

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

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)

MICHAEL N. GRUSSING; DONALD R. UZARSKI;  
LANCE R. MARRANO; and JASON M. SCHNEIDER  
(ALSO FILE IN THE GOVERNMENT REGISTER)

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

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

Execution Date(s) 07/08/2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

Name: UNITED STATES GOVERNMENT

Internal Address: HUMPHREYS ENGINEER CENTER

CEHEC-OC (KINGMAN BLDG.)

Street Address: 7701 TELEGRAPH ROAD

City: ALEXANDRIA

State: VA

Country: USA Zip: 22315-3860

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

### 4. Application or patent number(s):

A. Patent Application No.(s)

11/194,655

☐ 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: PATRICIA HOWLAND

Internal Address: HUMPHREYS ENGINEER CENTER

CEHEC-OC (KINGMAN BLDG.)

Street Address: 7701 TELEGRAPH ROAD

City: ALEXANDRIA

State: VA Zip: 22315-3860

Phone Number: 703 428-6672

Fax Number: 703 428-7633

Email Address: PATRICIA.L.HOWLAND@ARMY.MIL

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$40

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

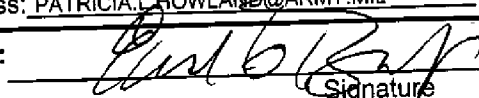
### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 01-2505

Authorized User Name EARL H. BAUGHER, JR.

### 9. Signature:

  
Signature

04 AUGUST 2005  
Date

EARL H. BAUGHER, JR.  
Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 012505 11194655

Attorney Docket No.  
COE-598

ASSIGNMENT

## ASSIGNMENT OF INVENTION

Title of Invention: **FUNCTIONALITY INDEX (FI) FOR USE WITH AN ENGINEERING  
MANAGEMENT SYSTEM (EMS)**Inventor: **MICHAEL N. GRUSSING**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters patent.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

Michael N. Grussing

Date:

7/6/05

Name of Inventor:

MICHAEL N. GRUSSING  
(First Name) (Middle Initial) (Last Name)

Address:

CHAMPAIGN, CHAMPAIGN IL 61822  
(Locality) (County) (State)State of ILLINOIS)

} ss.

County of CHAMPAIGN)

On the above date, MICHAEL N. GRUSSING, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledge to me that the same is his own free act and deed.

My commission Expires:

3/6/06

Signature of Notary Public

Tracy L. Bickers

Attorney Docket No.  
COE-598

ASSIGNMENT

## ASSIGNMENT OF INVENTION

Title of Invention: **FUNCTIONALITY INDEX (FI) FOR USE WITH AN ENGINEERING  
MANAGEMENT SYSTEM (EMS)**Inventor: **DONALD R. UZARSKI**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters patent.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

Donald R. Uzarski Date: 7/8/05

Name of Inventor:

DONALD R. UZARSKI  
(First Name) (Middle Initial) (Last Name)

Address:

CHAMPAIGN, CHAMPAIGN IL 61821  
(Locality) (County) (State)State of ILLINOIS )

} ss.

County of CHAMPAIGN )

On the above date, DONALD R. UZARSKI, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledge to me that the same is his own free act and deed.

My commission Expires:

3/6/06Tracy L. Bickers  
Signature of Notary Public**PATENT**  
**REEL: 016612 FRAME: 0239**

Attorney Docket No.  
COE-598

ASSIGNMENT

## ASSIGNMENT OF INVENTION

Title of Invention: **FUNCTIONALITY INDEX (FI) FOR USE WITH AN ENGINEERING  
MANAGEMENT SYSTEM (EMS)**

Inventor: **LANCE R. MARRANO**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters patent.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: *Lance R. Marrano*Date: 7/6/2005

Name of Inventor:

LANCE R. MARRANO  
(First Name) (Middle Initial) (Last Name)

Address:

CHAMPAIGN, CHAMPAIGN IL 61822  
(Locality) (County) (State)

State of ILLINOIS )

} ss.

County of CHAMPAIGN )

On the above date, **LANCE R. MARRANO**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledge to me that the same is his own free act and deed.

My commission Expires: 3/6/06*Tracy L. Bickers*  
Signature of Notary Public

PATENT  
REEL: 016612 FRAME: 0240

Attorney Docket No.  
COE-598

ASSIGNMENT

## ASSIGNMENT OF INVENTION

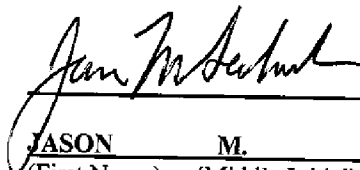
**Title of Invention:** *FUNCTIONALITY INDEX (FI) FOR USE WITH AN ENGINEERING  
MANAGEMENT SYSTEM (EMS)*

**Inventor:** **JASON M. SCHNEIDER**

The undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assigns to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters patent.
2. Agrees to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all rights, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government or in furtherance of the foreign policies of the Government, or both.
3. Agrees to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:



Date:

7/6/05

Name of Inventor:

JASONM.SCHNEIDER

(First Name) (Middle Initial) (Last Name)

Address:

CHAMPAIGN, CHAMPAIGN IL 61820

(Locality) (County) (State)

State of ILLINOIS )

} ss.

County of CHAMPAIGN )

On the above date, **JASON M. SCHNEIDER**, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledge to me that the same is his own free act and deed.

My commission Expires:

3/6/06

Signature of Notary Public



PATENT

RECORDED: 08/04/2005

REEL: 016612 FRAME: 0241