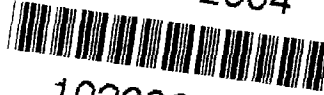


12-17-2004



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<p><b>1. Name of conveying party(ies)/Execution Date(s):</b> Hideyuki Arikawa (11/16/2004), Akira Mebata (11/16/2004), Yoshitaka Kojima (11/16/2004), and Kunihiko Ichikawa (11/16/2004)</p> <p>Execution Date(s): in parentheses after inventor name</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b></p> <p>Name: <u>Hitachi, Ltd.</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p>6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo 100-8280 JAPAN</p> <p>City: _____</p> <p>State: _____</p> <p>Country: _____ Zip: _____</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
This application

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

Additional numbers attached?  Yes  No

<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <u>Mark J. Thronson</u> <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY</u> <u>LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: N9460.0034/P034</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u></p> <p>State: <u>DC</u> Zip: <u>20037-1526</u></p> <p>Phone Number: <u>(202) 775-4742</u></p> <p>Fax Number: <u>(202) 887-0689</u></p> <p>Email Address: <u>ThronsonM@DSMO.com</u></p>	<p><b>6. Total number of applications and patents involved:</b> <u>1</u></p> <p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> <u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged by credit card</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p><b>8. Payment Information</b></p> <p>a. Credit Card Last 4 Numbers <u>1008</u> Expiration Date <u>02/28/06</u></p> <p>b. Deposit Account Number _____ Authorized User Name _____</p>
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**9. Signature:**

December 8, 2004

Signature Date

Mark J. Thronson - 33,082 Total number of pages including cover sheet, attachments, and documents:

Name of Person Signing

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01 FC:8021 40.00 OP

**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 6-6, Marunouchi 1-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

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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 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)
1) Hideyuki ARIKAWA <u>Hideyuki Arikawa</u>	<u>11/16/2004</u>
2) Akira MEBATA <u>Akira MEBATA</u>	<u>11/16/2004</u>
3) Yoshitaka KOJIMA <u>Yoshitaka Kojima</u>	<u>11/16/2004</u>
4) Kunihiro ICHIKAWA <u>Kunihiro Ichikawa</u>	<u>11/16/2004</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____