



DE

Atty Docket No.: 214321US2/mtp

FORM PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

| | |
|--|--|
| 1. Name of conveying party(ies): <u>9-30-03</u> Takashi URANO and Takashi YAMAMOTO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies): Name: TDK Corporation Address: 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, JAPAN Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: August 24, 29, 2001 | |

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:

| | |
|--|------------------------------|
| A. Patent Application No.(s) <u>09/963,428</u> | B. Patent No.(s) |
| Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

| | |
|--|---|
| 5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number <u>22850</u> Tel. (703) 413-3000 Fax. (703) 413-2220 | 6. Total applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) |
|--|---|

DO NOT USE THIS SPACE

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.

| | | |
|---|---------------------------------|------------------------|
| <u>Marvin J. Spivak</u> Name of Person Signing | <u>Paul Sacher</u> Signature | <u>9/30/03</u> Date |
|---|---------------------------------|------------------------|

Registration Number: 24,913

Paul Sacher
Registration No. 43,418

Total number of pages including this cover sheet: 3

Do not detach this portion

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

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

10/01/2003 MBELETE1 00000060 09963428
 01 FD:8021 40.00 DP

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, 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: Aug. 24. 2001

Takashi Urano
 (Signature of Invention) Takashi URANO

Date: Aug. 29. 2001

Takashi Yamamoto
 (Signature of Invention) Takashi YAMAMOTO

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON, VIRGINIA 22202