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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): ITABASHI, TAKEYUKI AKAHOSHI, HARUO TAKAI, EJIJ	Name and address of receiving party(ies) Name: HITACHI, LTD.
NISHIMURA, NAOKI HDA, TADASHI UEDA, YOSHINORI Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan
3. Nature of conveyance:	
Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: Mar. 30, 2001; April 13,16,25, 2001.	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s) U.S. Serial No. 09/962,249 filed September 26, 2001	execution date of the application is: B. Patent Registration No.(s)
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
Name: Antonelli, Terry, Stout & Kraus, LLP	7. Total fee (37 CFR 3.41) \$40.00 ⊠ Enclosed
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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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. Gregory E. Montone, Reg. No. 28,141	
Name of Person Signing Signatur	Date
Total number of pages including cover sheet, attachments, and document: 5	

Mail documents to be recorded with required cover sheet information to:

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Gregory E. Montone

Name of Person Signing

OMB No. 0651-0011 (exp. 4/94)

Attorney Registration No. 28,141

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

September 26, 2001

Date

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 or us citizen(s) 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 or us 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: 04/17/2002

INVENTOR(S)	Date Signed
(発明者フルネームサイン)	(署名日)
1) Takeyuki ITABASHI Takeyuki Atabashi	3/30/2001
2) HARUO AKAHOSHI Harus Akakorhi	3/30/200/
3) EIJI TAKAI Eiji Takai	4/16/2001
4) Naoki NISHIMURA Maofu Mishimura	4/16/2001
5) Tadashi IIDA jadashi Didar	4/13/2001
6) Yoshinori UEDA Yoshinori Voda	4/25/2001
7)	
8)	
9)	
10)	

PATENT REEL: 012803 FRAME: 0515