

03/22/02

04-02-2002

FORM PTO-1595

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

PTO 10/102814 03/22/02

- 1. Name of conveying party(ies):
  - 1) Yoshikazu YAMADA
  - 2) Shoji TANIGUCHI
  - 3) Koichi KUROIWA
  - 4) Masami KANASUGI

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

FUJITSU LIMITED  
1-1, Kamikodanaka, 4-chome  
Nakahara-ku, Kawasaki-shi  
Kanagawa 211-8588 Japan

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other: \_\_\_\_\_
- Merger
- Change of Name

Execution Date(s): January 10, 2002

4. Application number(s) or patent number(s):

- This document is being filed together with a new application:
  - (a) The execution date(s) of the application is/are: January 10, 2002
  - (b) The title is: RECEIVING UNIT, RECEIVING METHOD AND SEMICONDUCTOR DEVICE
- OR
- This document is being filed after filing of the application:
  - (a) Patent Application No(s). \_\_\_\_\_ / \_\_\_\_\_, filed \_\_\_\_\_; or
  - (b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_

10/102814

5. Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP  
Attention: William F. Herbert  
700 Eleventh Street, N.W., Suite 500  
Washington, D.C. 20001  
Our Docket: 1095.1217

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)

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.

William F. Herbert, Reg. No. 31,024  
Name of Person Signing

Signature

March 22, 2002  
Date

Total number of pages including cover sheet: 2

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# U.S. ASSIGNMENT

SBH 7/84

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,

Kanagawa 211-8588 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

RECEIVING UNIT, RECEIVING METHOD AND SEMICONDUCTOR DEVICE

relating to International Patent Application PCT/JP\_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_,  
Serial No. \_\_\_\_/\_\_\_\_\_;

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Yoshikazu Yamada</u> Yoshikazu YAMADA	Jan. 10, 2002	<u>Yasuko Watanabe</u> Yasuko WATANABE
2) <u>Shoji Taniguchi</u> Shoji TANIGUCHI	Jan. 10, 2002	<u>Yasuko Watanabe</u> Yasuko WATANABE
3) <u>Koichi Kuroiwa</u> Koichi KUROIWA	Jan. 10, 2002	<u>Yasuko Watanabe</u> Yasuko WATANABE
4) <u>Masami Kanasugi</u> Masami KANASUGI	Jan. 10, 2002	<u>Yasuko Watanabe</u> Yasuko WATANABE
5) _____	_____	_____
6) _____	_____	_____