Form PTO-1595
(Rev. 10-02)
OMB No. 0651-0027 (exp. 5/31/2004)
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02-27-2003

y Docket No. 16869N-065300US

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| | marks. Please record the attached original documents or copy thereof | | | |
| 1. Name of conveying party(ies): Hiroshi Akai 2 -19 - 0 | Name and address of receiving party(ies) | | | |
| Hiroshi Akai | | | | |
| | Litashi I td | | | |
| Additional name(s) of conveying party(ies) attached? Yes N | o. Hitachi, Ltd. 6, Kanda Surugadai 4-chome | | | |
| 3. Nature of conveyance: | Chiyoda-ku | | | |
| | Tokyo, Japan | | | |
| ☐ Security Agreement ☐ Change of Nam | e Additional name(s) and address(es) attached? ☐ Yes ☒ No | | | |
| Other: | | | | |
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| Execution Date: November 22, 2002 | | | | |
| Application number(s) or patent number(s): | | | | |
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| If this document is being filed together with a new applicat | ion, the execution date of the application is: | | | |
| A. Patent Application No(s): 10/286,138 | B. Patent No(s): | | | |
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| Additional numbers attached? ☐ Yes ☒ No | | | | |
| Name and address of party to whom correspondence | 6. Total number of applications and patents involved 1 | | | |
| concerning document should be mailed: | | | | |
| Name: Debot C. Colwell | 7. Total fee (37 CFR 3.41):\$40.00 | | | |
| Name: Robert C. Colwell TOWNSEND AND TOWNSEND AND CREW LLP | 7. Totaliee (37 CFR 3.41) | | | |
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| Robert C. Colwell Name of Person Signing Signature February 11, 2003 Date | | | | |
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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Yoshinori Suzuki Shigehisa Motowaki Junji Nakata Takeshi Hoshino Toyota Honda

- 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 3283301 v1

PATENT REEL: 013779 FRAME: 0076

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:

| (発明者フル | ITOR(S) ネームサイン) | Date Signed (署名日) | |
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| 2) Varfinal | | Pec-16, 2002 | |
| 3) Shìgehìsa | V | Dec. 19, 2002 | |
| 4) Junji Kat | | Dec 20, 2002 | |
| 5) Tuheshi Has | shino | Jan . 5, 2003 | |
| 6) Toota Idona | | Dec. 6, 2002 | |
| 7) | | | |
| 8) | | | |
| 9) | | | |
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