#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Donald Paul OROFINO II	09/08/2003
Michael James LONGFRITZ	09/08/2003
Darel Allen LINEBARGER	09/08/2003
Ramamurthy MANI	09/08/2003

#### **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:	12760912	

#### **CORRESPONDENCE DATA**

Fax Number: (617)742-4214

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (617) 227-7400
Email: lea@lahive.com
Correspondent Name: Kevin J. Canning

Address Line 1: LAHIVE & COCKFIELD, LLP/THE MATHWORKS

Address Line 2: One Post Office Square

Address Line 4: Boston, MASSACHUSETTS 02109-2127

ATTORNEY DOCKET NUMBER:	MWS-052DVCN
NAME OF SUBMITTER:	Kevin J. Canning

Total Attachments: 2

PATENT REEL: 024238 FRAME: 0773 \$40.00 12/6091

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PATENT REEL: 024238 FRAME: 0774

## ASSIGNMENT

We, Donald Paul Orofino, II of Sudbury, Massachusetts, Michael James Longfritz of Waltham, Massachusetts, Darel Allen Linebarger of Southborough, Massachusetts and Ramamurthy Mani of Needham, Massachusetts, and 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, MA,, 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

### APPLYING CONSTRAINTS TO BLOCK DIAGRAM MODELS

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described	ın	an	app	lica	tıor

- are executed by us of even date herewith and about to be filed
- Serial No. 10/424,990, filed on April 28, 2003

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.

Commonwealth of Massachusettes )

Sounty of Middlesex )

Then personally appeared the above named Donald Paul Orofino, II and acknowledged the foregoing instrument to be his free act and deed, before me, this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2003.

MARILYN P. CARRARA Notary Public Commonwealth of Massachusetts My Commission Expires June 12, 2009 Notary Public Canala

My commission expires: June 12, 2009

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**REEL: 024238 FRAME: 0775** 

( ji	Attorney D # MWS-052DV
WITNESS my hand and seal this day of	By Mala V Jones A
Commonwealth of Massachusettes )	Michael James Longfiltz
County of M: Idlesex )ss	
Then personally appeared the above named Michael foregoing instrument to be his free act and deed, before m, 2003.	James Longfritz and acknowledged the e, this day of tember
MARILYN P. CARRARA  Notary Public  Commonwealth of Massachusetts  My Commission Expires  June 12, 2009	Motary Public Carson
June 12, 2009	My commission expires: June 12,2009
WITNESS my hand and seal this day of	September, 2003.
Commonwealth of Massachusetts ) County of M. Llesey )	By: Ward allen June Darel Allen Linebarger
Then personally appeared the above named Darel Allen L instrument to be his free act and deed, before me, this	inebarger and acknowledged the foregoing  day of <u>September</u> , 2003.
MARILYN P. CARRARA Notary Public Commonwealth of Massachusetts My Commission Expires	Notary Public & Carrare.
June 12, 2009	My commission expires: June 12, 2009
WITNESS my hand and seal this $\delta$ day of	September, 2003.
Commonwealth of Massachusetts )	By: Ramamurthy Mani
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
County of Middlesey)	
Then personally appeared the above named Ramamurth instrument to be her free act and deed, before me, this	Mani and acknowledged the foregoing day of September, 2003.
MARILYN P. CARRARA Notary Public	Motary Public Carraro
Commonwealth of Massachusetts My Commission Expires June 12, 2009	My commission expires: June 12,2009

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**PATENT REEL: 024238 FRAME: 0776** 

**RECORDED: 04/15/2010**