

12-22-2003

REGISTRATION FORM COVER SHEET

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



PATENTS ONLY

102629509

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

1. Name of conveying party(ies):

Daniel R. Juliano  
Douglas B. Hayden

12.15.03

2. Name and address of receiving party(ies)

Name: NOVELLUS SYSTEMS, INC.

Internal Address:

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: December 12, 2003

Street Address: 4000 North First Street

City: San Jose State: CA Zip: 95134

Additional Name(s) & address(es) attached?  Yes  No

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

If this document is being filed together with a new application, the execution date of the application is: Dec. 11 and 12, 2003

10735987

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: OKAMOTO & BENEDICTO LLP

Internal Address:

Street Address: P.O. BOX 641330

City: San Jose State: CA Zip: 95164-1330

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Patrick D. Benedicto  
Name of Person Signing

Patrick Benedicto  
Signature

December 15, 2003  
Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

12/18/2003 NGUYEN 00000015 10735987

04 FC:8021

40.00 OP

PATENT  
REEL: 014799 FRAME: 0574

081356 U.S. PTO

10735987



121503

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Novellus Systems, Inc.**, a **California** corporation, having a place of business at **4000 North First Street, San Jose, California 95134**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled "**METHODS AND APPARATUS FOR MAGNETRON SPUTTERING**" ("APPLICATION"), which:

- is to be filed herewith  
 was filed on \_\_\_\_\_,  
 now bearing U.S. serial number \_\_\_\_\_; and

2. The entire worldwide right, title, and interest in and to:  
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
 (c) all divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world;  
 (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Document: ASSIGNMENT

Re:  
Title: Methods And Apparatus For Magnetron Sputtering  
Filed: (if applicable)  
Atty. Docket No. 10001.002100 (NVLS 2848)

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

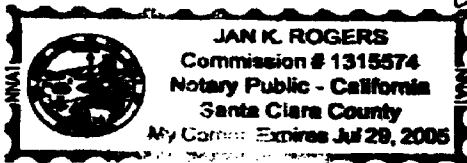
Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u>Daniel R. Juliano</u> Daniel R. Juliano	12-12-2003	12-11-2003

State of CALIFORNIA } S.S.  
County of SANTA CLARA }

On DECEMBER 12, 2003 before me, JAN K. ROGERS personally  
[DATE] [NOTARY PUBLIC]  
appeared DANIEL R. JULIANO personally known to me or proved to me on the basis of  
[INVENTOR]

satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

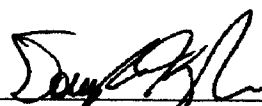
Notary Seal



JAN K. ROGERS  
Notary

Title of Document: ASSIGNMENT

Re:  
Title: Methods And Apparatus For Magnetron Sputtering  
Filed: (if applicable)  
Atty. Docket No. 10001.002100 (NVLS 2848)

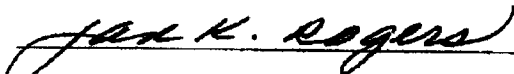
<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Douglas B. Hayden	<u>12/12</u> 2003	<u>12/12</u> 2003

State of CALIFORNIA } S.S.  
County of SANTA CLARA }

On DECEMBER 12, 2003 before me, JAN K. ROGERS personally  
[DATE] [NOTARY PUBLIC]  
appeared DOUGLAS B. HAYDEN personally known to me or proved to me on the basis of  
[INVENTOR]

satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/hers] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

  
Notary

