

**ASSIGNMENT RECORDATION COVER SHEET  
-PATENTS ONLY-**

To: Commissioner of Patents:  
Please record the attached document:

1. Name and address of conveying party:  
Name: LSI Logic Corporation  
Address: 1621 Barber Lane  
Milpitas, CA 95035-7458

2. Name and address of receiving party:  
Name: Lam Research Corporation  
Address: 4650 Cushing Parkway  
Fremont, CA 94538-6470

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  License Agreement

Execution Date: April 19, 2006

4. Patent Number: 5,578,165

The title of the application is:

COIL CONFIGURATIONS FOR IMPROVED UNIFORMITY IN INDUCTIVELY COUPLED  
PLASMA SYSTEMS

5. Please send all correspondence concerning this document to:

Michael S. Brandt  
Lam Research Corporation  
4650 Cushing Parkway, CA-1  
Fremont, CA 94538  
**Customer Number 27787**  
Tel. No. (510) 572-1667  
Fax No. (510) 572-2876

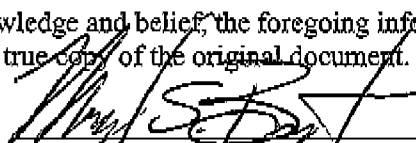
6. Total number of applications and patents involved: 1

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

Please charge Deposit Account No. 50-1842 (Order No. P0038).  
 Any deficiency is authorized to be charged to Deposit Account No. 50-1842 (Order No. P0038).

8. 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.

Date: May 18, 2006

  
\_\_\_\_\_  
Michael S. Brandt, Registration No. 39,119

Docket No. P0038

CH \$40.00 501842 5578165

ATTACHMENT 1  
FORM OF ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is entered into as of April 13, 2006, by and between LSI Logic Corporation ("LSI"), a Delaware corporation ("Assignor") and Lam Research Corporation, a Delaware corporation ("Assignee").

WHEREAS, Assignor has developed other patents, patents pending and patent applications not involving the subject of the Agreement for the Sale and Assignment of Patents, and Assignee acknowledges that only United States Patent 5,401,350, Patrick, et al., issued March 28, 1995, entitled "*Coil configurations for improved uniformity in inductively coupled plasma systems*" and United States Patent 5,578,165, Patrick, et al., issued November 26, 1996, entitled "*Coil configurations for improved uniformity in inductively coupled plasma systems*" (the "Patents") and the inventions covered thereby (collectively, with the Patents, the "Patents and Related Property") are within the scope and intent of this Assignment;

NOW, THEREFORE, in consideration of the foregoing and the mutual promises contained herein and other good and valuable consideration received and adequacy of which is hereby acknowledged, the parties agree as follows:

1. **Assignment.** Assignor agrees to and does hereby assign, transfer and deliver to Lam Research Corporation, its successors and assigns, all of Assignor's right, title and interest in and to the Patents, and in and to any division, continuation or continuation-in-part of said application, and in and to any and all Letters Patent and re-issues and extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise) which have been or may be granted on any of the foregoing, to be held and enjoyed as fully and exclusively as they would have been held by Assignor, had this Assignment and transfer not been made.

2. **Successors and Assigns.** Assignor further agrees, its successors and assigns, to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other lawful acts that may be deemed necessary by Lam Research Corporation, its successors, assigns and nominees, to fully secure its interest in the Patents and to obtain and maintain Letters Patent in any and all countries.

3. **Warranty.** Assignor warrants that it has not previously conveyed or encumbered any interest in intellectual property which may be created subject to this Agreement other than as represented and warranted in the Agreement for the Sale and Assignment of Patents of which this is made a part.

IN WITNESS WHEREOF, the undersigned has executed this Assignment as of the date first written above.

Dated: April 19, 2006

LSI Logic Corporation

  
By: David G. Pursel

Its: Vice-President, General Counsel  
and Corporate Secretary

[NOTARY ACKNOWLEDGEMENT REQUIRED]

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

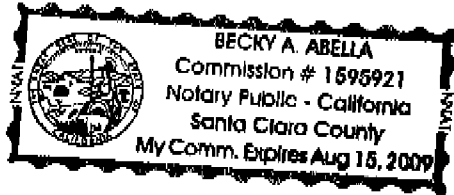
County of Santa Clara } ss.

On April 19, 2006, before me, Becky A. Abella Notary Public,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared DAVID G. PURSEL  
Name(s) of Signer(s)

personally known to me  
 I proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) (is/are) subscribed to the within instrument and acknowledged to me that (he/she/they) executed the same in (his/her/their) authorized capacity(ies) and that by (his/her/their) signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Becky A. Abella  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: Form of Assignment (Patent)

Document Date: April 13, 2006 Number of Pages: 7

Signer(s) Other Than Named Above: no other signers

**Capacity(ies) Claimed by Signer**

Signer's Name: DAVID G. PURSEL

- Individual
- Corporate Officer — Title(s): VP, General Counsel and Corp. Secretary
- Partner — | | Limited | | General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: LSI Logic Corp.

