Form PTO-1595 (Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005) 102/43204		
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1. Name of conveying party(ies): KANAI, HIROKI S. G. U Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	Name and address of receiving party(ies) Name: HITACHI, LTD. Internal Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku	
3. Nature of conveyance: Assignment	Street Address: MAY 0 6 2004 City: Tokyo, JAPAN State: Zip:	
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 Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s) 10/771,465, filed February 5, 2004 	execution date of the application is: B. Patent Registration No.(s)	
Additional number(s) att Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved	
Name: Antonelli, Terry, Stout & Kraus, LLP	7. Total fee (37 CFR 3.41)	
Internal Address:	Authorized to be charged to deposit account	
1300 North Seventeenth Street Suite 1800 Arlington, VA 22209	Deposit account number:	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is a true copy of the original document. Carl I. Brundidge, Reg# 29.621 Name of Person Signing Signature Signature Signature	05/06/2004	
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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:

RECORDED: 05/06/2004

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Kirchi Kanal	2/12/04
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	

PATENT REEL: 015308 FRAME: 0449