06 FC:8021

Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450

01-13-2006

Patent and Trademark Office

103158170 Alexandria, VA 22313-1450 Attorney Docket No. 123600 Please record the attached original document or copy thereof. Name of conveying parties: 2. A. Name and address of receiving party: Joichiro EZAKI TDK CORPORATION Yuji KAKINUMA 1-13-1, NIHONBASHI, CHUO-KU, Keiji KOGA TOKYO, 103-8272 JAPAN Shigekazu SUMITA Additional name(s) of conveying party(ies) attached? ☐ Yes 🖾 No 3. Additional name(s) & address(es) attached? Nature of conveyance: ☐Yes ⊠ No \boxtimes Assignment ☐ Merger ☐ Change of Name Security Agreement Other_ Execution Date: June 1, 2005 \boxtimes This document is being filed together with a new application. Patent Application No.(s)_ Patent No.(s) 07/05/2005 BNAJARRO 00000085 10540400 Additional numbers attached?

Yes

No 40.00 OP C. Title of Application: MAGNETIC MEMORY DEVICE, WRITE CURRENT DRIVER CIRCUIT AND WRITE CURRENT DRIVING METHOD Name and address of party to whom correspondence Total number of applications and patents involved: $\underline{1}$ concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41).....\$ 40 Enclosed (Check No. 168038) OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to Address: P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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. Date: June 23, 2005 James A. Oliff Registration No. 27,075 Eric D. Morehouse Registration No. 38,565 Total number of pages including cover sheet, attachments, and document: 4

PATENT

REEL: 017444 FRAME: 0883

Assignment

譲渡証

Japanese Language Assignment

| (1-8) | Insert Name(s) of Inventor(s) 発明者の氏名を記入すること | |
|--|--|--|
| (1) | Joichiro EZAKI | |
| (2) | Yuji KAKINUMA | |
| (3) | Keiji KOGA | |
| (4) | Shigekazu SUMITA | |
| (5) | | |
| (6) | | |
| (7) | | |
| (8) | | |
| | の署名人に対して支払われた総額1ドル (\$1.00)お 1の適切な有価約因を考慮して、各々の署名人は | In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to |
| (9) | Insert Name of Assignee | |
| (9) | 譲受人氏名を記入すること TDK Corporation | |
| (10) | Insert Address of Assignee | |
| (20) | 譲受人住所を記入すること | |
| (10) | 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan | |
| (以降譲受人と称する)に対して、譲渡に同意し、ここに譲渡し、米国法第35章第100条に定義されるごとく、この発明および仮出願、非仮出願、分割出願、継続出願、差替え出願、及び再発行出願、および前記発明に関するすべての特許証、延長証、再発行証、再審査証を含む特許のための全ての出願において、アメリカ合衆国のためのすべての権利、所有権、および利益を譲受人の継承人、後継者、非譲渡者、および法定代理人に移転および譲渡し、 | | (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as |
| (11) | Insert Identification such as Title, Case Number, or Foreign Application Number 名称、事件番号、もしくは外国出願番号のよう な確認事項を記入のこと | |
| (11) | MAGNETIC MEMORY DEVICE, WRITE CURRENT DRIVER CIRCUIT AND WRITE CURRENT DRIVING | |
| | METHOD | |
| | | |
| • | ey Docket No. 123600) 整理番号 | |
| | 名人が下記の日付でアメリカ合衆国において特許 履行するものであり、 | for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith |

RECORDED: 06/23/2005

PATENT REEL: 017444 FRAME: 0884