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1. Name of conveying party(ies): Biao YU (05/17/2007) and James CARRICK (05/16/2007) Aditional name(a) of conveying party(ies) attached? Yes Aditional name(a) of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) Aditional name(a) of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies): Execution Date(s): Is parentheses after inventor name Security Agreement Government Interest Assignment Other Other Other Application or patent number(s): A. Paptication or patent number(s): A. Papti		\cap $\gamma (1) \gamma (1)$			
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(05/16/2007) Name: ITE Walliveors, Inc. Additional name(s) of conveying party(las) stached? Yes Xo 3. Nature of conveyance/Execution Date(s): Execution Date(s): Item and Address: Streat Address: Streat Address: Streat Address: Streat Address: Streat Address: Streat Address: Streat Address: Streat Address: Streat Address: City: Nature Massachusetts County: United States of America Zip: Other Additional number(s): Xo A. Application or patent number(s): Xo This document is being filed together with a new application. B. Patent Application No.(s) B. Patent No.(s) B. Patent No.(s) This application City: No Additional numbers attached? Yos No S. Name and address: One Post Office Square 6. Total number of applications and 1 Patent No.(s) Internal Address: MA Zip: 02109-2127 Pone Number: (617) 227.7400 Ray Patent Information a. Credit Card Last 4 Numbers Streat Address: Mathorized to be charged to deposit account	1. Name of conveying party(ies):	2. Name and address of receiving party(les)			
Additional name(s) of convey/ing partylies) attached? Yes X No Street Address: 3 Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name 3 Assignment Merger Change of Name Security Agreement Joint Research Agreement State: Massachusetts Covernment Interest Assignment Covernment Interest Assignment State: Massachusetts Other Additional name(s) & address(es) Yes No 4. Application or patent number(s): Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: No S. Patent No.(s) 1 This application Additional numbers attached? Yes No Street Address: One Post Office Square 6. Total number of applications and 1 1 Internal Address: Ma Zip: 02109-2127 Phone Number: (617) 742-4214 Exploration Signature Signature Signature July 24, 2007 Date Signature Signature July 24, 2007 Date Authorized User Name Kevin J. Canning S. Signat		Name: The MathWorks, Inc.			
Execution Date(s): in parentheses after inventor name 3 Apple Hill Drive X Assignment Joint Research Agreement City: Natick Government Interest Assignment City: Natick Executive Order 9424, Confirmatory License Additional name(s) & address(es) Yes X No Actitional name(s) & address(es) Yes X No 4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) B. Patent No.(s) This application Kevin J. Canning 1 LAHIVE & COCKFIELD, LLP F. Total number of applications and patents involved: 1 Name: Kevin J. Canning 7. Total fee (37 CFR 1.21(h) & 3.41) 40.00 Internal Address: Aty, Dkt: MWS-276A Boston 8. Payment Information a. Cradit Card Last A numbers Site: MA Zip: 02109-2127 Deposit Account Number 12-0080 River Address: Ginz 227-7400 Expiration Date Deposit Account Number 12-0080 Signature: Ginz 227-7400 Expiration Date Deposit Account Number 12-0080 S. Signature:	Additional name(s) of conveying party(les) attached?				
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Government Interest Assignment Government Interest Assignment Basecutive Order 9424, Confirmatory License Other Gotter Additional name(s) & address(es) Yes Application or patent number(s): A. Patent Application No.(s) This document is being filed together with a new application. B. Patent Application No.(s) This application Additional numbers attached? Yes X No Additional numbers attached? Yes X No S. Name and address to whom correspondence concerning document should be mailed: Name: Kevin J. Canning LAHIVE & COCKFIELD, LLP Internal Address: One Post Office Square State: MA State: MA Zip: 02109-2127 Phone Number: (617) 227-7400 Fax Number: (617) 742-4214 Explanation B. Deposit Account Number Signature: July 24, 2007 Matherized User Name of Person Signing Total number of pages including cover Atthorized User Name of Person Signing Total number, attachments, and documents:					
Executive Order 9424, Confirmatory License Country: United States of America Zip: 01760 Other Additional name(s) & address(es) Yes 4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) This application B. Patent No.(s) Additional numbers attached? Yes Yes X Name: Kevin J. Canning LAHIVE & COCKFIELD, LLP Internal Address: Atty. Dkt.: MWS-276A Street Address: One Post Office Square City: Boston State: MA Zip: 02109-2127 Phone Number: (617) 227-7400 Fax Number: (617) 742-4214 Enclosed None required (government interest not affecting title) Deposit Account Number 12-0080 Fax Number: (617) 742-4214 Enail Address: Signature Signature July 24, 2007 Name of Person Signing Total number of appet nodung cover Atthorized User Name Kevin J. Canning 12-0080 Authorized User Name Kevin J. Canning 12-0					
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5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Kevin J. Canning LAHIVE & COCKFIELD, LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 40.00 Internal Address: Atty. Dkt: MWS-276A Street Address: One Post Office Square 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 City: Boston Authorized to be charged by credit card State: MA Zip: 02109-2127 Phone Number: (617) 227-7400 8. Payment Information a. Credit Card Fax Number: (617) 742-4214 b. Deposit Account Number 12-0080 Email Address: July 24, 2007 Date 24/31/2007 9. Signature: Signature July 24, 2007 Date Kevin J. Canning 35,470 Total number of pages including cover at steet, attachments, and documents: 4	A. Patent Application No.(s)				
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PATENT REEL: 019665 FRAME: 0409

ASSIGNMENT BY INVENTORS

WE, Biao YU and James CARRICK, of Ayer, Massachusetts and Natick, 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

DATA TRANSFER PROTECTION IN A MULTI-TASKING MODELING ENVIRONMENT

described in an application

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

or

x Application No. 11/687,576, filed on March 16, 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.

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.

PATENT REEL: 019665 FRAME: 0410

Biao Yu May 17.2001 Date: United States of America) Commonwealth of Massachusetts) ss.: County of Midd leser On this day of before me, the the undersigned notary public, personally appeared (name of document signer), proved to me through satisfactory evidence of identification, MA driver's license, to be the person whose name which was is signed on the preceding or attached document in my presence. (official signature and seal of notary) My commission expires ane 12, 2009



2

Canut James Carrick

5/16/07 Date:

United States of Ame	rica)			
Commonwealth of	Massac	husetts) ss.:			
County of	Midd	esat)			
On this 16^{TL}	day of	May	,	2007	before me, the	
the undersigned notar	y public, per	sonally appe	ared J	ames Car	rick	
(name of document signer), proved to me through satisfactory evidence of identification,						
which was MA	driver	<u>s lice</u>	1Se	, to be the pe	erson whose name	
is signed on the preceding or attached document in my presence.						

(official signature and seal of notary)

ne

My commission expires



12,2009