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U.S. DEPARTMENT OF COMMERCE  
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103432770

To the Director (

**1. Name of conveying party(ies):**

Biao YU (05/17/2007) and James CARRICK  
(05/16/2007)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)  
This application

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kevin J. Canning  
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Fax Number: (617) 742-4214  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 12-0080  
Authorized User Name Kevin J. Canning

**9. Signature:**

Signature

July 24, 2007  
Date

Kevin J. Canning - 35,470  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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Express Mail Label No. EV 956467005 US Dated: July 24, 2007

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**

☒ 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.**

  
Biao Yu

Date: May 17, 2007

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

On this 17<sup>th</sup> day of May, 2007 before me, the  
the undersigned notary public, personally appeared Biao Yu  
(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



James Carrick  
James Carrick

Date: 5/16/07

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

On this 16<sup>th</sup> day of May, 2007 before me, the  
the undersigned notary public, personally appeared James Carrick  
(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

