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To the Honorable Commissione

100719781

the attached original documents or copy thereof.

1. Name of conveying party(ies):

5-14-98
Kenichi AKABORI, Hiroshi OGAWA,
Katsuhiko SHIOBARA, Yuuji AOYAGIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: June 12 & 24, 1991

2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Internal Address: _____

Street Address: 6, Kanda Surugadai

4-chome, Chiyoda-ku, Tokyo, Japan

City: _____ State: _____ ZIP: _____

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

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: _____

A. Patent Application No.(s)

Serial No.: 07/735,356

Filing Date: July 24, 1991

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

ANTONELLI, TERRY, STOUT
Name: & KRAUS, LLP

Internal Address: _____

05/22/1998 JMWKINS 00000192 07735356

01 FC:581

40.00 UP

Street Address: 1300 N 17th St.,

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

(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 information is true and correct and any attached copy is a true copy of the original document.

Melvin Kraus

Reg. No. 22,466

Name of Person Signing

Signature

May 14, 1998

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231
PATENT
CLASSIFICATION: 0374

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd.
of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, Japan
its successors and assigns or other legal representatives all my rights, 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 applica-
tion for United States Letters Patent therefor, ~~Serial No. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ executed by us 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.

- | | (Full Name) | (Signature) |
|---|---------------------------|---------------------------|
| 1) Date <u>June 12, 1991</u> Inventor <u>Kenichi Akabori</u> | <u>Kenichi Akabori</u> | <u>Kenichi Akabori</u> |
| Residence <u>Same as Post Office Address</u> | | Citizenship <u>Japan</u> |
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| 2) Date <u>June 12, 1991</u> Inventor <u>Hiroshi Ogawa</u> | <u>Hiroshi Ogawa</u> | <u>Hiroshi Ogawa</u> |
| Residence <u>Same as Post Office Address</u> | | Citizenship <u>Japan</u> |
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| 3) Date <u>June 24, 1991</u> Inventor <u>Katsuhiro Shiobara</u> | <u>Katsuhiro Shiobara</u> | <u>Katsuhiro Shiobara</u> |
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| Post Office Address <u>15 Parkview Place, Fair Lawn, NJ 07410 U.S.A.</u> | | |
| 4) Date <u>June 12, 1991</u> Inventor <u>Yuuji Aoyagi</u> | <u>Yuuji Aoyagi</u> | <u>Yuuji Aoyagi</u> |
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| 5) Date _____ Inventor _____ | | |
| Residence _____ | | Citizenship _____ |
| Post Office Address _____ | | |

Witness(es)

All)

1) Kuniko Kikuchi

2) Kuniko Kikuchi

4) Kuniko Kikuchi

3) Hajime Obata

5) PATENT

RECORDED: 05/14/1998

REEL: 9185 FRAME: 0375