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Attorney Docket No. 501.1051D00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

12-15-04

1. Name of conveying party(ies):  
**Yuichiro KOTA  
Yoshihiro IWAMA  
Minoru IKEDA  
Takashi AIZAWA**

2. Name and address of receiving party(ies)  
Name: **Hitachi Ltd.  
6-6, Marunouchi 1-chome  
Chiyoda-ku, Tokyo  
Japan**

22151 U.S. PTO  
29/219182

121504

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional name(s) & address(es) attached?  Yes  No

Execution Date: **November 17, 2004; November 18, 2004;  
November 22, 2004 and November 24, 2004.**

4. 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: November 17, 2004;  
November 18, 2004; November 22, 2004 and November 24, 2004.

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

**1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800**

City: **ARLINGTON** State: **VA** Zip **22209**

6. Total number of applications and patents involved  1

7. Total fee (37 CFR 3.41)..... **\$40.00**

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

**01-2135**

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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.*

**MELVIN KRAUS, Reg#22,466**

Name of Person Signing

*Melvin Kraus*  
Signature

**December 15, 2004**

Date

Total number of pages including cover sheet, attachments, and document:  1  2

Mail documents to be recorded with required cover sheet information to:  
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04 FC:8021 40.00 DP

PATENT  
REEL: 016090 FRAME: 0702

# 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 6-6, Marunouchi 1-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 our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Yuichiro Kato</u>	<u>11 / 17 / 2004</u>
2) <u>Yoshinori Iwama</u>	<u>11 / 24 / 2004</u>
3) <u>Mion Iwase</u>	<u>11 / 22 / 2004</u>
4) <u>Takeshi Aizawa</u>	<u>11 / 18 / 2004</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____