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m PTO-1595 (Rev. 06/05) B No. 0561-0027 (exp. 6/30/2006)	U.S. DEPARTMENT OF COMMER United States Patent and Trademark Of
<ol> <li>Name of conveying party(ies):</li> </ol>	2. Name and address of receiving party(les)
David KOH (2/24/06) and Brian K. OGILVIE (3/7/06)	Name: The MathWorks, Inc
	Internal Address:
Additional name(s) of conveying party(iss) attached?	Street Address:
<ol> <li>Nature of conveyance/Execution Date(s):</li> </ol>	
Execution Date(s): in parentheses after inventor name	3 Apple Hill Drive
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City:Natick
Government Interest Assignment	State: Massachusetts
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 01760
	Additional name(s) & address(es)
Other	attached?
4. Application or patent number(s):	This document is being filed together with a new application.
A, Patent Application No.(6)	B. Patent No.(s)
11/321919	
Additional numbers attached	
Name and address to whom correspondence	6. Total number of applications and 1 patents involved:
concerning document should be mailed: Neme: Kevin J. Canning	
Name: Kevin J. Canning LAHIVE & COCKFIELD, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.; MWS-226	Authorized to be charged by credit card
Street Address: 28 State Street	Authorized to be charged to deposit account
	None required (government interest not affecting
City: Boston	8, Payment Information
State: MAZip:02109	a. Credit Card Last 4 Numbers
Phone Number:(617) 227-7400	Expiration Date
Fax Number:(617) 742-4214	b. Deposit Account Number <u>12-0080</u>
Email Address:	Authorized User Name Kevin J. Canning
B. Signature:	
. Signature: Kull .	April 14, 2006
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Kevin J. Canning - 35,470	Total number of pages including cover
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# PATENT REEL: 017486 FRAME: 0276

### ASSIGNMENT BY INVENTORS

WE, David KOH and Brian K. OGILVIE, of Boston, Massachusetts and Holliston, 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 COMPARISON AND PERFORMANCE ANALYSIS BETWEEN DIFFERENT IMPLEMENTATIONS

described in an application

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

or

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x Application No. 11/321919, filed on December 29, 2005

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: 017486 FRAME: 0277

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David Koh

2006 Date: United States of America ) \$\$.: State of County of before me, the day of 2006 On this the undersigned notary public, personally appeared (name of document signer), proved to me through satisfactory evidence of identification, which was <u>MA driver's license</u>, to be the person whose name is signed on the preceding or attached document in my presence. \_\_\_(official signature and seal of notary) ne 12,2009 My commission expires MARILYN P. CARRARA Notary Public Commonwealth of Massachusetts ly Commission Expires Jun 12, 2009

Brian K. Ogilvæ

Date:

United States of America State of County of

On this $7^{-1}$ day of March, 2006 before me, the		
he undersigned notary public, personally appeared <u>Brian R. Ogilvie</u>		
name of document signer), proved to me through satisfactory evidence of identification,		
which was <u>MAdriver's license</u> , to be the person whose name		
is signed on the preceding or attached document in my presence.		

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official signature and seal of notary) June 12, 2009 My commission expires



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