

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2598881

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOSEPH R. BIENKOWSKI</td> <td>10/23/2013</td> </tr> <tr> <td>CLAUDIA G. WEY</td> <td>10/23/2013</td> </tr> <tr> <td>MICHELLE D. ERICKSON</td> <td>10/28/2013</td> </tr> <tr> <td>BENJAMIN V. HINKLE</td> <td>10/30/2013</td> </tr> <tr> <td>JARED D. MACDONALD</td> <td>10/28/2013</td> </tr> <tr> <td>JOHN E. BOOKER</td> <td>10/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOSEPH R. BIENKOWSKI	10/23/2013	CLAUDIA G. WEY	10/23/2013	MICHELLE D. ERICKSON	10/28/2013	BENJAMIN V. HINKLE	10/30/2013	JARED D. MACDONALD	10/28/2013	JOHN E. BOOKER	10/29/2013
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JARED D. MACDONALD	10/28/2013														
JOHN E. BOOKER	10/29/2013														
<b>RECEIVING PARTY DATA</b>															
Name:	THE MATHWORKS, INC.														
Street Address:	3 APPLE HILL DRIVE														
City:	NATICK														
State/Country:	MASSACHUSETTS														
Postal Code:	01760-2098														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14068263</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14068263										
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Application Number:	14068263														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(571)432-0808														
Phone:	5714320800														
Email:	neways@harrityllp.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	HARRITY & HARRITY LLP														
Address Line 1:	11350 RANDOM HILLS RD														
Address Line 2:	SUITE 600														
Address Line 4:	FAIRFAX, VIRGINIA 22030														
ATTORNEY DOCKET NUMBER:	0069-0225CP1														

OP \$40.00 14068263

NAME OF SUBMITTER:	NEIL R. KARDOS
Signature:	/Neil R. Kardos, Reg. No. 67,238/
Date:	10/31/2013
<b>Total Attachments: 8</b> source=0069-0225CP1_Assignment#page1.tif source=0069-0225CP1_Assignment#page2.tif source=0069-0225CP1_Assignment#page3.tif source=0069-0225CP1_Assignment#page4.tif source=0069-0225CP1_Assignment#page5.tif source=0069-0225CP1_Assignment#page6.tif source=0069-0225CP1_Assignment#page7.tif source=0069-0225CP1_Assignment#page8.tif	

**ASSIGNMENT  
(Joint)  
Worldwide Rights**

THIS ASSIGNMENT, by Joseph R. BIENKOWSKI, Claudia G. WEY, Michelle D. ERICKSON, Benjamin V. HINKLE, Jared D. MACDONALD, and John E. BOOKER residing at Ashland, MA, Wayland, MA, Watertown, MA, Brookline, MA, Cambridge, MA, and Jamaica Plain, MA (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in A PROGRAMMING ENVIRONMENT FOR EXECUTING PROGRAM CODE DESPITE ERRORS AND FOR PROVIDING ERROR INDICATORS set forth in an application for Letters Patent of the United States,

- (1)  which is a provisional application  
(a)  filed herewith; or  
(b)  bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_; or
- (2)  which is a non-provisional application  
(a)  bearing Application No. 14/068,263, and filed on 10/31/2013; or  
(b)  filed herewith; and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, The MathWorks, Inc., a corporation of the state of Delaware, having its principal place of business at 3 Apple Hill Drive, Natick, Massachusetts 01760-2098 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application or from which said application claims priority, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications claiming priority to said applications, including divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

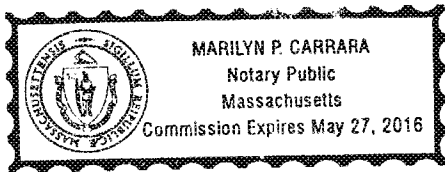
IN WITNESS WHEREOF, I hereto set my hand.

Joseph R. BIENKOWSKI  
41 Edgewood Drive  
Ashland, MA 01721

Signature: J. Bienkowski  
Date: 10.23.2013

State of Massachusetts )  
County of W. Middlesex ) ss:

On this 23<sup>rd</sup> day of October, 2013, before me, Marilyn P. Carrara Notary Public, personally appeared Joseph R. BIENKOWSKI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

Marilyn P. Carrara  
Signature of Notary Public  
My Commission Expires: May 27, 2016

IN TESTIMONY WHEREOF, I have hereunto set my hand.

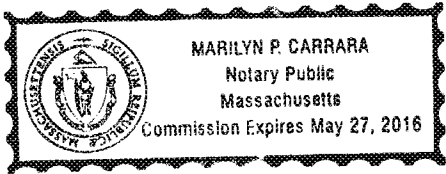
IN WITNESS WHEREOF, I hereto set my hand.

Claudia G. WEY  
18 Bald Rock Road  
Wayland, MA 01778

Signature: *Claudia Wey*  
Date: 10-23-2013

State of Massachusetts )  
County of Middlesex ) ss:

On this 23<sup>rd</sup> day of October, 2013, before me Marilyn P. Carrara, Notary Public, personally appeared Claudia G. WEY personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity, and that by his/~~her/their~~ signature on the instrument the persop(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

*Marilyn P. Carrara*  
Signature of Notary Public  
My Commission Expires: May 27, 2016

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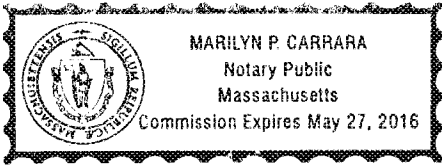
IN WITNESS WHEREOF, I hereto set my hand.

Michelle D. ERICKSON  
79 Myrtle Street Apt. #2  
Watertown, MA 02472

Signature: Michelle Erickson  
Date: 10/28/13

State of Massachusetts )  
  ) ss:  
County of Middlesex )

On this 28<sup>th</sup> day of October, 2013, before me, Marilyn Carrara, Notary Public, personally appeared Michelle D. ERICKSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

Marilyn P. Carrara  
Signature of Notary Public  
My Commission Expires: May 27, 2016

IN TESTIMONY WHEREOF, I have hereunto set my hand.

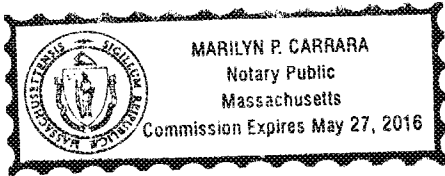
IN WITNESS WHEREOF, I hereto set my hand.

Benjamin V. HINKLE  
471 Washington Street Apt. #7  
Brookline, MA 02446

Signature: Benjamin Hinkle  
Date: 10/30/13

State of Massachusetts )  
County of Middlesex ) ss:

On this 30<sup>th</sup> day of October, 2013, before me, Marilyn P. Carrara, Notary Public, personally appeared Benjamin V. HINKLE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity, and that by his/~~her/their~~ signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

Marilyn P. Carrara  
Signature of Notary Public  
My Commission Expires: May 27 2016



IN TESTIMONY WHEREOF, I have hereunto set my hand.

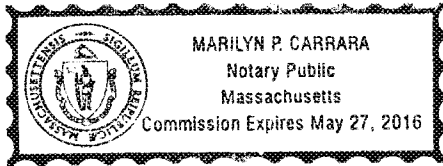
IN WITNESS WHEREOF, I hereto set my hand.

Jared D. MACDONALD  
66 Dudley Street Apt. #1  
Cambridge, MA 02140

Signature: [Handwritten Signature]  
Date: 10/28/2013

State of Massachusetts )  
County of Middlesex ) ss:

On this 28<sup>th</sup> day of October, 2013, before me, Marilyn P. Carrara, Notary Public, personally appeared Jared D. MACDONALD personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

[Handwritten Signature]  
Signature of Notary Public  
My Commission Expires: May 27, 2016

IN TESTIMONY WHEREOF, I have hereunto set my hand.

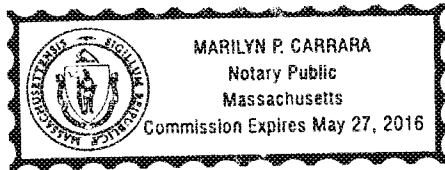
IN WITNESS WHEREOF, I hereto set my hand.

John E. BOOKER  
96 Sheridan Street Apt. #2  
Jamaica Plain, MA 02130

Signature: *John Booker*  
Date: 24 - Oct - 2013

State of Massachusetts )  
  ) ss:  
County of Middlesex )

On this 29<sup>th</sup> day of October, 2013, before me, Marilyn P. Carrara, Notary Public, personally appeared John E. BOOKER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

*Marilyn P. Carrara*  
Signature of Notary Public  
My Commission Expires: May 27, 2016