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Attorney Docket No. 107454

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

- |                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                          |
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| <p>1. A. Name of conveying parties)<br/>         1. Kouichirou WAKABAYASHI<br/>         2. Tsuyoshi ONUMA<br/>         3. Teruaki TAKEUCHI<br/>         4. Nobuyuki INABA<br/>         5. Fumiyoshi KIRINO</p> <p>B. Additional name(s) of conveying party(ies) attached?<br/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. A. Name and address of receiving party:<br/>         HITACHI MAXELL, LTD.<br/>         1-88, USHITORA 1-CHOME,<br/>         IBARAKI-SHI, OSAKA, 567-8567 JAPAN</p> |
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| <p>3. A. Nature of conveyance:<br/> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br/> <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br/> <input type="checkbox"/> Other _____</p> <p>B. Execution Date: <sup>(1)</sup> September 18, 2000,<br/> <sup>(2)</sup> September 21, 2000 and <sup>(3)</sup> September 19, 2000</p> | <p>B. Additional name(s) &amp; address(es) attached?<br/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="font-size: 2em; margin-top: 20px;">09671478</p> |
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4. A. If this document is being filed together with a new application, the execution date of the application is:  
September 18, 2000, September 21, 2000, September 19, 2000 and September 18, 2000

B. Patent Application No.(s) \_\_\_\_\_ C. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

- |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                  |
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| <p>5. Name and address of party to whom correspondence concerning document should be mailed:<br/><br/>         Name: <u>James A. Oliff</u><br/><br/>         Address: <b>OLIFF &amp; BERRIDGE, PLC</b><br/> <b>P.O. Box 19928</b><br/> <b>Alexandria, VA 22320</b></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><br/>         B. Enclosed (Check No. <u>112287</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p> |
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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.*

James A. Oliff  
 James A. Oliff Registration No. 27,075  
 Thomas J. Pardini Registration No. 30,411

Date: September 27, 2000

Total number of pages including cover sheet, attachments, and document: 2

# ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) <u>Kouichirou WAKABAYASHI</u> (2) <u>Tsuyoshi ONUMA</u> (3) <u>Teruaki TAKEUCHI</u> (4) <u>Nobuyuki INABA</u>	(5) <u>Fumiyoshi KIRINO</u> (6) _____ (7) _____ and (8) _____
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In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (10) Insert Address of Assignee	(9) <u>HITACHI MAXELL, LTD.</u> (10) <u>1-88, Ushitora 1-chome, Ibaraki-shi, Osaka, 567-8567 JAPAN</u>
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(hereinafter designated as the Assignee) 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  (12) Insert Date of Signing of Application  (13) Alternative Identification for filed applications	(11) <u>INFORMATION RECORDING MEDIUM, RECORDING AND REPRODUCING APPARATUS THEREFOR, AND HEAD POSITIONING METHOD</u> (Case No. _____) for which the undersigned has (have) executed an application for patent in the United States of America <u>September 18, 2000, September 21, 2000,</u> (12) on <u>September 19, 2000, September 19, 2000 and</u> <u>September 18, 2000, respectively;</u> (13) U.S. application Serial Number _____ filed <u>September 27, 2000</u>
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1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) 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 Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification 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.

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

Date	<u>9/18/2000</u>	Name of Inventor <u>Kouichirou Wakabayashi</u>	(SEAL)
Date	<u>9/21/2000</u>	Name of Inventor <u>Tsuyoshi Onuma</u>	(SEAL)
Date	<u>9/19/2000</u>	Name of Inventor <u>Teruaki Takeuchi</u>	(SEAL)
Date	<u>9/19/2000</u>	Name of Inventor <u>Nobuyuki Inaba</u>	(SEAL)
Date	<u>9/19/2000</u>	Name of Inventor <u>Fumiyoshi Kirino</u>	(SEAL)
Date	_____	Name of Inventor _____	(SEAL)
Date	_____	Name of Inventor _____	(SEAL)
Date	_____	Name of Inventor _____	(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	Sep. 22, 2000	Witness <u>Yasu Yamagata</u>	
Date	Sep. 22, 2000	Witness <u>Teruaki Yamagata</u>	