

12-19-2001



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Docket No.: 648.40708X00

VER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

LY

12.10.01

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

1. Name of conveying party(ies):

Takahiro YOSHIDA  
Masaru NOJI  
Takahiro SASAKI  
Tadashi SAITO

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: October 29, 2001

2. Name and address of receiving party(ies):

Name: Hitachi Telecom Technologies Ltd./ Telecom Kiki, Ltd.

Street Address: 94 Aza Funabamukai, Koriyama-shi

City: Fukushima-ken

Country: Japan

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)  
09/964,333 Filed September 28, 2001

B. Patent No.(s)

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:

Street Address: 1300 North Seventeenth 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  
☒ Any deficiencies may be charged to deposit account  
☐ 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.

December 10, 2001  
Date

James N. Dresser

Name of Person Signing

Attorney Registration No. 22,973

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

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

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# 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 TELECOM TECHNOLOGIES, LTD. and TELECOM KIKI, LTD. of 94 Aza Funabamukai, Koriyama-shi, Fukushima-ken, 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, executed by me 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 TELECOM TECHNOLOGIES, LTD. and TELECOM KIKI, LTD., its successors, assigns or other legal representatives, to the full end of the 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 TELECOM TECHNOLOGIES, LTD. and TELECOM KIKI, LTD.

- |    |   | (Full Name)                      | (Signature)             |
|----|---|----------------------------------|-------------------------|
| 1) | Date <u>29. Oct. 2001</u>   | Inventor <u>Takahiro YOSHIDA</u> | <u>Takahiro Yoshida</u> |
|    | Residence <u>Same as Post Office Address</u>                      | Citizenship <u>Japan</u>         |                         |
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|    | <u>94 Aza Funabamukai, Koriyama-shi, Fukushima-ken, Japan</u>     |                                  |                         |
| 2) | Date <u>29. Oct. 2001</u>   | Inventor <u>Masaru NOJI</u>      | <u>Masaru Noji</u>      |
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| 3) | Date <u>29 Oct. 2001</u>  | Inventor <u>Takahiro SASAKI</u>  | <u>Takahiro Sasaki</u>  |
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| 4) | Date <u>29. Oct. 2001</u>   | Inventor <u>Tadashi SAITO</u>    | <u>Tadashi Saito</u>    |
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| 5) | Date _____  | Inventor _____                   |                         |
|    | Residence _____   | Citizenship _____                |                         |
|    | Post Office Address _____   |                                  |                         |

Witness(es)

All) \_\_\_\_\_ 2) \_\_\_\_\_ 4) \_\_\_\_\_  
 1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_