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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>  AKIRA KUMOMURA  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: JANUARY 31, 1997</b>	
<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> 08/810,470, filed March 4, 1997	<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: 1</b> <b>7. Total fee (37CFR 3.41) \$40.00</b> <input checked="" type="checkbox"/> Check enclosed <input checked="" 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.

David S. Lee (Reg. No. 38,222)  
Attorney for Applicant(s)

Signature

July 13, 1999  
Date

- ◆ Total number of pages including cover sheet, attachments and documents: 2
- ◆ Attorney Docket # 501.34913X00

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# ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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 on 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 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.

Signed on the date(s) indicated aside signatures :

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Akira Humomura</u>	January 31, 1997	<u>Norihito Kimijima</u>
2) _____	_____	_____
3) _____	_____	_____
4) _____	_____	_____
5) _____	_____	_____
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____