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Attorney Docket No.: 85A 3918

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To the Director of the U.S. Patent & Trademark O.

Documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 KUNIYUKI TAKAHASHI; SHINSUKE TEI; NORIKO SUZUKI; NORIKO MORI; and SHINJI MAKI

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

**2. Name and address of receiving party(ies)**  
 KABUSHIKI KAISHA SHINKAWA  
 2-51-1, Inadaira  
 Musashimurayama-shi, Tokyo, Japan

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s): 4/5/2007

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application number(s) or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s) 11/645,943 | B. Patent No.(s)

Additional numbers attached?  Yes  No

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

William L. Androlia  
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04/24/2007 DBYRNE 00000116 11645943  
 01 FC:8021 40.00 DP

**6. Total number of applications and patents involved:** [ 1 ]

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$40

Enclosed  
 Authorized to be charged to deposit account

**8. Payment Information**

Deposit account number: 11-1445  
 Authorized User Name: William L. Androlia & H. Henry Koda

**9. Signature:**

William L. Androlia, Reg. No. 27,177

Date: April 16, 2007

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

- (1) KUNIYUKI TAKAHASHI (5)
- (2) SHINSUKE TEI (6)
- (3) NORIKO SUZUKI (7)
- (4) NORIKO MORI (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) KABUSHIKI KAISHA SHINKAWA

(10) Insert state of Incorporation of Assignee

(10) Japan

(11) Insert address of Assignee

(11) 2-51-1, Inadaira, Musashimurayama-shi, Tokyo, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(12) WIRE BONDING APPARATUS, RECORD MEDIUM STORING BONDING CONTROL PROGRAM, AND BONDING METHOD for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Insert Date of Signing of Application

(13) on 4/5/2007

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints WILLIAM L. ANDROLIA, Reg. No. 27,177 and H. HENRY KODA, Reg. No. 27,729 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 04/05/2007 Signature of Inventor (1) Kuniyuki Takahashi

Date: 04/05/2007 Signature of Inventor (2) 鄭 林 亨

Date: 04/05/2007 Signature of Inventor (3) Noriko Suzuki

Date: 04/05/2007 Signature of Inventor (4) Noriko Mori

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A.; (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date: \_\_\_\_\_ Witness \_\_\_\_\_

Date: \_\_\_\_\_ Witness \_\_\_\_\_

ASSIGNMENT

(1-8) *Insert Name(s) of Inventor(s)* (1) **SHINJI MAKI** (5)  
 (2) (6)  
 (3) (7)  
 (4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) *Insert name of Assignee* (9) **KABUSHIKI KAISHA SHINKAWA**

(10) *Insert state of Incorporation of Assignee* (10) Japan

(11) *Insert address of Assignee* (11) **2-51-1, Inadaira, Musashimurayama-shi, Tokyo, Japan**  
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Insert identification of Invention, such as Title, Case Number or Foreign Application Number* (12) **WIRE BONDING APPARATUS, RECORD MEDIUM STORING BONDING CONTROL PROGRAM, AND BONDING METHOD**  
 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

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Date: 04/05/2007 Signature of Inventor (1) 牧 真二

Date: \_\_\_\_\_ Signature of Inventor (2) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (3) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (4) \_\_\_\_\_

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A.; (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date: \_\_\_\_\_ Witness \_\_\_\_\_

Date: \_\_\_\_\_ Witness \_\_\_\_\_