

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Paul KERR-DELWORTH (05/14/2007) and Ian NOELL (05/14/2007)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: The MathWorks, Inc.

Internal Address: _____

Street Address: _____

3 Apple Hill Drive

City: Natick

State: Massachusetts

Country: United States of America Zip: 01760

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/647,107

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kevin J. Canning
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: MWS-323

Street Address: One Post Office Square

City: Boston

State: MA Zip: 02109-2127

Phone Number: (617) 227-7400

Fax Number: (617) 742-4214

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 12-0080

Authorized User Name Kevin J. Canning

9. Signature:



Signature

May 29, 2007

Date

Kevin J. Canning - 35,470

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 29, 2007

Signature:  (Kevin J. Canning)

CH \$40.00 120080 11647107

Attorney Docket No.: MWS-323

ASSIGNMENT BY INVENTORS

WE, Paul KERR-DELWORTH and Ian NOELL, of Cams, United Kingdom and Cambridge, United Kingdom, 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

OPTIMIZATION USING TABLE GRADIENT CONSTRAINTS

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 11/647,107, filed on December 27, 2006

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.


Attorney Docket No.: MWS-323

Date: May 14, 2007


Paul Kerr-Delworth

Witness:

Date: 14 May 2007



Attorney Docket No.: MWS-323

Date: 14 May 2007I H Noell
Ian Noell

Witness:

Date: 14/5/07[Signature]

FAX TRANSMISSION**DATE:** May 29, 2007**PTO IDENTIFIER:** Application Number 11/647,107-Conf. #2376
Patent Number**Inventor:** Paul KERR-DELWORTH et al.**MESSAGE TO:** USPTO PTAS System**FAX NUMBER:** (571) 273-0140**FROM:** LAHIVE & COCKFIELD, LLP
Kevin J. Canning**PHONE:** (617) 227-7400**Attorney Dkt. #:** MWS-323**PAGES (Including Cover Sheet):** 6**CONTENTS:** Assignment (3 pages)
Recordation Form Cover Sheet (1 page)
Charge \$40.00 to deposit account 12-0080
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 227-7400 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

LAHIVE & COCKFIELD, LLP
One Post Office Square, Boston, Massachusetts 02109-2127
Telephone: (617) 227-7400 **Facsimile:** (617) 742-4214

PTO/SB/97 (09-04)

Approved for use through 07/31/2006, OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 11/647,107

Attorney Docket No.: MWS-323

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on May 29, 2007
Date



Signature

Kevin J. Canning

Typed or printed name of person signing Certificate

35,470

Registration Number, if applicable

(617) 227-7400

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Assignment (3 pages)
Recordation Form Cover Sheet (1 page)
Charge \$40.00 to deposit account 12-0080