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PATENTS ONLY

FORM PTO-1596  
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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 628

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

1. Name of Conveying Party(ies): **3-31-03**  
Fumio HARUNA, Tsuneyuki NOZAWA and Atsushi SHIGETA  
Additional name(s) of conveying party(ies) attached?  Yes

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: February 7, February 7 and February 7, 2003  
(respectively)

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).  
10/361,014, filed February 10, 2003  
Additional numbers attached?  Yes

B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT, WILL & EMERY  
Internal Address:  
Street Address: 600 13<sup>th</sup> 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.*  
Keith E. George, 34,111  
Signature: Date: March 31, 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)

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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 our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

- |     |                         |                 |
|-----|-------------------------|-----------------|
| 1)  | <u>Fumio Itawana</u>    | <u>2/7/2003</u> |
| 2)  | <u>Tsunepuki Nozawa</u> | <u>2/7/2003</u> |
| 3)  | <u>Atoushi Shigeta</u>  | <u>2/7/2003</u> |
| 4)  | _____                   | _____           |
| 5)  | _____                   | _____           |
| 6)  | _____                   | _____           |
| 7)  | _____                   | _____           |
| 8)  | _____                   | _____           |
| 9)  | _____                   | _____           |
| 10) | _____                   | _____           |