orm PTO-1595 (Rev. 08/05) MB No. 0851-0027 (exp. 8/30/2008)	United States Patent and Trademark Offic		
RECORDATION FOR			
PATENT	SONLY		
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Mary Ann Branch FREEMAN (03/28/2007),	Name: The MathWorks, Inc.		
Marcelo MARAZZI (03/23/2007), Marjorle BERMAN (03/23/2007),	Internat Address:		
Additional name(s) of conveying party(les) attached? X Yes No	Street Address:		
3. Nature of conveyance/Execution Date(s):	d		
••	3 Apple Hill Drive		
Execution Date(s): In parentheses after Inventor name    X   Assignment	**************************************		
Security Agreement Joint Research Agreement	City: Natick		
Government Interest Assignment	State: Massachusetts		
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 01760		
Other	Additional name(s) & address(es) Yes X No attached?		
	This document is being filed together with a new application.  B. Patent No.(s)		
A. Patent Application No.(s) 11/652,262	B. Patent No.(s)		
1/002 202			
Additional numbers attached	? Yes X No		
. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Kevin J. Canning  LAHIVE & COCKFIELD, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Atty. Dkt.: MWS-304	Authorized to be charged by credit card		
Street Address: One Post Office Square	Authorized to be charged to deposit account		
Enclosed Enclosed			
	None required (government interest not affecting title		
City: Boston	8. Payment information		
State: MA zip: 02109-2127	a. Credit Cerd Last 4 Numbers		
Phone Number: (617) 227-7400	Expiration Date		
Fax Number: (617) 742-4214	b. Deposit Account Number 12-0080  Authorized User Name Kevin J. Canning		
Email Address:	Addidized Cool Halis 100411 of Carring		
i. Signature:			
menera	April 6, 2007		
Signature			
Weijen Wang - L0257 Name of Person Signing	sheet, attachments, and documents:		
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I hereby certify that this paper (along with any paper referred to se being			

PATENT REEL: 019132 FRAME: 0906

Dated: April 6, 2007

F		COVER SHEET (PTO-1595) ental sheet)	
Additional Conveying P	arty(les)/Execution D	ate(s) (1. Continued):	
Rakesh KUMAR (03/23/200)	7), Tara SCOTT (03/23/26	007), and Amy KIDD (03/28/2007)	
Additional Assignees (2	. Continued):	· .	
Assignee Name: Internal Address; Street Address:			
City:	State:	Country:	Zlp:
Assignee Name: Internal Address: Street Address:			-
City:	State:	Country:	
Assignee Name: Internal Address: Street Address:			•
City:	State:	Country:	Zip:
Additional Applications	and/or Patents (4. Co	ontinued):	
Additional Patent Application Numb 4A. Continued:	ers	Additional Patent Numbers 4B. Continued:	
	Additional numbers attached?	Yes No	

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Docket No.: MWS-304

REEL: 019132 FRAME: 0907

## ASSIGNMENT BY INVENTORS

WE, Mary Ann Branch FREEMAN; Marcelo MARAZZI; Marjorie BERMAN; Rakesh KUMAR; Tara SCOTT; and Amy KIDD, of Holliston, Massachusetts; Cambridge, Massachusetts; Newton, Massachusetts; Framingham, Massachusetts; Millis, Massachusetts; and Framingham, 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

## A GRAPHICAL USER INTERFACE FOR MATHEMATICAL SOLVERS

described in an application
Executed by us of even date herewith and about to be filed
ог
x Application No. 11/652,262, filed on January 10, 2007

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.

PATENT REEL: 019132 FRAME: 0908

power to insert on this Assignment the filing date and/or application number of said application.

Mary Ann Branch Freeman

Date: 3/28/2007

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the

United States of America

State of 

County of 

On this 

On this

My commission expires (official signature and seal of notary)

MARILYN P. CARRARA
Notary Public
Commonwealth of Massachusetts
My Commission Expires Jun 12, 2009

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/ <u> </u>	
( lune []	
Marcelo Marazzi	

Date: 3/23/2007

United States of America

State of 

County of 

Middlesa

State of 

Niddlesa

Note of 

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State of 

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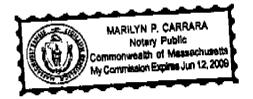
Niddlesa

My commission expires (2, 2009)

MARILYN P. CARRARA
Notery Public
Commonwealth of Massachusetts
My Commission Expires Jun 12, 2009

Marjorie Berman

Date: March 23, 2007
United States of America  State of   County of   Middlept  Ss.:
On this 23 day of Maria , Doo7 before me, the the undersigned notary public, personally appeared Maria is Remarks
(name of document signer), proved to me through satisfactory evidence of identification,
which was Not Chrise's license, to be the person whose name
is signed on the preceding or attached document in my presence.
(official signature and seal of notary)
My commission expires 76 12 2009



Rakesh Kumar

Date: 03/23/07

United States of America

State of 
County of 

October 1 

County of 

October 1 

County of 

October 1 

County of 

October 2 

County of 

October 2 

County of 

October 3 

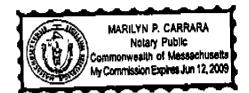
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(official signature and seal of notary)

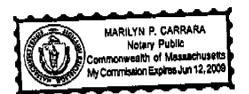


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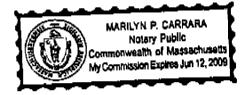
REEL: 019132 FRAME: 0912

Jane & Scott

Tara Scott	
Date: 3/23/07	
United States of America	
State of Massachuse + (*) 88.:	
County of M: dile sol	
On this 23 day of Narch, 2007 bef the undersigned notary public, personally appeared 7 are 500 +	fore me, the
(name of document signer), proved to me through satisfactory evidence of identifi	cation.
which was // A driver's (icance , to be the person	
is signed on the preceding or attached document in my presence.	
(official signature and seal of n	otary)
My commission expires <u>Sune</u> 12,2009	



Am E Cido_
Ayny Kidd
Date: 3/28/07
United States of America
State of /lkscas huse ++s) ss.:
County of /N: dal(ecar)
On this 28 day of March, 2007 before me, the the undersigned notary public, personally appeared Control Kind d
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA Chick's license, to be the person whose name
is signed on the preceding or attached document in my presence.
(official signature and seal of notary)
My commission expires Tane 12,209



**RECORDED: 04/06/2007** 

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