

RECORDER 11-23-99

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To the Honorable Commissioner of Patents a

original documents or copy thereof.

1. Name of conveying party(ies):

SHIGERU FUKE, MASAKI YOKOHAMA
and SHIGERU HAYATA

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

2. Name and address of receiving party(ies)

Name: KABUSHIKI KAISHA SHINKAWA

Internal Address: _____

Street Address: 2-51-1, Inadaira,

Musashi Murayama-shi, Tokyo, Japan

City: _____ State: _____ ZIP: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other 09/447997

Execution Date: November 19, 1999

1530 U.S. PAO
09/447997
11/23/99

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: 11/23/1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: KODA & ANDROLIA

Internal Address: _____

Street Address: 10100 Santa Monica Blvd.,
Suite 2340

City: Los Angeles State: CA ZIP: 90067

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- 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)

12/14/1999 110M11 00000202 09447997

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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.

H. Henry Koda
Reg. No. 27,729
Name of Person Signing

Signature

11/23/1999

Date

Total number of pages including cover sheet, attachments, and document:

Assignment

85A 2878

- (1) SHIGERU FUKE
- (2) MASAKI YOKOHAMA
- (3) SHIGERU HAYATA and
- (4) _____

(1-4) Insert Name(s) of Inventor(s)

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

(5) KABUSHIKI KAISHA SHINKAWA

(5) Insert name of Assignee

(6) of 2-51-1, Inadaira,
Musashi Murayama-shi, Tokyo, Japan

(6) Insert address of Assignee

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(7) FLIP-CHIP BONDING APPARATUS

(7) Insert Title of Invention

for which the undersigned has (have) executed an application for patent in the United States of America

(8) on November 19, 1999

(8) Insert Date of Signing of Application

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof 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 and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) WILLIAM L. ANDROLIA, Reg. No. 27,177; H. HENRY KODA, Reg. No. 27,729; and ALEX CHARTOVE, Reg. No. 31,942, 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 Office for recordation of this document.

Date 11-19-1999 Name of Inventor Shigeru Fuke (SEAL)

Date 11-19-1999 Name of Inventor Masaki Yokohama (SEAL)

Date 11-19-1999 Name of Inventor Shigeru Hayata (SEAL)

Date _____ Name of Inventor _____ (SEAL)

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 _____