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Additional name(s) of conveying party(ies) attached?	Street Address:					
3. Nature of conveyance/Execution Date(s):						
Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name	3 Apple Hill Drive					
Security Agreement Joint Research Agreement	City: Natick					
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4. Application or patent number(s): A. Patent Application No.(s) 11/157670	This document is being filed together with a new application. B. Patent No.(s)					
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PATENT REEL: 016661 FRAME: 0583

ASSIGNMENT BY INVENTORS

WE, Vijay RAGHAVAN and Jason BRESLAU, of Framingham, Massachusetts and Littleton, Massachusetts, respectively, in consideration of One Dollar and other yaluable 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

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described in an application						
Executed by us of even date herewith and about to be filed						
• - /11 -						
or ,						
x Application No. 11/157670, filed on June 20, 2005						

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.

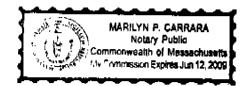
And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

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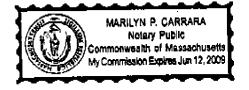
MWS-212

Vijay Raghavan

Date: 45 August 2005
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On this 9Th day of Quillet , 2005 before me, the
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(name of document signer), proved to me through satisfactory evidence of identification,
which was, to be the person whose name
is signed on the preceding or attached document in my presence.
Mary P. Orenes (official signature and seal of notary)
My commission expires (0/12/2005



Jan Marie Contract of the Cont
Date: 8/18/05
United States of America) Commonwealth of Massachusetts) ss.: County of Middlesey
On this 18 ^{TL} day of Quest, 2005 before me, the the undersigned notary public, personally appeared Javan Breslau
(name of document signer), proved to me through satisfactory evidence of identification, which was, to be the person whose name is signed on the preceding or attached document in my presence.
My commission expires



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DATE:

August 23, 2005

PTO IDENTIFIER:

Application Number 11/157670-Conf. #9529

Patent Number

inventor:

Vijay RAGHAVAN et al.

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