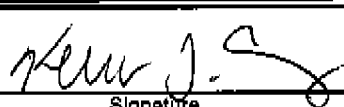


Form PTO-1598 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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<p>1. Name of conveying party(ies): Matthew ENGLEHART</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>The MathWorks, Inc.</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p>3 Apple Hill Drive</p> <p>City: <u>Natick</u></p> <p>State: <u>Massachusetts</u></p> <p>Country: <u>United States of America</u> Zip: <u>01780</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s): <u>September 8, 2005</u></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>11/170305</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Kevin J. Canning</u> <u>LAHIVE & COCKFIELD, LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: MWS-172</u></p> <p>Street Address: <u>28 State Street</u></p> <p>City: <u>Boston</u></p> <p>State: <u>MA</u> Zip: <u>02109</u></p> <p>Phone Number: <u>(617) 227-7400</u></p> <p>Fax Number: <u>(617) 742-4214</u></p> <p>Email Address: _____</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>12-0080</u> Authorized User Name <u>Kevin J. Canning</u></p>
<p>9. Signature:</p> <p style="text-align: center;"> Signature</p> <p style="text-align: right;"><u>September 21, 2005</u> Date</p> <p><u>Kevin J. Canning - 35,470</u> Total number of pages including cover sheet, attachments, and documents: 3 Name of Person Signing</p>	

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-0140 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 21, 2005

Signature:  (Kevin J. Canning)

CH \$40.00 120080 11170305

ASSIGNMENT

I, Matthew ENGLEHART, of Olmsted Falls, Ohio, in consideration of One Dollar and other valuable consideration paid to me 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

SYSTEMS AND METHODS FOR MODELING EXECUTION BEHAVIOR

described in an application

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

or

Application No. 11/170305, filed on June 28, 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 I agree, for myself and my 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 I 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 I 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.

Matthew Englehart
Matthew Englehart

Date: 9/8/2005

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

On this 8th day of September, 2005 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 OH 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

