

12-05-2000

Docket No.: P1302USA

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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101540037

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Wen-Mei William HWU, Matthew Carl MERTEN, Andrew Raymond TRICK, Christopher Neith GEORGE and John Christopher GYLLENHAAL

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 4, 2000

2. Name and address of receiving party(ies):

Name: Board of Trustees of the University of Illinois

Internal Address: _____

Street Address: 352 Henry Administration Building,
506 S. Wright St.

City: Urbana State: IL ZIP: 61801

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/520,474

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brian C. Rupp

Internal Address: GARDNER, CARTON & DOUGLAS

Street Address: 321 North Clark Street

Suite 3400

City: Chicago State: IL ZIP: 60610

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

07-0181

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian C. Rupp

Name of Person Signing

Signature Brian C. Rupp

Date Oct. 19, 2000

Total number of pages including cover sheet, attachments, and document: 6

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PATENT
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04-10-2000

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



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To the Honorable Commissioner of Pa.

101311672

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Wen-Mei William HWU, Matthew Carl MERTEN, Andrew
Raymond TRICK, Christopher Neith GEORGE and John
Christopher GYLLENHAAL

Additional names(s) of conveying party(ies)

2. Name and address of receiving party(ies):

Name: Board of Trustees of the University of Illinois

Internal Address:

Street Address: 352 Henry Administration Building,

506 S. Wright St.

City: Urbana State: IL ZIP: 61801

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 4, 2000

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: March 8, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Brian C. Rupp

Internal Address:

Street Address: 321 North Clark Street

Suite 3400

City: Chicago State: IL ZIP: 60610

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

07-0181

04/10/2000 DNGUYEN 00000282 09520474

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian C. Rupp

Name of Person Signing

Signature

Date

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

6

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is acknowledged, we, WEN-MEI WILLIAM HWU, MATTHEW CARL MERTEN, ANDREW RAYMOND TRICK, CHRISTOPHER NEITH GEORGE and JOHN CHRISTOPHER GYLLENHAAL hereby agree to assign, and do hereby assign to the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a corporation of Illinois having a principal place of business in Urbana, Illinois, and to its successors, legal representatives and assigns (the "Assignee"), the entire right, title and interests throughout the world in and to the invention and improvements in "METHOD AND APPARATUS FOR INSTRUCTION EXECUTION HOT SPOT DETECTION AND MONITORING IN A DATA PROCESSING UNIT" jointly invented by us, together with the patent rights and rights of protection to the invention or improvements throughout the world, including any patent rights which may result or claim priority from United States Provisional Patent Application Serial No. 60/168,481, filed 01 December 1999, and in and to any and all divisional, continuation, reissue, reexamination, renewal, extension, substitution and confirmation applications and patents granted thereon, to be held and enjoyed by the Assignee for its own use and behalf as fully and entirely as if the invention or improvements would have been held and enjoyed by us if this Assignment had not been made.

We warrant that we are the sole and exclusive owners of the interests assigned herein and have the right to make this Assignment. We further warrant that there are no prior sales, assignments, leases, agreements or any encumbrances of any type in the interests assigned herein. We agree that we will not execute any writing or do any act whatsoever which conflicts with the interests assigned herein.

We authorize Assignee to make application on its own behalf for patent rights and rights of protection in countries foreign to the United States and where expedient to claim under international law or convention or the laws of any particular country (such as the International Convention for the Protection of Industrial Property) for any such application the date of the United States application as priority to such other application. We further authorize Assignee to claim under international law or convention or the laws of any particular country such priority rights without further written or oral authorization from us. We consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required under international law or convention or the laws of any particular country for any purpose, including the right of Assignee to claim such priority rights.

We authorize and request the patent office officials in the United States and in countries foreign to the United States to issue the patent rights to the Assignee.

We authorize and request the attorneys of record in the application to insert in this Assignment the date and serial number of the application when known.

We hereby agree, upon the request and at the expense of the Assignee, but without further or additional consideration, to execute any and all divisional, continuation, reissue, reexamination, renewal, extension, substitution and confirmation applications for the invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, that the Assignee may deem necessary or expedient. We agree to promptly provide Assignee all pertinent facts and documents relating to the invention of which we know or of which we in the future become aware. We further agree, upon the request of the Assignee, in the event of the application or any divisional, continuation, reissue, reexamination, renewal, extension, substitution or confirmation applications and patents granted on the invention or any improvements becoming involved in an interference, opposition, court or other proceeding, to cooperate to the best of our ability with the Assignee in preparing and executing the preliminary statement, giving and producing evidence, and giving testimony in support thereof.

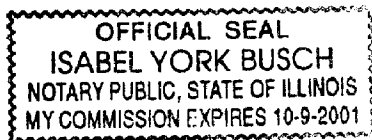
First Inventor's Signature: Wen-me

Name: Wen-me William HWU

Date: February 29, 2000

State of ILLINOIS)
County of CHANDLER) SS.

Before me, a Notary Public in and for the County and State aforesaid, appeared to me personally Wen-me William Hwu known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act for the uses and purposes therein expressed.



Isabel York Busch
Notary Public
My Commission Expires October 9, 2001

Second Inventor's Signature: Matthew Merten

Name: Matthew Carl MERTEN

Date: Feb 29, 2000

State of ILLINOIS)
County of CHANDLER) SS.


Before me, a Notary Public in and for the County and State aforesaid, appeared to me personally Matthew Carl Merten known to be the same person whose name is subscribed to the


Notary Public
My Commission Expires October 9, 2001



Date: March 4, 2000

State of CALIFORNIA)
) SS.
County of ALAMEDA)

 **MICKEY LEFCOURT**
Comm. # 1133446
NOTARY PUBLIC - CALIFORNIA
Alameda County
My Comm. Expires April 13, 2001



 Notary Public
 My Commission Expires April 13, 2001

PATENT
REEL: 011286 FRAME: 0812