PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian MIRTICH	05/13/2011
Jeffrey WENDLANDT	05/16/2011

RECEIVING PARTY DATA

Name:	The MathWorks, Inc.
Street Address:	3 Apple Hill Drive
City:	Natick
State/Country:	MASSACHUSETTS
Postal Code:	01760

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13109676

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ATTORNEY DOCKET NUMBER:	MWS-386CP2
NAME OF SUBMITTER:	Pamela J. Pari

Total Attachments: 4

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PATENT REEL: 026293 FRAME: 0538

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ASSIGNMENT BY INVENTORS

WE, Brian MIRTICH and Jeffrey WENDLANDT, of Phoenix, Arizona and Newton, 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

MANAGING DYNAMIC STATE OF A PHYSICAL SYSTEM

| x | Executed by us of even date herewith and about to be filed or | Application No. ______, filed on _____ |

This application claims the benefit of the following provisional application(s): | x | Provisional Application No. 61/394198, filed on October 18, 2010

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.

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MWS-386CP2

And we do further hereby grant the attorneys/agents of Nelson Mullins Riley & Scarborough LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Date: 13 May 2011
United States of America State of Massachusetts Ss.: County of Middle Set
On this 13th day of May , 2011 before me, the the undersigned notary public, personally appeared Brian Mirtich (name of document signer), proved to me through satisfactory evidence of identification, which was QZ driver's like , to be the person whose name
is signed on the preceding or attached document in my presence.
My commission expires War 27 20/6



Date: 5/16/1/
United States of America
State of Massachusetts) ss.:
County of Middless
On this 16 day of 10 years of the undersigned notary public, personally appeared 17 Prey Wendland (name of document signer), proved to me through satisfactory evidence of identification, which was 18 driver's liver of the person whose name is signed on the preceding or attached document in my presence.
Man f. Guara (official signature and seal of notary)
My commission expires Nay 27, 2016



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