

04-04-2006

764488815

RE



...103211449

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- 1) KOBAYASHI, Tomoki
- 2) SHIMADA, Toshiji
- 3) KATO, Hiroyuki
- 4) SHIMIZU, Hiroshi

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) March 16, 2006

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)Name: SHINKO ELECTRIC INDUSTRIESInternal Address: CO., LTD.Street Address: 80, Oshimadamachi,
Nagano-shi, Nagano 381-2287, Japan

City: _____

State: _____

Country: _____ Zip: _____

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

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Richard J. Streit

Internal Address: _____

Street Address: c/o Ladas & Parry LLP
224 South Michigan AvenueCity: ChicagoState: Illinois Zip: 60604Phone Number: (312) 427-1300

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 12-0400Authorized User Name Ladas & Parry LLP**9. Signature:**

Signature

March 28, 2006

Date

Richard J. Streit

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3Documents 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, V.A. 22313-1450

03/30/2006 RMEBRAHT 00000081 11390705

40.00 BP

04 FC:8021

PATENT
REEL: 017689 FRAME: 0681112959 U.S. PTO
11/390705

032806

UNITED STATES OF AMERICA
ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

**(1) Tomoki KOBAYASHI, (2) Toshiji SHIMADA, (3) Hiroyuki KATO,
and (4) Hiroshi SHIMIZU,
residing at each c/o SHINKO ELECTRIC INDUSTRIES CO., LTD.,
80, Oshimadamachi, Nagano-shi, Nagano 381-2287 Japan**

hereby sells, assigns and transfers to

ASSIGNEE:

**SHINKO ELECTRIC INDUSTRIES CO., LTD. having a place of business at:
80, Oshimadamachi, Nagano-shi, Nagano 381-2287 Japan**

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

READER/WRITER AND MANUFACTURING METHOD THEREOF

which application was

☒ (a) executed by the undersigned on March 16, 2006

☐ (b) filed as Serial No. _____ on _____

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

March 16, 2006

Date

Tomoki Kobayashi

INVENTOR **Tomoki KOBAYASHI**

March 16, 2006

Date

Toshiji Shimada

INVENTOR **Toshiji SHIMADA**

March 16, 2006

Date

Hiroyuki Kato

INVENTOR **Hiroyuki KATO**

March 16, 2006

Date

Hiroshi Shimizu

INVENTOR **Hiroshi SHIMIZU**