PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John GLASS	03/08/2006
Thomas J. ERKKINEN	03/09/2006

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:	13280034

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

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Address Line 2: 30th Floor

Address Line 4: Boston, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	MWS-244CN
NAME OF SUBMITTER:	Kevin J. Canning

Total Attachments: 3

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> PATENT REEL: 027451 FRAME: 0188

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ASSIGNMENT BY INVENTORS

WE, John GLASS and Thomas J. ERKKINEN, of Franklin, Massachusetts and Ann Arbor, Michigan, 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

DIGITAL EFFECTS ANALYSIS IN MODELING ENVIRONMENTS

described in an application		
Executed by us of even date herewith and about to be filed		
or		
X Application No. 11/320,214, filed on December 27, 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.

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MWS-244

John Glass			
Date: $\frac{3/8/2000}{2000}$			
United States of America)			
State of Massachusetts) ss.:			
County of Middle sex			
On this Step day of March, 2006 before me, the			
the undersigned notary public, personally appeared John Glass			
(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.			
Mary P. Course (official signature and seal of notary)			
My commission expires June 12,2009			



		Thomas J. Erkkinen
Date:	March 9 2006	
		S. C. turk
Date:	March 9 2006	Witness Sita Estarta

RECORDED: 12/28/2011