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| 3. Nature of conveyance:  | n &   |
| X Assignment  | Street Address: 3-7-3, Naka-Cho, Musashino-Shi,   |
| Security Agreement  | City: Tokyo, Japan  |
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| Change of Name Other  | Additional name(s) & address(es) attached? _ Yes _X_No  |
| _   | 09 340 349  |
| Execution Date: April 16, 2001  | 0701001   |
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| If this document is being filed together with a new application is: April 16, 2001        | tion, the execution date of   |
| A. Patent Application No.(s)  | B. Patent No.(s):   |
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| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved <u>1</u>                                   |
| Name: Eugene Lieberstein, Esq.  | 7. Total fee (37 CFR 3.41)  |
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**PATENT REEL: 011772 FRAME: 0941** 

## ASSIGNMENT UNITED STATES OF AMERICA

| have invented certain new and useful improvements in (3) GUIDE SHAFT SUPPORT  MECHANISM AND RECORDING MEDIUM RECORDING AND REPRODUCING APPARATUS  for which application for Letters Patent in the United States of America (4) a) is about to be made or/xin/tex/xiexm/xicatex  And Whereas, (5)  | Whereas, I/We (1) YOSHIKI KIRINOE  |
|---|--|
| MECHANISM AND RECORDING MEDIUM RECORDING AND REPRODUCING APPARATUS  for which application for Letters Patent in the United States of America (4) a) is about to be made or XD XTEX XXXXIVXXIVXXIVXXIVXXIVXXIVXXIVXXIVXXIV   | of (2) 2-26-9, Nagasaki, Toshima-Ku, Tokyo, Japan  |
| MECHANISM AND RECORDING MEDIUM RECORDING AND REPRODUCING APPARATUS  for which application for Letters Patent in the United States of America (4) a) is about to be made or XD XTEX XXXXIEX  And Whereas, (5) TEAC CORPORATION  of (6) 3-7-3, Naka-Cho, Musashino-shi, Tokyo, Japan  is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;  Now Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said (5) TEAC CORPORATION  territory of the United States of America, and not elsewhere; the full and exclusive right, title, and Interest In and to the said Invention, as fully set forth and described in the specification |  |
| MECHANISM AND RECORDING MEDIUM RECORDING AND REPRODUCING APPARATUS  for which application for Letters Patent in the United States of America (4) a) is about to be made or XD XTEX XXXXIEX  And Whereas, (5) TEAC CORPORATION  of (6) 3-7-3, Naka-Cho, Musashino-shi, Tokyo, Japan  is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;  Now Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said (5) TEAC CORPORATION  territory of the United States of America, and not elsewhere; the full and exclusive right, title, and Interest In and to the said Invention, as fully set forth and described in the specification |  |
| for which application for Letters Patent in the United States of America (4) a) is about to be made or XXI XIEX XIEXEN XXXXIEX  And Whereas, (5)  | have invented certain new and useful improvements in (3) GUIDE SHAFT SUPPORT   |
| of (6)  | for which application for Letters Patent in the United States of America (4) a) is about to be   |
| Now Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said (5) TEAC CORPORATION  territory of the United States of America, and not elsewhere; the full and exclusive right, title, and Interest In and to the said Invention, as fully set forth and described in the specification  | And Whereas, (5)TEAC_CORPORATION  of (6)3-7-3, Naka-Cho, Musashino-shi, Tokyo, Japan   |
| transferred and set over, and by these presents do assign, transfer and set over unto the said  (5)   |  |
| territory of the United States of America, and not elsewhere; the full and exclusive right, title, and Interest in and to the said invention, as fully set forth and described in the specification   | consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said |
| and Interest in and to the said invention, as fully set forth and described in the specification  | to rite at af the United States of America, and not elsewhere; the full and exclusive right, title   |
| 1// P'YF  | and Interest In and to the said Invention, as fully set forth and described in the specification (7) prepared and executed by me/us on (8)April 16, 2001on (10)on (10)             |

Page 1 of 2

| to be held and enjoyed by the said (5)                          | TEAC CORPORATION                                   |
|---|--|
|   | to the full end of the term for                    |
|   | ılly and entirely as the same would have been held |
| by me/us had this assignment and transfer                       | r not been made.                                   |
| In testimony whereof, I/we have he (11) 16th day of April, 2001 | ereunto set my/our hand this                       |
| WITNESSES:  | INVENTOR(S):                                       |
|   | (1) Yoshiki Kiringe YOSHIKI KIRINGE                |
| Toshio Marukawa   | (2)  |
|   | (3)  |
|   | (4)  |

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**RECORDED: 04/24/2001** 

PATENT REEL: 011772 FRAME: 0943