



To the Assistant Commissioner

102303980

Mail documents or copy thereof.

1. Name of conveying party(ies):

SHIGERU HAYATA

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  
Musashi Murayama-shi, Tokyo, Japan

JC973 U.S. PTO  
10/307080  
11/27/02

3. Nature of conveyance:

MED 11/27/02

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 11/21/2002

Additional name(s) & address(es) attached?  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 is: 11/21/2002

A. Patent Application No.(s) 10307080

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

H. Henry Koda  
KODA & ANDROLIA  
2029 Century Park East, Suite 3850  
Los Angeles, CA 90067-3024

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

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

11-1445

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

H. Henry Koda, Reg. No. 27,729

Date: November 27, 2002

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

12/05/2002 6TOM11 00000132 10307080

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40.00 OP

**ASSIGNMENT**

(1-8) *Insert Name(s) of Inventor(s)* (1) **SHIGERU HAYATA** (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, Musashi Murayama-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) **A WIRE BONDING APPARATUS**

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 11/21/2002

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: 11/21/2002 Signature of Inventor (1) Shigeru Hayata

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

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

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

Date: \_\_\_\_\_ Signature of Inventor (5) \_\_\_\_\_

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 \_\_\_\_\_