FURM PTO-1595 U.S. DEPARTMENT OF COMMERCE 06-01-1998 RE(3HEET (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) 500.36268X00 Tab settings ⇔ ⇔ ▼ 100723773 ached original documents or copy thereof. To the Honorable Commissioner of Pa 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Seiichi SUSAKI, Yasuhiko MIZUNO, Miwa Name: HITACHI LTD TAKAHASHI, Satoshi MITSUNAGA, Shoji MORIYAMA Internal Address: Additional name(s) of conveying party(ies) attached?

Yes XX No 3. Nature of conveyance: Street Address: 6, KANDA SURUGADAI 4-CHOME Assignment □ Merger CHIYODA-KU, TOKYO JAPAN □ Change of Name ☐ Security Agreement State: ZIP: □ Other _____ Execution Date: _____ May 7, 1998 Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or patent number(s): May 7, 1998 If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes XXNo 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address:__ XVI Enclosed 05/26/1998 NGORDON 00000008 09081555 Authorized to be charged to deposit account 04 FC:581 40.00 DP 8. Deposit account number: Street Address: 1300 NORTH SEVENTEENTH STREET **SUITE 1800** 01 - 2135City: ARLINGTON State: VA ZIP: 22209 (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 information is true and correct and any attached copy is a true copy of the original document. May 20, 1998 James N. Dresser

Name of Person Signing 22,973 (

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

E3965-0/

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:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) Jeuchi Jusaki (spiichi SUSAKI)	May 7, 1998	Wortan Ekanho
2) Jessahuke Vinzurn (Yasuhiko MIZUNO)	May 7, 1998	Watare Thaki
3) Mura Jakahashi	May 7, 1998	Water Thanki
(Miwa TAKAHASHI) 4) / / / / / / / / / / / / / / / / / / /	May 7, 1998	Watern John
5) Shofe Mori Yama (Shoji MORIYAMA)	May 7, 1998	Woden Josh
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PATENT REEL: 9191 FRAME: 0473