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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

ZHIHONG ZHAO (08/10/2004),
DONALD PAUL OROFINO, II (08/09/2004),
BRIAN K. OGILVIE (08/10/2004),
CHARLES J. DEVANE (08/09/2004)Additional name(s) of conveying party(ies)
attached?☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: The MathWorks, Inc.

Internal Address: _____

Street Address: _____

3 Apple Hill Drive

City: NatickState: MA Zip: 01760Additional name(s) &
address(es) attached:☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the new application is: August 18, 2004

A. Patent Application No.(s):

This application

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Kevin J. Canning
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: MWS-131

Street Address:
28 State StreetCity:
BostonState: MA Zip: 021096. Total number of applications and
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account☐ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

12-0080

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
is a true copy of the original document.*

Kevin J. Canning - 35,470

Name of Person Signing

Signature

August 18, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 6I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 419927013 US,
in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 18, 2004

Signature: (Kevin J. Canning)

08/25/2004 6TOM11 00000083 120080 10921579

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PATENT
REEL: 015731 FRAME: 0988

ASSIGNMENT BY INVENTORS

WE, Zhihong ZHAO; Donald Paul OROFINO, II; Brian K. OGILVIE; and Charles J. DEVANE, of Salem, New Hampshire; Sudbury, Massachusetts; Holliston, Massachusetts; and Upton, 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

SYNCHRONOUS MODELS IN MODELING ENVIRONMENTS

described in an application

☒ Executed by us 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 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.

Zhihong Zhao

Zhihong Zhao

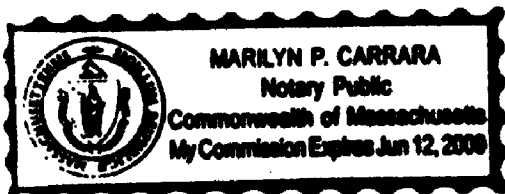
Date: 8/10/2004

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

On this 10th day of August, 2004 before me, the
the undersigned notary public, personally appeared Zhihong Zhao
(name of document signer), proved to me through satisfactory evidence of identification,
which was NH 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




Donald Paul Orofino, II

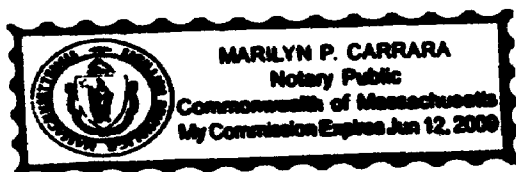
Date: 9 Aug '04

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

On this 9th day of August, 2004 before me, the
the undersigned notary public, personally appeared Donald Paul Orofino, II
(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



Brian K. Ogilvie
Brian K. Ogilvie

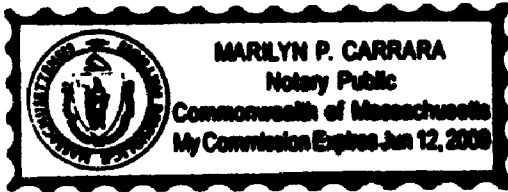
Date: August 10, 2004

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

On this 10th day of August, 2004 before me, the
the undersigned notary public, personally appeared Brian K. Ogilvie
(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



Charles J. DeVane
Charles J. DeVane

Date: 8/9/04

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

On this 9th day of August, 2004 before me, the
the undersigned notary public, personally appeared Charles J. DeVane
(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

