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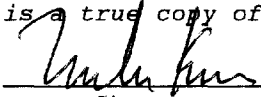
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> Osamu KOMODA (August 4, 1999) Tamotsu ITO (August 4, 1999) Masahiro KAGEYAMA (August 11, 1999) No additional names attached <input type="checkbox"/>	<b>2. Name and address of receiving party(ies):</b> HITACHI, LTD. 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan No additional names(s) or address(es) attached <input type="checkbox"/>
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> assignment <input type="checkbox"/> merger <input type="checkbox"/> security agreement <input type="checkbox"/> change of name <input type="checkbox"/> other	
<b>EXECUTION DATE:</b> See above.	
<b>4. Application number(s) or patent number(s):</b> THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION.	
<b>A. Patent Application Number(s)</b> 09/366,642, filed August 4, 1999	<b>B. Patent Number(s)</b>
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: ANTONELLI, TERRY, STOUT, KRAUS, LLP Address: Suite 1800 1300 North Seventeenth Street Arlington, VA 22209	<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37CFR 3.41) \$40.00</b> <input checked="" type="checkbox"/> Check enclosed <input type="checkbox"/> Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to <b>8. DEPOSIT ACCOUNT NO. 01-2135</b>
<b>DO NOT USE THIS SPACE</b>	

**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.

Melvin Kraus (Reg. No. 22,466)  
 Attorney for Applicant(s)

  
 Signature

September 21, 1999  
 Date

- ♦ Total number of pages including cover sheet, attachments and documents: 2
- ♦ Attorney Docket # 501.37387X00

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**PATENT**  
**REEL: 010246 FRAME: 0961**

# ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to HITACHI, LTD. of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, 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 and enjoyed by me or us if this assignment and sale had not been made:

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

- |  | (Full Name) | (Signature)              |
|--|-------------|--------------------------|
| 1) Date <u>August 4, 1999</u> Inventor <u>Osamu KOMODA</u>   |             | <u>Osamu Komoda</u>      |
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| 2) Date <u>August 4, 1999</u> Inventor <u>Tamotsu ITO</u>  |             | <u>Tamotsu Ito</u>       |
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| 3) Date <u>August 10, 1999</u> Inventor <u>Masahiro KAGEYAMA</u>   |             | <u>Masahiro Kageyama</u> |
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| 4) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |
| 5) Date _____ Inventor _____   |             |                          |
| Residence _____ Citizenship _____  |             |                          |
| Post Office Address _____  |             |                          |

Witness(es)

All) Yasuji Moriyama 2) \_\_\_\_\_ 4) \_\_\_\_\_  
 1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_

PATENT

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