

Form PTO-1595 (Rev. 07/05)
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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)

Shengming Liu

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

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

Execution Date(s) July 8, 2008

- ☒ 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: Siemens Product Lifecycle Management Software Inc.

Internal Address: Suite 600

Street Address: 5800 Granite Parkway

City: Plano

State: Texas

Country: US Zip: 75024

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

4. Application or patent number(s):

A. Patent Application No.(s)
12/050,812

☐ 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: James Harlan

Internal Address: Intellectual Property Department

Street Address: 170 Wood Avenue South

City: Iselin

State: New Jersey Zip: 08830

Phone Number: (972) 987-3054

Fax Number: (972) 987-3379

Email Address: jim.harlan@siemens.com

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)

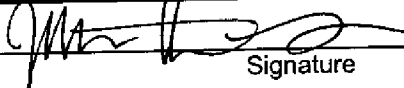
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 503346

Authorized User Name James Harlan

9. Signature:



Signature

July 21, 2008

Date

James I. Harlan, Reg. No. 51,778

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 503346 12050812

25-07-009A

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, have invented certain new and useful improvements in a "NUMERICAL CONTROL ARRANGEMENT", disclosed in an application for United States Letters Patent (Application No. 12/050,812 filed March 18, 2008).

WHEREAS, Siemens Product Lifecycle Management Software Inc. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 5800 Granite Parkway, Suite 600, Plano, Texas 75024, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

25-07-009A

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 8th day of July, 2008.

Inventor:Shengming Liu

Shengming Liu

9456 Fernbury St.
(Residence Address)Cypress, CA 90630

(Residence City, State)

08/07/2008

(Date)

Witnesses:[Signature]

(Signature of witness)

6 Salerno
(Witness Address)Irvine CA 92614

(Witness City, State)

July 8, 2008

(Date)

Witness:[Signature]

(Signature of witness)

12937 ARABELLA PLACE
(Witness Address)Cerritos, CA 90703

(Witness City, State)

July 8, 2008

(Date)