

04-11-2007

FORM PTO-1595
1-31-92

103393977

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08072.0007
Attorney Customer Number: 22,852To the Honorable Commissioner of Patents,
Please record the attached original documents or copy thereof.ATTN. BOX ASSIGNMENTS RECORDATION
SERVICES

1. Name of conveying parties: 1) Yoshiki YAMANISHI 2) Muneo HARADA 3) Takahiro KITANO 4) Tatsuzo KAWAGUCHI 5) Yoshihiro HIROTA 6) Kinji YAMADA 7) Tomotaka SHINODA 8) Katsuya OKUMURA 9) Suichi KAWANO	2. Name and address of receiving parties: Names: 1) TOKYO ELECTRON LIMITED 2) OCTEC INC. 3) IBIDEN CO., LTD.
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Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Addresses: 1) 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan 2) 1-22-1-103, Wakaba, Shinjuku-ku Tokyo 160-0011, Japan 3) 2-1, Kanda-cho, Ogaki, Gifu 503-8604, Japan
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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	Street Address: City:
<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State: Zip Code:
<input type="checkbox"/> Other:	Additional name & Address attached?

Execution Dates: Inventors 1, 2, 5 & 7: 02-23-2007; Inventor 3: 02-27-2007; Inventor 4: 02-28-2007; Inventor 6: 03-07-2007; Inventor 8: 02-22-2007; and Inventor 9: 03-05-2007	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number: 11/508,141 Additional numbers attached?	B. Patent Number: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mr. Ernest F. Chapman 04/10/2007 DBYRNE 00000184 11508141 01 FC:8021 (40.00 DP)	6. Total number of applications and registrations involved: 1 7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 901 New York Avenue, NW City: Washington, D.C. State: Zip: 20001-4413	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 Reg. No. 28,220 Signature ERNEST F. CHAPMAN April 6, 2007 Date Total number of pages including cover sheet, attachments and documents: 7

PATENT
REEL: 019168 FRAME: 0729

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

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

whose post office address is 1) 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan
2) 1-22-1-103, Wakaba, Shinjuku-ku, Tokyo 160- 0011, Japan
3) 2-1, Kanda-cho, Ogaki, Gifu 503-8604, Japan

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 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. 11/508,141, filed on August 23, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Assignor Name: Yoshiki YAMANISHI
Assignor Address: c/o Tokyo Electron AT Limited,
1-8 Fuso-cho, Amagasaki-shi, Hyogo 660-0891, Japan
Citizenship: Japanese Citizen
Signature: *Yoshiki Yamaniishi*
Date: Feb. 23, 2007

Second Assignor

Assignor Name: Muneo HARADA
Assignor Address: c/o Tokyo Electron AT Limited,
1-8 Fuso-cho, Amagasaki-shi, Hyogo 660-0891, Japan
Citizenship: Japanese Citizen
Signature: *Muneo Harada*
Date: Feb. 23, 2007

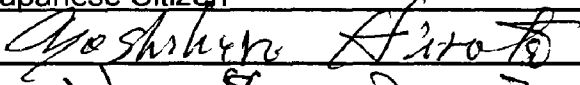
Third Assignor

Assignor Name: Takahiro KITANO
Assignor Address: c/o Tokyo Electron Kyushu Limited, 1-1, Fukuhara, Koshi-shi,
Kumamoto 861-1116, Japan
Citizenship: Japanese Citizen
Signature: *Takahiro Kitano*
Date: Feb. 27, 2007

Fourth Assignor

Assignor Name: Tatsuzo KAWAGUCHI
Assignor Address: c/o Tokyo Electron Limited, 650, Mitsuzawa, Hosaka-cho,
Nirasaki-shi, Yamanashi 407-0192 Japan
Citizenship: Japanese Citizen
Signature: *Tatsuzo Kawaguchi*
Date: Feb. 28, 2007

Fifth Assignor

Assignor Name: Yoshihiro HIROTA
Assignor Address: c/o Tokyo Electron AT Limited
1-8 Fuso-cho, Amagasaki-shi, Hyogo 660-0891 Japan
Citizenship: Japanese Citizen
Signature: 
Date: 23. 7. 2007

Sixth Assignor

Assignor Name: Kinji YAMADA
Assignor Address: c/o JSR Corporation, 5-6-10, Tsukiji, Chuo-ku, Tokyo
104-8410 Japan
Citizenship: Japanese Citizen
Signature: _____
Date: _____

Seventh Assignor

Assignor Name: Tomotaka SHINODA
Assignor Address: c/o JSR Corporation, 5-6-10, Tsukiji, Chuo-ku, Tokyo
104-8410 Japan
Citizenship: Japanese Citizen
Signature: _____
Date: _____

Fifth Assignor

Assignor Name: Yoshihiro HIROTA
Assignor Address: c/o Tokyo Electron AT Limited
1-8 Fuso-cho, Amagasaki-shi, Hyogo 660-0891 Japan
Citizenship: Japanese Citizen
Signature: _____
Date: _____

Sixth Assignor

Assignor Name: Kinji YAMADA
Assignor Address: c/o JSR Corporation, 5-6-10, Tsukiji, Chuo-ku, Tokyo
104-8410 Japan
Citizenship: Japanese Citizen
Signature: Kinji Yamada
Date: March 7, 2007

Seventh Assignor

Assignor Name: Tomotaka SHINODA
Assignor Address: c/o JSR Corporation, 5-6-10, Tsukiji, Chuo-ku, Tokyo
104-8410 Japan
Citizenship: Japanese Citizen
Signature: Tomitch Shinoda
Date: February 23, 2007

Eighth Assignor

Assignor Name: Katsuya OKUMURA
Assignor Address: 1-22-1-103, Wakaba, Shinjuku-ku, Tokyo 160-0011 Japan
Citizenship: Japanese Citizen
Signature: Katsuya Okumura
Date: 02/22/2007

Ninth Assignor

Assignor Name: Shuichi KAWANO
Assignor Address: c/o IBIDEN Co., Ltd. 1-1, Kitagata, Ibigawa-cho, Ibi-gun,
Gifu 501-0695 Japan
Citizenship: Japanese Citizen
Signature: _____
Date: _____

Tenth Assignor

Assignor Name: _____
Assignor Address: _____
Citizenship: _____
Signature: _____
Date: _____

Attorney Docket No.: .

Eighth Assignor

Assignor Name: Katsuya OKUMURA
Assignor Address: 1-22-1-103, Wakaba, Shinjuku-ku, Tokyo 160-0011 Japan
Citizenship: Japanese Citizen
Signature: _____
Date: _____

Ninth Assignor

Assignor Name: Shuichi KAWANO
Assignor Address: c/o IBIDEN Co., Ltd. 1-1, Kitagata, Ibigawa-cho, Ibi-gun,
Gifu 501-0695 Japan
Citizenship: Japanese Citizen
Signature: *Shuichi Kawano*
Date: Mar/05/2007

Tenth Assignor

Assignor Name: _____
Assignor Address: _____
Citizenship: _____
Signature: _____
Date: _____