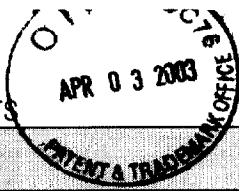


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TO THE ASSISTANT COMMISSIONER OF
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPIES THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Tokyo Electron Limited

3.

5.

7.

2.

4.

6.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: James P. Gallagher

ADDRESS: 6733 North 78th Place, Scottsdale, Arizona 85250ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☐ WHOLE ☒ PART INTEREST
☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: March 20, 2003

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
10/283,358	292640	DANDL			

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

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Attorney: Dale S. Lazar

Reg. No. 28872

Date: April 3, 2003

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FAX: (703) 905-2500

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**ASSIGNMENT BY ASSIGNEE OF
PENDING U.S. PATENT APPLICATION(S)**

WHEREAS, Tokyo Electron Limited (hereinafter ASSIGNOR) is the owner of United States Patent Application No. 10/283,358 to DANDL et al., which was filed on October 30, 2002 and is entitled APPLIED PLASMA DUCT SYSTEM, by virtue of an assignment from the inventors executed on October 7, 10, 11 and 25, 2002, and filed for recordation on February 24, 2003, in the United States Patent and Trademark Office, ASSIGNOR does, for adequate consideration received from James P. Gallagher (hereinafter ASSIGNEE), 6733 North 78th Place, Scottsdale, Arizona 85250, acknowledge receipt of such consideration and hereby sells, assigns and transfers unto ASSIGNEE, its successors and assigns, an undivided one-half right, title and interest in, to and under said Patent Application.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue Letters Patent to the said ASSIGNEE and ASSIGNOR, for their respective interests, their successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNOR and ASSIGNEE.

AND the undersigned hereby agree(s) to execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE's interest in and to the invention hereby transferred.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

TOKYO ELECTRON LIMITED
ASSIGNOR

SIG: 

NAME: Tetsuro Higashi

TITLE: C.E.O., President

DATE: March 20, 2003

In the presence of:

Sig: 

Name: Toshihiko Suga

PAT-114D 12/99

RECORDED: 04/03/2003

PATENT
REEL: 013925 FRAME: 0951