

12-06-1999

Docket No.: 503.37886X00

FORM 1 FO-1595  
1-31-92

RE



SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

MWD  
11/18/99

101215506

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, DC 20503-2800. Enclosed original documents or copy thereof.

1. Name of conveying party(ies):  
Akitomi SEMBA, Tadashi SONOBE, Takashi WATANABE,  
Yasuomi YAGI, Junji SATO, Shinsaku HAKUTA, Hideaki  
MORI, Eiji TSUJI, Kenichi HATTORI, Atsushi ISHIIHARA

2. Name and address of receiving party(ies):  
Name: Hitachi, Ltd.  
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

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

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

City: Tokyo 101-8010

Country: Japan

Execution Date: November 4, 1999

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

1668 U.S. PTO  
09/443105  
11/18/99

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 4, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/443105

Additional numbers 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:

6. Total number of applications and patents involved: 1

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

Enclosed  
 Any deficiencies may be charged to deposit account  
 Authorized to be charged to deposit account

12/01/1999 SCRNICH 0000097 012135 09443105  
Street Address: 1300 North Seventeenth Street

8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

City: Arlington State: VA Zip: 22209

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.

Melvin Kraus

Name of Person Signing

Signature

November 18, 1999

Date

Attorney Registration No. 22,466

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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 101-8010, 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 application for United States Letters Patent therefor, ~~Serial No. xxxxxxxxxxxxxxxxxx~~ 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>November 4, 1989</u>   | Inventor <u>Akitomi Semba</u>    | <u>Akitomi Semba</u>    |
| Residence <u>Same as Post Office Address</u>  | Citizenship <u>Japan</u>         |                         |
| Post Office Address <u>5-1-104, Nishinarusawa-cho 1-chome, Hitachi-shi, Ibaraki 316-0032, Japan</u>     |                                  |                         |
| 2) Date <u>November 4, 1989</u>   | Inventor <u>Tadashi Sonobe</u>   | <u>Tadashi Sonobe</u>   |
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| 3) Date <u>November 4, 1989</u>   | Inventor <u>Takashi Watanabe</u> | <u>Takashi Watanabe</u> |
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| 5) Date <u>November 4, 1989</u>   | Inventor <u>Junji Sato</u>       | <u>Junji Sato</u>       |
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Witness(es)

- All) Mari Yamagata 2) \_\_\_\_\_ 4) \_\_\_\_\_
- 1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_

(Continued on Page 2)

(Full Name)

(Signature)

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