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OMB No. 0651-0027 (exp. 5/31/2002)		
7002 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
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Nature of conveyance:	City: Iokyo, JAPAN State: _Zip: ☐ Other	
Execution Date: January 7 & 8, 2002.	Additional name(s) & address(es) attached? ☐ Yes ☒ No	
Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s)	execution date of the application is: B. Patent Registration No.(s)	
10/020,903, filed December 19, 2001		
Additional number(s) attached ☐ Yes ☒ No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1	
Name: Antonelli, Terry, Stout & Kraus, LLP	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address:	Authorized to be charged to deposit account	
1300 North Seventeenth Street Suite 1800 Arlington, VA 22209	8. Deposit account number:	
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Commissioner of Patent & Trademarks, Box Assignments

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PATENT REEL: 012556 FRAME: 0542

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: 02/05/2002

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4)	
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PATENT REEL: 012556 FRAME: 0543

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