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FORM PTO-1596
1-31-92

RECC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 58799-073

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Kozo MASUDA, Ikuya ARAI, Kazuyuki TAKIZAWA &
Junichi NISHIMOTO

Additional name(s) of conveying party(ies) attached? Yes

1-13-03

2. Name and address of receiving party(ies):
Name: HITACHI, LTD.

Address: 6, Kanda Surugadai 4-chome
Chiyoda-ku
Tokyo, JAPAN

Additional name(s) & address(es) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 10/17/2002; 10/17/2002; 10/17/2002 &
10/21/2002

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
10/290,445, filed November 8, 2002

B. Patent No(s).

Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
500417

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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.

Michael E. Fogarty 36,139


January 13, 2003

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

01/22/2003 ECD/PER 0000027 500417 10230443

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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

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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) <u>Kezo Masuda</u>	<u>10/17/2002</u>
2) <u>Ikuya Arai</u>	<u>10/17/2002</u>
3) <u>Kazuyuki Takizawa</u> ^{Takizawa} Takizawa _{K.T.}	<u>10/17/2002</u>
4) <u>Junichi Nishimoto</u>	<u>10/21/2002</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____