07-25-2001

Attorney Docket No. 16869P-020300

(Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/202) Tab settings S S S	
Tab settings ⇒ ⇒ → ADEMARY 101787937	
To the Honorable Commissioner of F. 1. Name of conveying party(ies): Hiroshi Arakawa Additional name(s) of conveying parties attached? Yes No. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other:	Please record the attached original documents or copy thereof 2. Name and address of receiving party(les) Name: HITACHI, LTD. Internal Address: Street Address: 6. Kanda Surugadai 4-chome, Chiyoda-ku City: Tokyo Country: Japan ZIP: Additional names and addresses attached? Yes No
Execution Date: May 30, 01	
Application number(s) or patent number(s).	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No(s): 09/835,073	B. Patent No(s):
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence	Total number of applications and patents involved 1
concerning document should be mailed: Name: Kim Kanzaki TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200	7. Total fee (37 CFR 3.41):\$40.00 ☐ Enclosed ☑ Authorized to be charged to deposit account
	8. Deposit account number: 20-1430 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.	
Atty. Reg. No. 37,652	b 2 9 6 1 Signature Date Dover sheet, attachments and document 3

Mail documents to be recorded with required cover to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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PATENT

REEL: 011993 FRAME: 0863



 Additional name(s) of conveying party(ies): (Continued from Page 1)

Kazuhiko Mogi Yoshiaki Eguchi Kouji Arai

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

PA 3154367 vi

PATENT REEL: 011993 FRAME: 0864

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: 07/09/2001

INVENTOR((発明者フルネーム	
1) Hiroshi Wakan	wa 3,30/01
1) Hiroshi Arakar 2) Rajnhiko Mogi 3) Joshiahi Eguiki	3/30/0/
3) Joshiaki Eguki	3/30/01
4) Kouji Arai	3/30/01
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 011993 FRAME: 0865