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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rachid SBIAA
Isamu SATO

7-2-04

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

2. Name and address of receiving party(ies)

TDK CORPORATION
1-13-1 Nihonbashi
Chuo-Ku
Tokyo 103-8272
Japan

22386 U.S. PTO
10/882315

070204

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

7-

Execution Date: March 15, 2004

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: March 15, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

10882315

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

Shawn W. O'Dowd
Kenyon & Kenyon
1500 K Street, NW
Suite 700
Washington, DC 20005

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(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 information is true and correct and any attached copy is a true copy of the original document.

Shawn W. O'Dowd
Name of Person Signing

[Signature]
Signature

July 2, 2004
Date

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

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

Attorney's Docket No. 12996/5

PATENT

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, and transfer to *TDK Corporation*, a corporation of Japan, having a principal place of business at 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

<u>March 15th</u> , 2004	<u>Rachid Sbiaa</u> Rachid Sbiaa
<u>March 15</u> , 2004	<u>Isamu Sato</u> Isamu SATO
_____, 2004	_____
_____, 2004	_____

Assignment Document Return Address:

Kenyon & Kenyon
1500 K Street, N.W., Suite 700
Washington, D.C. 20005-1257

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RECORDED: 07/02/2004

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