

03-16-2001

03/01/01

Form 1
(Rev. 10/19/97)
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ON FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent & Trademark Office

ATTACHMENTS ONLY

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

J1036 U.S. PTO
09/796971
03/01/01

1. Name of conveying party(ies):
Jozef Brcka, John Drewery, Michael Grapperhaus,
Gerrit Leusink, Glyn Reynolds, Mirko Vukovic,
Tugrul Yasar

3. Name and address of receiving party(ies):

Name: Tokyo Electron Limited

Internal Address: TBS Broadcast Center
3-6 Akasaka 5-Chome
Minato-Ku

City: Tokyo 107

State: JAPAN Zip:

Additional name(s) & address(es) attached? ___ Yes XX No

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

2. Nature of conveyance:

XX Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

09 296 971

Execution Date: February 1, February 15,
February 20, and February 7, 2001

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Express Mail No. EL610089233US filed 3/1/01

Additional numbers attached? ___ Yes XX No

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

6. Total number of applications and patents
involved: 1

Name: Donald F. Frei
Internal Address: Wood, Herron & Evans, L.L.P.
2700 Carew Tower

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

XX Enclosed
XX Authorized to be charged to deposit account
If deficiencies occur

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

8. Deposit Account Number: 23-3000

(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.*

Kurt A. Summe, Reg. No. 36,023

Signature

March 1, 2001

Date

Total number of pages comprising cover sheet, attachments, and document(s): 11

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

PATENT

REEL: 011582 FRAME: 0693

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 IMMERSSED INDUCTIVELY-COUPLED PLASMA SOURCE.

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 inventor Jozef Brcka

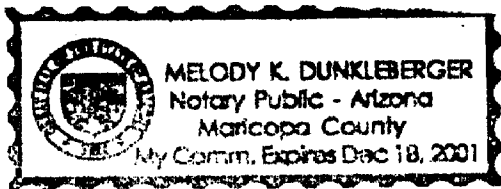
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature *Jozef Brcka* Date 02/01/2001

Post Office Address 914 W. Laurel Avenue, Gilbert, Arizona 85233

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 1st day of February 2001, 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 inventor John Drewery

(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature _____ Date _____

Post Office Address 1814 Fremont Drive, Alameda, California 94501

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, _____, 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.

Notary Public

Full Name of inventor Michael Grapperhaus

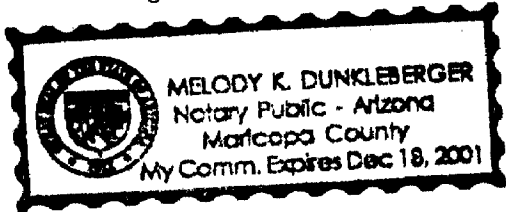
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature *Michael Grapperhaus* Date 02/01/01

Post Office Address 1202 West Sand Hills Court, Gilbert, Arizona 85233

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 1st day of February, 2001, 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 inventor Gerrit Leusink

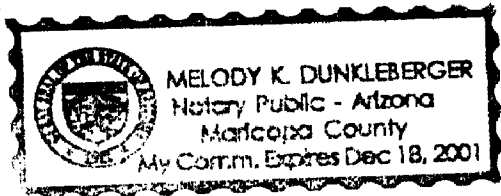
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature *Gerrit M. Leusink* Date 010201

Post Office Address 5518 W. Rocky Point Road, Tempe, Arizona 85283

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 1st day of February, 2001, 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 inventor Glyn Reynolds

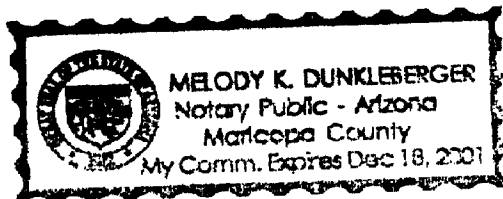
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature Glyn J. Reynolds Date 2/20/2001

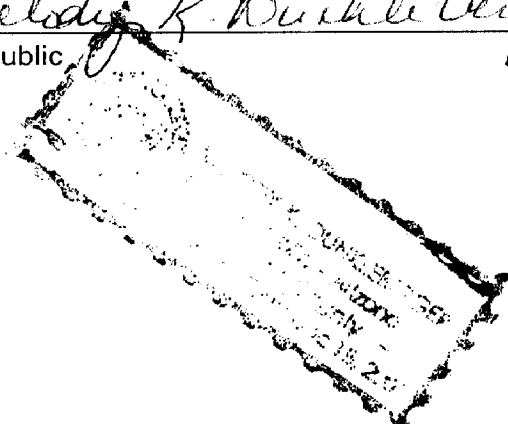
Post Office Address 2200 W. San Angelo, #1176, Gilbert, Arizona 85233

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 20th day of February, 2001, 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 inventor Mirko Vukovic

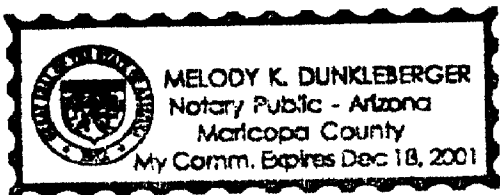
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature *Mirko Vukovic* Date 2/15/01

Post Office Address 920 W. Grand Caymen Drive, Gilbert, Arizona 85233

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 15th day of February, 2001, 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 inventor Tugrul Yasar

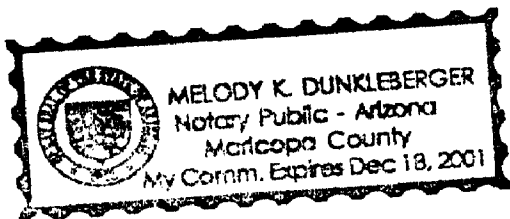
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature *Tugrul Yasar* Date Feb 1, 2001

Post Office Address 13947 E. Coyote Road, Scottsdale, Arizona 85259

STATE OF Arizona)
) ss.
COUNTY OF Maricopa)

On this 1st day of February, 2001, 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

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 IMMERSSED INDUCTIVELY-COUPLED PLASMA SOURCE.

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 inventor Jozef Brcka

(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature _____ Date _____

Post Office Address 914 W. Laurel Avenue, Gilbert, Arizona 85233

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, _____, 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.

Notary Public

Full Name of inventor John Drewery

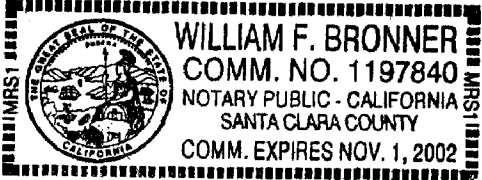
(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) the SSA

Inventor's Signature  Date 2/7/01

Post Office Address 1814 Fremont Drive, Alameda, California 94501

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

On this 7TH day of FEBRUARY, 2001, before me, the undersigned notary public, personally appeared JOHN BREWERY 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.



William F. Bronner
Notary Public WILLIAM F. BRONNER

Full Name of inventor Michael Grapperhaus

(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature _____ Date _____

Post Office Address 1202 West Sand Hills Court, Gilbert, Arizona 85233

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, _____, 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.

Notary Public

Full Name of inventor Gerrit Leusink

(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature _____ Date _____

Post Office Address 5518 W. Rocky Point Road, Tempe, Arizona 85283

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, _____, 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.

Notary Public

Full Name inventor Glyn Reynolds

(Date of Execution of U.S. Patent Application if different from the execution date of this assignment) _____

Inventor's Signature _____ Date _____

Post Office Address 2200 W. San Angelo, #1176, Gilbert, Arizona 85233

STATE OF _____)
) ss.
COUNTY OF _____)

On this _____ day of _____, _____, 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.

Notary Public

