u> State: <u>Massachusetts</u> Country: <u>United States of America</u> Zip: <u>01760</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
4. Application or patent number(s): A. Patent Application No.(s) This application Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Kevin J. Canning</u> <u>LAHIVE & COCKFIELD, LLP</u> Internal Address: <u>Atty. Dkt.: MWS-206</u> Street Address: <u>28 State Street</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02109</u> Phone Number: <u>(617) 227-7400</u> Fax Number: <u>(617) 742-4214</u> Email Address: _____		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
9. Signature:  _____ Signature <u>Christopher J. McKenna - 53,302</u> Name of Person Signing		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>12-0080</u> Authorized User Name <u>Kevin J. Canning</u>	
		Total number of pages including cover sheet, attachments, and documents: <input type="text" value="5"/>	

ASSIGNMENT BY INVENTORS

WE, Vijay RAGHAVAN and Ebrahim Mehran MESTCHIAN, of Framingham, Massachusetts and Newton, Massachusetts, respectively, in consideration of One Dollar and other valuable consideration paid to us by

The MathWorks, Inc.

a Corporation of Delaware, having its principal place of business at 3 Apple Hill Drive, Natick, Massachusetts 01760, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

The MathWorks, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

MULTI-RATE HIERARCHICAL STATE DIAGRAMS

described in an application

Executed by us of even date herewith and about to be filed

or

Application No. , filed on

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Vijay Raghavan
Vijay Raghavan

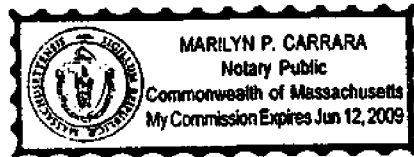
Date: 18 Aug 2005

United States of America
State of Massachusetts ss.:
County of Middlesex

On this 18th day of August, 2005 before me, the
the undersigned notary public, personally appeared Vijay Raghavan
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.

Marilyn P. Carrara (official signature and seal of notary)

My commission expires June 12, 2009



J. Mestchian

Ebrahim Mehran Mestchian

Date: 8/18/05

United States of America)
State of Massachusetts ss.:
County of Middlesex)

On this 18th day of August, 2005 before me, the undersigned notary public, personally appeared Ebrahim Mehran Mestchian (name of document signer), proved to me through satisfactory evidence of identification, which was MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.

Marilyn P. Carrara (official signature and seal of notary)

My commission expires June 12, 2009

