

04-27-1999



To The Honorable Commissioner of Patents and

101021282

ment(s) or copy(ies) thereof.

1. Name of conveying party(ies):  
**Edward L. Sill and Thomas Licata**

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

2. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: April 16 and April 15, 1999  
respectively

3. Name and address of receiving party(ies)

Name: Tokyo Electron Limited  
Internal Address:  
Street Address: TBS Broadcast Center  
3-6 Akasaka 5-Chome  
Minato-Ku

City: Tokyo 107  
State: JAPAN Zip: 107

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: April 19, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Beverly A. Lyman, Ph.D., Esquire  
Internal Address: Wood, Herron & Evans, L.L.P.  
2700 Carew Tower

Street Address: 441 Vine Street  
City: Cincinnati State: Ohio Zip: 45202

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  
If deficiencies occur

8. Deposit Account Number: 23-3000

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

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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.*

Beverly A. Lyman, Reg. No. 41,961

Beverly A. Lyman

Signature

April 19, 1999

Date

Total number of pages including cover sheet, attachments, and document(s): 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 9903 FRAME: 0564

**ASSIGNMENT OF INVENTION**

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole or joint inventor as indicated below, of certain new and useful improvements in **PLASMA PROCESS ENHANCEMENT THROUGH REDUCTION OF GASEOUS CONTAMINANTS**,

AND WHEREAS, **TOKYO ELECTRON LIMITED**, a Japanese corporation with offices at TBS Broadcast Center, 3-6 Akasaka 5-Chome, Minato-Ku, Tokyo 107 Japan, (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights 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 to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto.

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto.


And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense.

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto.

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale.

This assignment executed on the dates indicated below.

Full Name of sole or first inventor Edward L. Sill

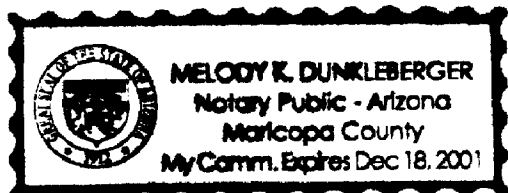
Inventor's Signature  Date 4-16-99

Post Office Address 2228 East Rockledge Road,

Phoenix, Arizona 85048

STATE OF Arizona )  
 ) ss.  
COUNTY OF Maricopa )

On this 16th day of April, 1999, before me, the undersigned notary public, personally appeared the above named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.



Melody K. Dunkleberger  
Notary Public

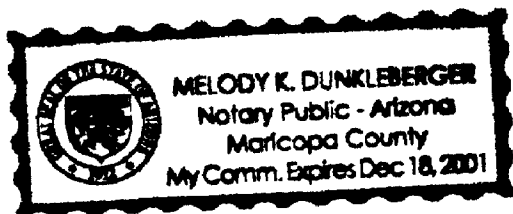
Full Name of second or joint inventor Thomas Licata

Inventor's Signature Thomas Licata Date 4/15/99

Post Office Address 2440 East Menlo Street  
Mesa, Arizona 85213

STATE OF Arizona )  
 ) ss.  
COUNTY OF Maricopa )

On this 15th day of April, 1999, before me, the undersigned notary public, personally appeared the above named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.



Melody K. Dunkleberger  
Notary Public