

07-25-2007

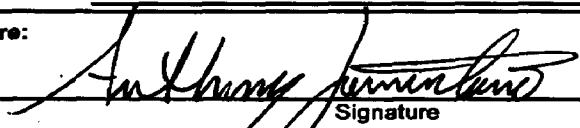
U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office

Send documents or the new address(es) below.

1. Name of conveying party(ies): Arwen WARLOCK		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): <u>November 6, 2003</u> <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) <u>This application</u> 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: Atty. Dkt.: <u>MWS-086CN</u> Street Address: <u>One Post Office Square</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02109-2127</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: <u>1</u> 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) 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>	
9. Signature:  Signature _____ Date <u>July 16, 2007</u> <u>Anthony A. Laurentano - 38,220</u> Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>3</u>			

07/24/2007 MJAMA1 00000155 120080 11879228

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Express Mail Label No. EV 958 488 180 US Dated: July 16, 2007

PATENT
REEL: 019632 FRAME: 0222

ASSIGNMENT BY INVENTOR

I, Arwen Warlock, of Waltham, Massachusetts, 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

CONVERSION OF MODEL COMPONENTS INTO REFERENCES

described in an application

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

or

☐ Application No. Not Yet Assigned, filed on Concurrently Herewith

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 a 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 a 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.

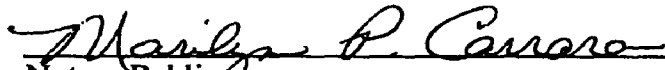


Arwen Warlock

Date: 11/6/03

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

On this 6th day of November, 2003, before me
personally came Arwen Warlock, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public