04-05-1999

09/125285 300 Rec'd PCT/PT0 14 AUG 1998

FORM **PT**((Rev. 6-93) OMB No. 0 . 1888 H.H. 8211 BAN 1811 BAN 1811 BAN 1811 BAN 181

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To the Honorable Commissioner of Patents and Trademarks: I	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Makoto HANAWA Kenji KANEKO Kazumichi YAMAMOTO Kentaro SHIMADA Additional name(s) of conveying party(ies) attached? Yes XXNo	2. Name and address of receiving party(ies) Name: Hitachi LTD Internal Address:
3. Nature of conveyance:	· · · · · · · · · · · · · · · · · · ·
XXX Assignment ☐ Merger	Street Address: 6, Kanda Surugadai 4-Chome
☐ Security Agreement ☐ Change of Name	Chiyoda-Ku, Tokyo Japan
□ Other	City: State: ZIP:
Execution Date: July 29, 1998	Additional name(s) & address(es) attached? ☐ Yes XX No
Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is: $July 29$, 1998
A. Patent Application No.(s)	B. Patent No.(s)
09/1253-P5 Additional numbers att	ached? ☐ YesXX 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:	XXI Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 1300 NORTH SEVENTEENTH STREET	8. Deposit account number:
SUITE 1800	01-2135
City: ARLINGTON State: VA ZIP: 22209	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document. To the best of my knowledge and belief, the foregoing inform the original document.	ation is true and correct and any attached copy is a true copy of
Carl I. Brundidge	August 14, 1998
Name of Person Signing 29,621 Total number of pages including of	Signature Date cover sheet, attachments, and document:

REEL: 9853 FRAME: 0711

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, I.TD., 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) Maken Harmure (Makoto HANAWA)	July 29, 1998	horimitan Tsu	mera
(Kenji KANEKO)	July 29, 1998	horimitan Isa	mura
3) Lazumichi Janamito (Kazumichi YAMAMOTO)	July 29, 1998	normitan Isa	mum a
4) Kentaro Shimada (Kentaro SHIMADA)	July 29, 1998	novimitan Tree	mura
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PATENT REEL: 9853 FRAME: 0712

RECORDED: 08/14/1998