

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<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>Jennifer Black</td> <td>03/12/2009</td> </tr> <tr> <td>David A. Foti</td> <td>03/12/2009</td> </tr> <tr> <td>Joseph F. Hicklin</td> <td>03/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jennifer Black	03/12/2009	David A. Foti	03/12/2009	Joseph F. Hicklin	03/12/2009
Name	Execution Date								
Jennifer Black	03/12/2009								
David A. Foti	03/12/2009								
Joseph F. Hicklin	03/12/2009								
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" 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>12403852</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12403852				
Property Type	Number								
Application Number:	12403852								
CORRESPONDENCE DATA									
Fax Number:	(617)742-4214								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	617 227 7400								
Email:	leb@lahive.com								
Correspondent Name:	Kevin J. Canning								
Address Line 1:	LAHIVE & COCKFIELD, LLP/THE MATHWORKS								
Address Line 2:	One Post Office Square								
Address Line 4:	Boston, MASSACHUSETTS 02109-2127								
ATTORNEY DOCKET NUMBER:	MWS-361								
NAME OF SUBMITTER:	Kevin J. Canning								

Total Attachments: 4
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**PATENT
 REEL: 022393 FRAME: 0321**

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ASSIGNMENT BY INVENTORS

WE, Jennifer BLACK; David A. FOTI; and Joseph F. HICKLIN, of Ashland, Massachusetts; Tolland, Connecticut; and Upton, 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

SYSTEM FOR CREATING AND USING HETEROGENEOUS ARRAYS

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.

Jennifer A. Black
Jennifer Black

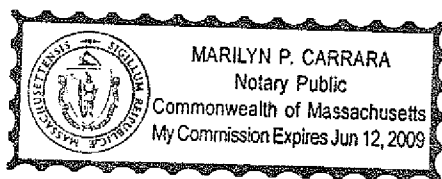
Date: March 12, 2009

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

On this 12th day of March, 2009 before me, the
the undersigned notary public, personally appeared Jennifer Black
(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



David A Foti

David A. Foti

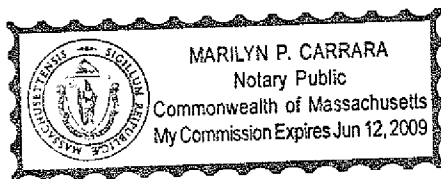
Date: 3/12/09

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

On this 12th day of March, 2009 before me, the
the undersigned notary public, personally appeared David A. Foti
(name of document signer), proved to me through satisfactory evidence of identification,
which was CT 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



Joseph F. Hicklin
Joseph F. Hicklin

Date: March 12, 2009

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

On this 12th day of March, 2009 before me, the
the undersigned notary public, personally appeared Joseph F. Hicklin
(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

