

09-29-2004



ET

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09447.0004
Attorney Customer Number: 22,852

To the Honorable Commissioner
Please record the attached original.

102847643

ATTN. BOX ASSIGNMENTS RECORDATION
SERVICES

1. Name of conveying party(ies):
1) Masami YAKABE
2) Naoki IKEUCHI
3) Toshiyuki MATSUMOTO
4) Koichi NAKANO

2. Name and address of receiving party(ies):
Name: TOKYO ELECTRON LIMITED

9-24-04

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

Internal Address:

3. Nature of conveyance:

Street Address: 3-6, Akasaka 5-chome, Minato-ku,
Tokyo 107-8481 JAPAN

☒ Assignment ☐ Merger

City:

☐ Security Agreement ☐ Change of Name

State:

Zip Code:

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: March 12, 2004

☐ 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:

A. Patent Application Number(s):

B. Patent Number(s):

10/488,680

Additional numbers attached?

☐ Yes

☒ No

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

6. Total number of applications and registrations involved:
1

Name: Mr. Ernest F. Chapman

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)

☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

David W. Hill

Registration No. 28,220

Signature

September 24, 2004

Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT
REEL: 015821 FRAME: 0480

Attorney Docket No.:

JOINT INVENTION
(U.S. Rights Only)**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

**IMPEDANCE DETECTION CIRCUIT AND ELECTROSTATIC CAPACITANCE
DETECTION CIRCUIT**

for which we executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on Application No. _____; and

WHEREAS, TOKYO ELECTRON LIMITED, a corporation of Japan, whose post office address is 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan, (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Masami YAKABE
c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi,
Hyogo, 660-0891 Japan

Citizenship: Japan

Signature: Masami Yakabe

Date: March 12, 2004

Second Assignor

Naoki IKEUCHI
c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi,
Hyogo, 660-0891 Japan

Citizenship: Japan

Signature: Naoki Ikeuchi

Date: March 12, 2004

Third Assignor

Toshiyuki MATSUMOTO
c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi,
Hyogo, 660-0891 Japan

Citizenship: Japan

Signature: Toshiyuki Matsumoto

Date: March 12, 2004

Fourth Assignor

Koichi NAKANO
c/o HOKUTO ELECTRONICS, INC., 2-16, Higashikubo, Najio,
Nishinomiya-shi, Hyogo 669-1148 Japan

Citizenship: Japan

Signature: Koichi Nakano

Date: March 12, 2004