

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Darel Allen Linebarger</td> <td>11/12/2008</td> </tr> <tr> <td>Matthew Englehart</td> <td>11/21/2008</td> </tr> <tr> <td>Peter Szpak</td> <td>11/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Darel Allen Linebarger	11/12/2008	Matthew Englehart	11/21/2008	Peter Szpak	11/21/2008
Name	Execution Date								
Darel Allen Linebarger	11/12/2008								
Matthew Englehart	11/21/2008								
Peter Szpak	11/21/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	The MathWorks, Inc.								
<b>Street Address:</b>	3 Apple Hill Drive								
<b>City:</b>	Natick								
<b>State/Country:</b>	MASSACHUSETTS								
<b>Postal Code:</b>	01760								
<b>PROPERTY NUMBERS Total: 1</b>									
<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>12276974</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12276974				
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Application Number:	12276974								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(617)742-4214								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	617 227 7400								
<b>Email:</b>	leb@lahive.com								
<b>Correspondent Name:</b>	Kevin J. Canning								
<b>Address Line 1:</b>	LAHIVE & COCKFIELD, LLP/THE MATHWORKS FL								
<b>Address Line 2:</b>	One Post Office Square								
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02109-2127								
<b>ATTORNEY DOCKET NUMBER:</b>	MWS-350								
<b>NAME OF SUBMITTER:</b>	Kevin J. Canning								

Total Attachments: 4  
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**500713388**

**PATENT  
 REEL: 021883 FRAME: 0510**

**CH \$40.00 12276974**

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## ASSIGNMENT BY INVENTORS

WE, Darel Allen LINEBARGER; Matthew ENGLEHART; and Peter SZPAK, of Southborough, Massachusetts; Olmsted Township, OH; 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

### IMPLICIT RESET

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.

Darel Allen Linebarger  
Darel Allen Linebarger

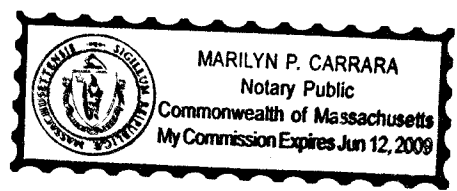
Date: Nov. 12, 2008

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

On this 12<sup>th</sup> day of November, 2008 before me, the  
the undersigned notary public, personally appeared Darel Allen Linebarger  
(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



Matthew Englehart  
Matthew Englehart

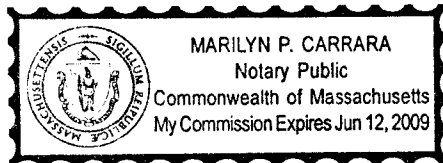
Date: 11/21/2008

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

On this 21<sup>st</sup> day of November, 2008 before me, the  
the undersigned notary public, personally appeared Matthew Englehart  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was Ohio 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



  
Peter Szpak

Date: 11/21/08

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

On this 21<sup>st</sup> day of November, 2008 before me, the  
the undersigned notary public, personally appeared Peter Szpak  
(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

