PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIRKO CONRAD	10/19/2009
JOEL THORNTON	11/05/2009
PETER SZPAK	10/27/2009
XIAOCANG LIN	10/21/2009

RECEIVING PARTY DATA

Name:	THE MATHWORKS, INC.	
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City:	NATICK	
State/Country:	MASSACHUSETTS	
Postal Code:	01760	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14230218

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0069-0252C1	
NAME OF SUBMITTER:	PAUL A. HARRITY	
SIGNATURE:	/Paul A. Harrity, Reg. No. 39,574/	
DATE SIGNED:	03/31/2014	

Total Attachments: 6

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PATENT REEL: 032560 FRAME: 0022

ASSIGNMENT BY INVENTORS

WE, Mirko CONRAD; Joel David THORNTON; Peter SZPAK; and Xiaocang LIN, of Watertown, Massachusetts; Mesa, Arizona; Newton, Massachusetts; and Wayland, 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

VERIFICATION OF COMPUTER-EXECUTABLE CODE GENERATED FROM A MODEL

**
Executed by us of even date herewith and about to be filed
or
x Application No. 12/559,233, filed on September 14, 2009
This application claims the benefit of the following provisional application(s):
Provisional Application No. 61/103167, filed on October 6, 2008 Provisional Application No. 61/103161, filed on October 6, 2008

described in an application

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.

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MWS-362

PATENT

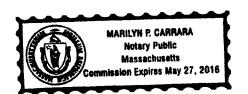
REEL: 032560 FRAME: 0023

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.

Mirko Conrad

Date: 0CF 13, 2009			
United States of America State of Masschusetts) ss.: County of M. I de Cet Masschusetts)			
On this 19 Th day of October, 3009 before me, the the undersigned notary public, personally appeared Mirko Conrad			
(name of document signer), proved to me through satisfactory evidence of identification,			
which was $\gamma \gamma \lambda c c c c c c c c c c c c c c c c c $			
Mare f. (augus (official signature and seal of notary)			
My commission expires May 27, 2016			



United States of America
State of Wasschusetts) ss.:

County of Middect

On this day of Lovember , 2009 before me, the the undersigned notary public, personally appeared Joel David Thornton (name of document signer), proved to me through satisfactory evidence of identification, which was 27 (river's license , to be the person whose name is signed on the preceding or attached document in my presence.

My commission expires (official signature and seal of notary)



United States of America

State of

County of

On this 27 day of 0 to ber

Character of the undersigned notary public, personally appeared for the continuous satisfactory evidence of identification, which was 1 A vriver is 1. Cense to be the person whose name is signed on the preceding or attached document in my presence.

Peter Szpak

Date:

Peter Szpak

Date:

On this 27 day of 0 to ber to be fore me, the the undersigned notary public, personally appeared for the continuous presence of identification, which was 1 A vriver is 1. Cense to be the person whose name is signed on the preceding or attached document in my presence.

On this 27 day of 0 to be represent the continuous presence of identification, which was 1 A vriver is 1. Cense (official signature and seal of notary)

My commission expires May 27 2016



	Xiaocang Lin	
Date: $\frac{10/21/09}{}$		
United States of America State of Macsachuse Hs) ss.: County of Middle Set		
On this 2/51 day of October the undersigned notary public, personally appeared (name of document signer), proved to me through sat which was MA Oriver's license is signed on the preceding or attached document in m	Xi a ocang L isfactory evidence of ide , to be the pe	ntification,
Marif Canaca (of My commission expires May 27, a	fficial signature and seal	of notary)

MARILYN P. CARRARA Notary Public Massachusetts

nission Expires May 27, 2016

PATENT REEL: 032560 FRAME: 0028 **RECORDED: 03/31/2014**