

Form PTO-1595 (Rev. 09/04)
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1. Name of conveying party(ies)/Execution Date(s):David KOH (03/02/2005) and Donald Paul
OROFINO, II (03/02/2005)

Execution Date(s), in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: The MathWorks, Inc.

Internal Address: _____

Street Address: _____

3 Apple Hill Drive

City: NatickState: MassachusettsCountry: United States of America Zip: 01760Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of Conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/021760

☐ 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
LAHIVE & COCKFIELD, LLPInternal Address: Atty. Dkt.: MWS-167Street Address: 28 State StreetCity: BostonState: MA Zip: 02109Phone Number: (617) 227-7400Fax Number: (617) 742-4214

Email Address: _____

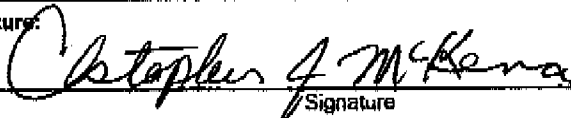
6. Total number of applications and patents involved:1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

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

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a. Credit Card Last 4 Numbers _____

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b. Deposit Account Number 12-0080Authorized User Name Kevin J. Canning**9. Signature:**

Signature

March 31, 2005

Date

Christopher J. McKenna - 53,302

Name of Person Signing

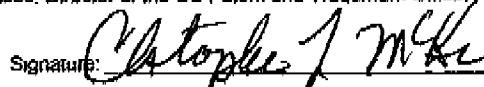
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Dated: March 31, 2005

Signature:

 (Christopher J. McKenna)

CH \$40.00 120080 11021760

ASSIGNMENT BY INVENTORS

WE, David KOH and Donald Paul OROFINO, II, of Boston, Massachusetts and Sudbury, 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

**AUTOMATIC GENERATION OF COMPONENT INTERFACES FOR COMPUTATIONAL
HARDWARE IMPLEMENTATIONS GENERATED FROM A BLOCK DIAGRAM MODEL**

described in an application

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

or

☒ Application No. 11/021760, filed on December 23, 2004

This application claims the benefit of the following provisional application(s):

☒ Provisional Application No. 60/611615, filed on September 20, 2004

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.



David Koh

Date:

2 Mar 2005

United States of America

State of

Massachusetts

ss.:

County of

Middlesex

On this 2nd day of March, 2005 before me, the
the undersigned notary public, personally appeared David Koh
(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.

 (official signature and seal of notary)

My commission expires

June 12, 2009

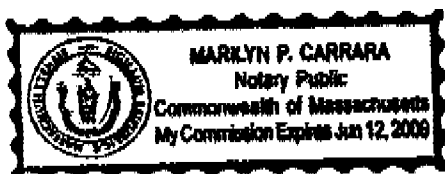

Donald Paul Orefino, II

Date: 2 March 2005

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

On this 2nd day of March, 2005 before me, the
the undersigned notary public, personally appeared Donald Paul Orefino, 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



FAX TRANSMISSION**DATE:** March 31, 2005**PTO IDENTIFIER:** Application Number 11/021760-Conf. #4158
Patent Number**Inventor:** David KOH et al.**MESSAGE TO:** USPTO PTAS System**FAX NUMBER:** (703) 306-5995**FROM:** LAHIVE & COCKFIELD, LLP
Christopher J. McKenna**PHONE:** (617) 227-7400**Attorney Dkt. #:** MWS-167**PAGES (Including Cover Sheet):** 7**CONTENTS:** Recordation Form Cover Sheet (1 page)
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