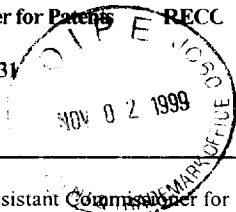


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11-04-1999



Assistant Commissioner for Patents
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Washington, D.C. 20231



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PATENTS ONLY

DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 104514

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

<p>1. A. Name of conveying party(ies): Yoshito NIHIRA Takahiro ITOU Kenji IMAMURA</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. A. Name and address of receiving party(ies): TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU TOKYO 103-8272, JAPAN</p> <p>TAKARA CORPORATION LIMITED 4-19-16, AOTO, KATSUSHIKA-KU TOKYO, 125-8503, JAPAN</p> <p>B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. A. 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 _____</p> <p>B. Execution Date: <u>October 26, 1999</u></p>			
<p>4. A. If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>B. Patent Application No. <u>09/417,028</u> C. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James A. Oliff</u></p> <p>Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320</p>		<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>40.00</u> B. Enclosed (Check No. <u>104057</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p>	
<p>9. Statement and signature. <i>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.</i></p> <p><u>Thomas J. Pardini</u> James A. Oliff Registration No. 27,075 Thomas J. Pardini Registration No. 30,411</p> <p>Date: <u>November 2, 1999</u></p> <p>Total number of pages including cover sheet, attachments, and document: <u>2</u></p>			

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(40.00 OP)

PATENT
REEL: 010349 FRAME: 0682

ASSIGNMENT (Two Assignees)

(1-8) Insert Name(s) of Inventor(s)	(1) <u>Yoshito NIHIRA</u>	(4) _____
	(2) <u>Takahiro ITOU</u>	(5) _____
	(3) <u>Kenji IMAMURA</u>	(6) _____

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

(9A) Insert Name of First Assignee	(9A) <u>TDK CORPORATION</u>
(10A) Insert Address of First Assignee	(10A) <u>1-13-1, NIHONBASHI, CHUO-KU, TOKYO, 103-8272, JAPAN</u>
(9B) Insert Name of Second Assignee	(9B) <u>TAKARA CORPORATION LIMITED</u>
(10B) Insert Address of Second Assignee	(10B) <u>4-19-16, AOTO, KATSUSHIKA-KU, TOKYO, 125-8503, JAPAN</u>

(hereinafter designated as the Assignees) and Assignees' 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 divisions, continuations, substitutes, and reissues, 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	(11) <u>MAGNETOPHORESIS TYPE DISPLAY DEVICE AND PROCESS OF PRODUCTION OF SAME</u> Attorney Docket No. <u>104514</u>
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for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application	(12) on <u>September 27, 1999</u>
(13) Alternative Identification for filed applications	(13) U.S. Application Serial Number _____ filed <u>October 12, 1999</u>

1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>October 26, 1999</u>	Inventor Signature <u>Yoshito Nihira</u>	(SEAL)
Date <u>October 26, 1999</u>	Inventor Signature <u>Takahiro ITOU</u>	(SEAL)
Date <u>October 26, 1999</u>	Inventor Signature <u>Kenji Imamura</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>October 26, 1999</u>	Witness <u>Akira Kabinawa</u>
Date <u>October 26, 1999</u>	Witness <u>Koji Itoh</u>