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50-58-50

**1. Name of conveying party(ies)/Execution Date(s):**

(1) Yoichi IIHOSHI  
 (2) Shinji NAKAGAWA  
 (3) Toshio HORI  
 (4) Yoshikuni KURASHIMA

Execution Date(s) (1) 04/19/05; (2) 04/19/05; (3) 04/20/05;  
 and (4) 04/20/05

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: HITACHI, LTD.

Street Address: 6-6 Marunouchi 1-chome  
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 JAPAN

Additional name(s) & address(es) attached?  Yes  No

113009 U.S. PTO  
11/136533



**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_

**4. Application number(s) or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
 (To Be Assigned)

B. Patent Registration No.(s)

Additional number(s) attached?  Yes  No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Crowell & Moring LLP

Street Address: Intellectual Property Group  
 PO Box 14300  
 Washington, DC 20044-4300

Phone Number: 202-624-2500  
 Fax Number: 202-628-8844

**6. Total number of applications and patents involved** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

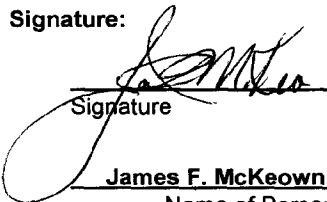
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 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers  
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 Authorized User Name

**9. Signature:**

  
 Signature

\_\_\_\_\_ May 25, 2005 \_\_\_\_\_  
 Date

**James F. McKeown, Registration No. 25,406**  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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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 6-6, 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 our signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Yoichi HOSHI</u> Yoichi HOSHI	<u>4/19/2005</u>
2)	<u>Shinji NAKAGAWA</u> Shinji NAKAGAWA	<u>4/19/2005</u>
3)	<u>Toshio HORI</u> Toshio HORI	<u>4/20/2005</u>
4)	<u>Yoshikuni KURASHIMA</u> Yoshikuni KURASHIMA	<u>4/20/2005</u>
5)	<u>Yoshikuni KURASHIMA</u> <del>Yoshikuni KURASHIMA</del>	<u><del>4/20/2005</del></u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____