Docket No: IAT P31/500727.20038

| Form PTO-1595 RECOR<br>(Rev. 03/01)<br>OMB No. 0651-0027 (exp. 5/31/2002)                                                                                                  | U.S. Patent and Trademark Office               |                                                 |  |  |
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| To the Honorable Commissioner of Patents                                                                                                                                   | and Trademarks: Please record the attached     | original documents or copy thereof.             |  |  |
| Name of conveying party(les):     SANO, Ken                                                                                                                                | Name and address     Name: Sumida Co           | ss of receiving party(ies)<br>prporation        |  |  |
|                                                                                                                                                                            | Internal Address:                              | 3-3-6 Nihonbashi-Ningyocho-chou                 |  |  |
| Additional name(s) of conveying party(ies) attached?                                                                                                                       | Chouou-ku, Tokyo                               | 1030013, JAPAN                                  |  |  |
| 3. Nature of conveyance:                                                                                                                                                   |                                                |                                                 |  |  |
| Assignment Merg                                                                                                                                                            | ger Street Address: _                          |                                                 |  |  |
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| Execution Date: October 8, 2004                                                                                                                                            | Additional name(s) & a                         | address(es) attached? Tyes V No                 |  |  |
| <ol> <li>Application number(s) or patent number         If this document is being filed together w         A. Patent Application No.(s)         10/988,010     </li> </ol> | ith a new application, the execution di        | ate of the application is:                      |  |  |
|                                                                                                                                                                            | itional numbers attached? Yes No               |                                                 |  |  |
| <ol><li>Name and address of party to whom cor<br/>concerning document should be mailed:</li></ol>                                                                          | 6. Total number of app                         | plications and patents involved;                |  |  |
| Name: Stephen M. Chin                                                                                                                                                      | 7. Total fee (37 CFR 3                         | 3.41) <u>\$</u> 40.00                           |  |  |
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| <ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, is a true copy of the original document.</li> <li>Stephen M. Chin</li> </ol>            | the foregoing information is true and o        | correct and any attached copy  December 6, 2004 |  |  |
| Name of Person Signing                                                                                                                                                     | Signature                                      | Date                                            |  |  |
|                                                                                                                                                                            | pas including cover sheet, attachments, and do | <del>-</del>                                    |  |  |

Mall documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned (hereinafter "Assignor") hereby sells, assigns and transfers to: (1) Sumida Corporation, a Corporation of the country of Japan, having a principal place of business at 3-3-6 Nihonbashi-Ningyocho-chou, Chouou-ku, Tokyo, 1030013, Japan and (2) Sumida Electric Co., Ltd., a Corporation of the country of Japan, having a principal place of business at 3-3-6 Nihonbashi-Ningyocho-chou, Chouou-ku, Tokyo, 1030013, Japan its successors, legal representatives, assigns and nominees (hereinafter "Joint Assignees"), our entire right, title and interest in, to, and under:

| a.        | Assignors' | pending | application | for | Letters | Patent |
|-----------|------------|---------|-------------|-----|---------|--------|
| entitled: |            |         |             |     |         |        |

| Executed | on | : |
|----------|----|---|
|----------|----|---|

- X Serial Number 10/988,010 Filed November 12, 2004
- b. Any and all inventions described in said application for Letters Patent.
  - c. Any and all divisional, continuation, renewal, and substitute applications that may be filed for United States Letters Patent for any and all of said inventions.
  - d. Any and all patents that may be granted on the foregoing applications and any and all continuations, reissues, or extensions thereof.
  - e. Any and all improvements thereon or relating thereto which Assignors have invented.
  - f. Any and all rights in foreign countries under such applications and inventions, including the right to claim the priority date of the United States application and the right to priority under such application under the International Convention.

Assignors hereby authorize and request the Commissioner of Patents to issue any and all such Letters Patent for said invention to said Assignee.

NYLIB-5HY\_01(.DQC-QWALCOTT December 6, 2004 | 11:44 AM

## PAGE 2 OF 2

Assignors further covenant and warrant that, to the best of their knowledge, the rights and properties herein conveyed are free and clear of any encumbrances and Assignee shall hold and enjoy any and all inventions, applications, and Letters Patent issued thereon for its own use as fully and entirely as the Assignors would have held and enjoyed said rights had this assignment and sale not been made, including the full right of the Assignee to convey said rights.

Assignors further agree on their own behalf, and on behalf of their heirs, legal representatives, administrators, and assigns, at any time, upon request, without additional compensation, but at no expense to Assignors, to:

- Communicate to said Assignee any facts relating to the invention and the history thereof;
- 2. Execute and deliver all papers and do all acts which may be necessary, desirable, or convenient to secure, maintain, and enforce patents for said invention in any and all countries; and to execute and deliver any and all papers or instruments that in the opinion of Assignee may be necessary or desirable to vest title thereto in Assignee or its nominees, including the execution and delivery of any and all papers or instruments to carry out the terms of this Agreement, and to secure to Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed; and
- Testify at all proceedings concerning said invention and patents.

If Assignors are not employed by Assignee at the time each testimony or other activities are required, the Assignee agrees to pay the Assignors at the rate Assignors were paid when employed and to pay at least for a minimum of one day.

| Witness:<br>(Print<br>Name) | Muk: Torkata  Maki TAKATA | Inventor_ | Kan<br>Kan | Sano  | no.   |
|-----------------------------|---------------------------|-----------|------------|-------|-------|
| Date:                       | 8.001.2004                | Date: _   | _ & _ a    | Oct = | 200 4 |



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/ Denise Walcott Date: 12/6/04

U.S. Application No.: 10/988,010

Please record the following:

PTO-1595 (1 page)

Assignment for Recordation To:

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