

01-17-2001

12/28/00



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TO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACHEE

101584602

REOF.

JC918 U.S. PTO  
09/749469  
12/28/00

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

- 1. DANDL, Ray
- 3. JOHNSON, Wayne
- 5.
- 7.

- 2. GUEST, Gareth
- 4.
- 6.
- 8.

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

9/749469

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

NAME: TOKYO ELECTRON LIMITED

ADDRESS: TBS Broadcast center, 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 107 Japan

ADDITIONAL 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: 1) & 2), Nov. 13 and 3), Nov. 10, 1998

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* INVENTOR If not in Item 1	B. PATENT NO(S)	M#	1* INVENTOR If not in Item 1
NEW APPLICATION	273239				

  

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:  Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918	6. NUMBER INVOLVED: APPLNS <u>0</u> + PATS <u>0</u> = TOTAL <u>1</u>
	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40

  

5.5 ATTY DKT:	1B Regular	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
PMS 273239	CLIENT REF.	UNDER ORDER NO 71469
MATTER NO.		dup. sheet not required CLIENT NO. 273239
		MATTER NO.

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.

*D. S. Lazar* 41646  
Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Dale S. Lazar  
Reg. No. 28872  
Atty/Sec: DSL/mhn

Date: December 28, 2000  
FAX: (202) 822-0944

TEL: (202) 861-3527

FILE WITH PTO RETURN RECEIPT (PAT-103A)



Please return signed/recorded to:  
Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

For USA origin invention

Atty. Dkt. PMS 238074  
M#

1B  
Client Ref.

**ASSIGNMENT  
OF PROVISIONAL  
PATENT APPLICATION**  
(to Corporation)

FOR  
PROVISIONAL  
APPLICATION  
ONLY

**For Sole or Joint  
Inventors**

(or Limited Partnership)

WHEREAS, the undersigned inventor(s), namely:

**INSERT  
NAME(S) OF  
INVENTOR(S)**

(1) Ray DANDL	(2) Gareth GUEST
(3) Wayne JOHNSON	(4)
(5)	(6)
(7)	(8)

(hereinafter collectively ASSIGNOR)

is/are about to file a Provisional Patent Application in the U.S. Patent and Trademark Office;

filed a Provisional Application in the U.S. Patent and Trademark Office on

June 29, 1998

Application No. 60/091,041

**ENTITLED**

PLASMA VACUUM PUMPING CELL

AND WHEREAS Tokyo Electron Limited (hereinafter ASSIGNEE)

a corporation  Limited Partnership

is duly organized and existing under the laws of the Country of JAPAN and having its principal office and place of business at TBS Broadcast Center, 3-6, Akasaka 5-Chome, Minato-ku, Tokyo 107 JAPAN desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest, in the United States and all foreign countries, to each invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues and substitutes of such subsequent applications, together with the right or priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to each invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of the aforesaid subsequent U.S. and of foreign applications and the perfecting of title thereto in said ASSIGNEE.

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

PAT114PD 11/97

**PATENT  
REEL: 011419 FRAME: 0215**

ASSIGNMENT  
(continued)

Executed on the date(s) below indicated:

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1) Name:	x <u>Raphael A Dandl</u> Ray DANDL	<u>11-13-98</u>	<u>Maria J. Lepelak</u>
2) Name:	x <u>Gareth Guest</u> Gareth GUEST	<u>11/13/98</u>	<u>Maria J. Lepelak</u>
3) Name:	x <u>Wayne L. JOHNSON</u>	<u>10 NOV 98</u>	<u>[Signature]</u>