Electronic Version v1.1

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| SUBMISSION TYPE: | | | CORRECTIVE ASSIGNMENT | | |
|---|--|--|--|----------------|--|
| NATURE OF CONVEYANCE: | | | Corrective Assignment to correct the Assignor Name previously recorded on Reel 016934 Frame 0338. Assignor(s) hereby confirms the assignment by Juri KATO to Seiko Epson Corporation | | |
| CONVEYING PARTY | Υ DATA | | <u> </u> | | |
| | | N | lame | Execution Date | |
| Juri Kato | | | | 08/12/2005 | |
| RECEIVING PARTY | DATA | | | | |
| Name: | Seiko Epson | Seiko Epson Corporation | | | |
| Street Address: | 4-1, Nishi-sh | 4-1, Nishi-shinjuku, 2-chome, Shinjuku-ku | | | |
| City: | Tokyo | | | | |
| State/Country: | JAPAN | JAPAN | | | |
| Property T | | 11212 | Number 2519 | | |
| Application Number: 1121 | | 11212 | 519 | | |
| CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: | (617)43 <i>be sent via US</i> 617-439 vfrancis e: John J. P.O. Bo Edward | <i>Mail w</i> 9-4444 @eapd Penny, x 5587 s Ange | <i>hen the fax attempt is unsuccessful.</i> llaw.com Jr. | | |
| ATTORNEY DOCKET NUMBER: | | 63839(48229) | | | |
| NAME OF SUBMITTER: | | John J. Penny, Jr. | | | |
| Total Attachments: 4 source=11212519#pa source=11212519#pa source=11212519#pa | age1.tif age2.tif | | | PATENT | |

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REEL: 019979 FRAME: 0913

| Form P10-1595 (Rev. 07/05) OMB No. 0851-0027 (exp. 6/30/2008) RE | 6-2005 U.S. DEPARTMENT OF COMMERCE ad States Patent and Trademark Office 74328 record the attached documents or the new address(es) below. |
|---|--|
| 1. Name of conveying party(ies): Juri Kato | 2. Name and address of receiving party(les) Name: Seiko Epson Corporation |
| Additional name(s) of conveying party(les) attached? Yes X No 3. Nature of conveyance/Execution Date(s): | Internal Address: Street Address: 4-1, Nishi-shinjuku |

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| | To the Director of the U.S. Patent and Trademark Office: Please | record the attached occurrents or the new address(es) below. |
|-------------------|---|---|
| | 1. Name of conveying party(ies): | 2. Name and address of receiving party(les) |
| 5 | Juri Kato | Name: Seiko Epson Corporation |
| r f | | Internal Address: |
| 9-250 | Additional name(s) of conveying party(les) attached? Yes XNo | Street Address: |
| | 3. Nature of conveyance/Execution Date(s): | 4-1, Nishi-shinjuku |
| | Execution Date(s): August 12, 2005 | 2-chome Shiniuku-ku |
| | X Assignment Merger Change of Name | Tokyo, JAPAN |
| | Security Agreement | City: |
| | Government Interest Assignment | State: |
| | Executive Order 9424, Confirmatory License | Country: Zip: |
| | Other | Additional name(s) & address(es) Yes X No |
| | | attached: |
| | 4. Application or patent number(s): | This document is being filed together with a new application. |
| | A. Patent Application No.(s) | B. Patent No.(s) |
| | This application | |
| | | |
| | Additional numbers attached? | Yes X No |
| | 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and 1 |
| | Name: John J. Penny | |
| | EDWARDS & ANGELL, LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| | CUSTOMER NO.: 21874 | Authorized to be charged by credit card |
| | Internal Address: Atty. Dkt.: 63839 (48229) Street Address: P.O. Box 55874 | |
| | | x Authorized to be charged to deposit account |
| | | Enclosed |
| | | None required (government interest not affecting title) |
| | City: Boston | 8. Payment Information |
| | State: MA zip: 02205 | a, Credit Card Last 4 Numbers |
| | Phone Number: (617) 439-4444 | Expiration Date |
| | Fax Number: (617) 439-4170 | b. Deposit Account Number 04-1105 |
| | Email Address: jpenny@edwardsangell.com | Authorized User Name John J. Penny |
| | 9. Signature: | |
| | Y. Jana Lak What - | August 25, 2005 |
| | Signature | Date |
| | George W. Neuner - 26,964 for John J. Penny Name of Person Signing | y, Jr. Total number of pages including cover 3 sheet, attachments, and documents: |
| 09/02/2005 DBYRNE | 00000184 041105 11212519 | |
| 01 FC:0021 | 40 00 Mertify that this correspondence is being deposited with the U | I.S. Postal Service as Express Mail, Airbill No. EV 854388559 US, |
| | in an envelope addressed to: Commissioner for/Patents, P-Q. Box 14 | 50, Alexandria, VA 22313-1450, on the date shown below. |
| | Dated: August 25, 2005 Signature: | LEIT CLAIMER MCKinnon) |
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| Seiko Epson Ref. No.: J0111494US01 | |
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| | |
| 譲渡証(Translation/日本語訳) | Assignment |
| 下記に署名した私/私達、 | For good and valuable consideration, the receipt of which is hereby acknowledged, 1/WE, the undersigned, |
| 加藤 樹理 は、 | <u>Juri KATO</u> , |
| ある発明を創出し、これについて合衆国特許出願は | who have created a certain invention for which an application for United States Letters Patent |
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| <u>半導体装置および半導体装置の製造方法</u> | and entitled: <u>SEMICONDUCTOR DEVICE AND METHOD FOR</u> <u>MANUFACTURING THE SAME</u> |
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representatives.

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undersigned

Assignee, its successors, assigns, or legal representatives; and

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法的宣誓書、譲渡証、委任状等の書類を作成し、あらゆる法的

Page 1 of 2

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substitutes,

Seiko Epson Ref. No.: J0111494U

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上記を証明するため、私/私達は下記日付で署名する。

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I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

| 唯一または第一発明者名 | | • | Full name of sole or first inventor Juri KATO | - |
|-----------------|---|---------------------------------------|--|---------------|
| 加藤 樹理 発明者の著名 | 日付 | · | | |
| あっていから シントン | ы Ма | | Inventor's signature | Date |
| 加廉西 | 理 | 2005年8月12日 | Chini Tato | Aug. 12, 2005 |
| 第二共同発明者(いる場合) | | | Full marke of second joint inventor, if a | |
| 第二共同先明者の署名 | 日付 | | Second Inventor's signature | Date |
| | | | | |
| 第三共同発明者(いる場合) | - <u></u> | · · · · · · · · · · · · · · · · · · · | Full name of third joint inventor, if any | |
| 客記共同発明者の署名 | 日付 | | Third Inventor's signature | Date |
| | - | | • | |
| 第四共同発明者(いる場合) | 者(いる場合) Full name of fourth joint inventor, if an | | у | |
| 四共同発明者の署名 | 日付 | <u> </u> | Fourth Inventor's signature | Date |
| | | | | |
| 五共同発明者(いる場合) | | | Full name of fifth joint inventor, if any | |
| 五共同発明者の署名 | 日付 | - | Fifth Inventor's signature | Date |
| | | | | |
| 、大共同発明者(いる場合) | | - | Full name of sixth joint inventor, if any | |
| 大共同発明者の著名 | 日付 | | Sixth Inventor's signature | Date |
| | | | | • |
| 七共同発明者(いる場合) | | <u></u> | Full name of seventh joint inventor, if a | ny |
| 七共間発明者の署名 | 日付 | | Seventh Inventor's signature | Date |
| | | | | |
| 八共同発明者(いる場合) | | | Full name of eighth joint inventor, if any | |
| 八共同発明者の署名 | 日付 | | Eighth Inventor's signature | Date |
| | | • | | • |

Page 2 of 2

RECORDED: 10/18/2007