| BOX ASSIGNMENTS   | 06-12-2                          | 002  | DO NOT USE I                   | OR TRADEMARKS       |
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|   |                                  |  |                                |                     |
| TO THE ASSISTANT COMMISSIONER<br>SIR: PLEASE RECORD THE ATTACHE | 102121                           | 747 Juli Inere                                 | OF                             | 0                   |
| 1. NAME OF CONVEYING PARTY(IES)                                 | INVOIGNURS(S)):                  | - SOLI INEKE                                   | <u></u>                        | A. C.               |
| 1 Seiii NAGAL   |                                  | 2. Masayoshi KOIKE                             |                                | . S                 |
| 3. Kazuyoshi TOMITA   | 24/52                            | 4.   |                                | 160                 |
| 5. 06/0   | 04/02                            | 6.<br>8.                                       |                                | 9                   |
| ADDITIONAL NAME(S) OF CONVEYING                                 | G PARTY(IES) ATTACHI             | 1  |                                |                     |
| 2. PARTY(IES) (ASSIGNEE(S)) RECEIV                              | ING INTEREST:                    |  |                                |                     |
| NAME: Toyoda Gosei Co., Ltd.                                    |                                  |  |                                |                     |
| ADDRESS: 1, Nagahata, Ochiai, Haruhi-                           | -cho, Nishikasugai-gun, <i>I</i> | Aichi-ken 452-8564 JAP                         | AN .                           |                     |
| ADDITIONAL NAME(S) & ADDRESS(ES                                 | S) ATTACHED? YEŞ                 | ⊠NO O  | C)                             |                     |
| 3. NATURE OF CONVEYANCE (DOCU                                   | IMENT):                          | 16028  | 8                              |                     |
| (Submit herewith only one document                              | for recordation—multiple         | copies of same Assign                          | ment signed by differe         | nt inventors is one |
| document)  ⊠ASSIGNMENT OF ⊠WHO                                  | OLE PART INTER                   | REST EXEC.                                     | <b>DATE:</b> April 8, 2002     |                     |
|   | SIMILE/PHOTOCOPY                 |  |                                |                     |
|   | IFIED TRANSLATION                |  |                                |                     |
|   | THER:                            | MITH MOTE IF DATE                              | C ON DECLADATION               | LAND                |
| EXECUTION DATE(S) ON THE DECLAI ASSIGNMENT DIFFER SEE ATTY!)    | KATION IF FILED HERE             | WITH. (NOTE. IF DATE                           | S ON DECLARATION               | AND                 |
| 4.5 APPL. NO.(S) OR PAT NO.(S). OTH                             | IERS ON ADDITIONAL               | SHEET(S) attached?                             | ]YES ⊠NO                       |                     |
| A. PAT. APP. NO.(S) M#  | 1ª INVENTOR                      | B. PATENT NO(S)                                | M#                             | 1ª INVENTOR         |
| series code/serial no   | If not in item 1                 |  |                                | If not in item 1    |
| 291635  5. Name & Address of Party to Whom C                    | NAGAI                            | 6. NUMBER INVOL                                | VED:                           |                     |
| Concerning Document Should be Ma                                | iled:                            | APPLNS 1 + PAT                                 |                                | <u>1</u>            |
| Pillsbury Winthrop LLP  |                                  | 7. AMOUNT OF FEE                               | DUE: (Code 581)                |                     |
| Intellectual Property Group                                     |                                  | ABOVE TOTAL x S                                | S40 = \$40                     |                     |
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| McLean, VA 22102  |                                  |  |                                |                     |
| 5.5ATTY DKT:  |                                  | 8. PLEASE CHARGE                               | TO OUR DEPOSIT ACC             | OUNT                |
| 5.5ATTY DKT   |                                  | NUMBER: 03-3975                                | 31317                          | 291635              |
| P 291635  | F02-279-US                       | UNDER ORDER NO dup. sheet not required         | CLIENT NO.                     | MATTER NO.          |
| MATTER NO.  9. To the best of my knowledge and be               | CLIENT REF.                      | ation is true and correct                      | and any attached copy          | y is a true copy of |
| 9. To the best of my knowledge and be                           | llet, the loregoing informa      | ation is true and comes                        | <b>,</b>                       |                     |
| the original document.  |                                  |  |                                | T                   |
|   |                                  | 10. Total number of p                          | ages <u>including</u> this     | 3                   |
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| Signatuce   |                                  |  |                                |                     |
| Attorney: Kenneth M. Fagin                                      |                                  | Date: June 4, 200                              | 2                              |                     |
| Reg. No. 37,615<br>Atty/Sec: KMF/JRH TEL: (                     | (703) 905-2066                   | FAX: (703)                                     | 905-2500                       |                     |
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Please return signed/recorded to: Cushman Darby & Cushman, L.L.P. Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

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USA Patent Appln. Sole or Joint

### **ASSIGNMENT**

In consideration of the sum of Ten Dollars (\$10.00) and other good and

| States Commissioner of Patents and Trademarks to issue said Letters Patento the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assign and legal representatives; the undersigned agree(s) that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;  AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.  The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.  INVENTOR(S)  DATE SIGNED  April 8, 2002  Jadanusa Yo Komick  April 8, 2002  Jadanusa Yo Komick  April 8, 2002  |                                    |  |   | of the undersigned, to wit:   |  |  |
|--|------------------------------------|--|---|---|--|--|
| the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:TOYODA_GOSET_CO, LTD   |                                    | (1) Seiji NAGA   | AI  | (4)1  |  |  |
| the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: TOYODA GOSEI CO., LTD.  1. Nagahata. Ochiai. Haruhi-cho, Nishikasugai-gun, Aichi-ken. 452-8564. JAPAN  (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and a applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as GROUP III NITRIDE COMPOUND SEMICONDUCTOR ELEMENT AND METHOD FOR PRODUCING THE SAME  NOTE >>>> (A) of the United States of America [] even date herewith  [COmplete line (B) [] I lon [] in U.S. Appin No. [] filed [] AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to Issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assign and legal representatives; the undersigned agree(s) that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; its successors, assigns and legal representatives, the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE; its successors, assigns and legal representatives, the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE; its successors, assigns and legal representatives, the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE; its successors, assigns and legal representatives, the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE its successors as to insert hereon any further identification necessary or desirable for recordation of this document.  **NOTE** NOTE** **NAGAT** **NA |                                    | (2) Masayoshi  | KOIKE   | (5)   |  |  |
| undersigned who at the request of, hereby self(s), assign(s) and transfer(s) unto: TOYODA GOSEI CQ., LTD.  1. Nagahata, Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken, 452-8564, JAPAN  (Inrerinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and a applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as GROUP III NITRIDE COMPOUND SEMICONDUCTOR ELEMENT AND METHOD FOR PRODUCING THE SAME   NOTE >->-> (A) (Complete line (B) I on in U.S. Appln No. filed  A, B and/or C) (C) AND the undersigned executed an application for Letters Patent of the United States of America [] even date herewith I on in U.S. Appln No. filed  AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assign and legal representatives; the undersigned agree(s) that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.  NOTE:->>  NOTE:->>  NOTE:->>  NOTE:->>  DATE SIGNED  April 8, 2002  April 8, 2002  April 8, 2002  April 8, 2002  | of inventors                       | (3) Kazuyoshi  | TOMITA  | [ ] x box if continued on page 2  |  |  |
| (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and a applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as  GROUP III NITRIDE COMPOUND SEMICONDUCTOR ELEMENT AND METHOD FOR PRODUCING THE SAME  NOTE >>-> (A) of the United States of America [ ] even date herewith  (Complete line (B) [ ] on filed  A, B and/or C) (C) in U.S. Appln No  | of Assignee (S)                    | undersigned who a<br>transfer(s) unto: <u>T</u><br><u>1, Nagahata</u>                        | at the request of,<br>OYODA GOSEI (<br>, Ochiai, Har                            | hereby sell(s), assign(s) and CO., LTD. cuhi-cho, Nishikasugai-gun,   |  |  |
| NOTE >->-> (A) of the United States of America [ ] even date herewith  | and Address (66)                   | United States of A applications include reissues thereof; a GROUP III N                      | merica as defined<br>ding any and all d<br>and all resulting p<br>NITRIDE COMPO | d in 35 U.S.C. 100, in the invention and all livisions, continuations, substitutes, and latents, known as UND SEMICONDUCTOR ELEMENT AND |  |  |
| for which the undersigned executed an application for Letters Patent  of the United States of America [ ] even date herewith  [ ] on   | Title of                           | METHOD FOR   | PRODUCING TH  | E SAME  |  |  |
| MOTE >->->  (A) of the United States of America [ ] even date herewith  (Complete line (B)   | Invention                          |  |   |   |  |  |
| 1) See 2 Vor Sur April 8, 2002 Jadamasa Johnson Che Name: Seiji NAGAI  2) Masagosha Kockes April 8, 2002 Jadamasa Johnson Chester April 8, 2002  | (Complete line (EA, B and/or C) (C | (A) of the United States of America [ ] even date herewith  (B) [ ] on  (C) in U.S. Appln No |   |   |  |  |
| 2) WOLKE   | 1) Seija                           | Nosice   | DATE SIGNED<br>April 8, 2002  | Tadamusa Yokowich   |  |  |
| Mama:  | Name: Seiji N  2) Masayos  Name:   | he Kocken<br>ni Koike  | April 8, 2002   | Ladamasa Yokomich   |  |  |

IF ADDITIONAL INVENTORS, check box [X] and continue on pag

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### **Assignment**

## (Continued from page 1)

## Listing of additional inventors

| (6)  | (11) |
|------|------|
| (7)  |      |
| (8)  |      |
| (9)  | (14) |
| (10) | (15) |

# Signatures of additional inventors/witnesses/dates signed

| INVENTOR(S)                        | DATE SIGNED   | WITNESS(ES)    |
|------------------------------------|---------------|----------------|
| INVENTOR(S)<br>3) Kazyyoshi Iomita | April 8, 2002 | - You've Frike |
| Name: Kazuyoshi TOMITA             |               | 707            |
| 4)                                 |               |                |
| Name:                              |               |                |
| 5)                                 |               |                |
| Name:                              |               |                |
| 6)                                 |               |                |
| Name:                              |               |                |
| 7)                                 |               |                |
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| 8)                                 |               |                |
| Name:                              |               |                |
| 9)                                 |               |                |
| Name:                              |               |                |
| 10)                                |               |                |
| Name:                              |               |                |
| 11)                                |               |                |
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Name: