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Attorney's D

PATENT



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TRADEMARK OFFICE

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Commissioner of Patents and Trademarks  
Washington, D.C. 20231

MRD 10.19.98

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 CFR 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

11-02-1998



100865746



3-9-99

CERTIFICATION 37 CFR 1.8(a) and 1.10

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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TRANSMISSION

transmitted by facsimile to the Patent and Trademark Office.

Signature

Date: October 13, 1998

WILLIAM R. EVANS  
(type or print name of person certifying)

(Assignment (Document) Cover Sheet [16-6] —page 1 of 6)

10/30/1998 SBURNS 00000072 29083714  
01 FC:581 40.00 DP

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**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL**  
(37 CFR 3.21 and 37 CFR 3.31(a)(4))

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US90/01234)." 37 CFR 3.21.  
NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

National application: SN: 0 29 / 083,714 filed on February 12, 1998  
Provisional application: / filed on  
International application: PCT/ /  
Patent No: Issued:

(complete if applicable) which was previously assigned and recorded

Date \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

(also complete the following, if applicable)

and also for the applications and/or patents shown on the attached list of FURTHER APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE (37 CFR 3.28(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is

1

B. The total fee is (37 CFR 1.21(h)):

1 × \$40.00 = \$ 40.00  
Total number of applications and/or patents

C. Payment of fee is made by:

the attached check for \$ 40.00

Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

**NAME OF PARTY(IES) CONVEYING INTEREST**

(37 CFR 3.31(a)(1))

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: Tomohisa SHIMAZU

Name 2:

Name 3:

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

(37 CFR 3.31(a)(2))

4. The rights are being conveyed to:

Name: TOKYO ELECTRON LIMITED

Address: 3-6, Akasaka 5-Chome,

Minato-Ku, Tokyo-To, JAPAN

(Assignment (Document) Cover Sheet [16-6]—page 3 of 6)



**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

*NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.*

9. Submitted herewith is:

- the original document.
- a true copy of the original document, which I certify to be a true copy.

*NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.*

*NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed., § 302.01.*

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS**

*(check item, if applicable)*

10.  Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

*(check item, if applicable)*

11.  Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

*(check item, if applicable)*

12.  A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

(Assignment (Document) Cover Sheet [18-6]—page 5 of 6)

**STATEMENT (37 CFR 3.31(a)(9)) AND  
SIGNATURE (37 CFR 3.31(a)(10))**

13. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: October 12, 1998

\_\_\_\_\_  
Name of party submitting document

\_\_\_\_\_  
Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

\_\_\_\_\_  
SIGNATURE OF ATTORNEY

Reg. No.:

\_\_\_\_\_  
(type or print name of attorney)

Tel. No.: (       )

\_\_\_\_\_  
P.O. Address

  
WILLIAM R. EVANS

c/o LADAS & PARRY

28 WEST 61st STREET

NEW YORK, N.Y. 10023

Reg. No. 25.858 (212) 708-1945

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

NINE (9)

Total number of pages submitted

(Assignment (Document) Cover Sheet [16-6]—page 6 of 6)

Attorney's Docket No. UD 051267-5

**PATENT**



For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
 U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

(inventor(s) or person(s) or entity(ies) who own the invention)

Tomohisa SHIMAZU  
(type or print name(s) of ASSIGNOR(S))

C/O TOKYO ELECTRON TOHOKU LIMITED  
Address SAGAMI JIGYOSHO, of 2-41,  
Machiya 1-Chome, Shiroyama-Machi,  
Tsukui-Gun, Kanagawa-Ken, Japan  
Nationality JAPANESE

*(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

TOKYO ELECTRON LIMITED  
(type or print name(s) of ASSIGNEE(S))  
3-6, Akasaka 5-Chome, Minato-Ku,  
Address  
Tokyo-To, Japan  
JAPANESE CORPORATION  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:  
QUARTZ COVER

Name of inventor(s) Tomohisa SHIMAZU

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.  
 Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.  
(d)  U.S. application no. 29 / 083,714  
filed on February 12, 1998  
(e)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_  
(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;



ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

18 day of Mar. (Date of signing).

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date:

Tomohisa Shimazu  
Signature of ASSIGNOR(S)

Date:

Date:

Date:

(if ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)