

S/17K
FORM PTO-1595
REC
©2005 Staas & Halsey LLP
To the Director of the U.S. Patent and Trademark

05-20-2005
103006696

U.S. DEPARTMENT OF COMMERCE

112893 U.S. PTO
11/130228
051705

1. Name of conveying party(ies):
Yukitoshi SANADA, Jun Furukawa

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

SEMICONDUCTOR TECHNOLOGY ACADEMIC RESEARCH CENTER
17-2, Shin Yokohama 3-chome
Kouhoku-ku, Yokohama-shi, Kanagawa
222-0033 Japan

3. Nature of conveyance:

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

Execution Date(s): May 6, 2005

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

☒ This document is being filed together with a new application.

OR

☐ This document is being filed after filing of the application:

(a) Patent Application No(s). , filed ; or

(b) Patent No(s). , issued .

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

STAAS & HALSEY LLP

Our Docket: 1687.1011

Attention: H. J. Staas

1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in 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)

H.J. Staas, Reg. No. 22,010

Name of Person Signing

Signature

May 17, 2005

Date

Total number of pages including cover sheet: 2

DO NOT USE THIS SPACE

05/18/2005 LWONDIM1 00000034 11130228

04 FC:80E1

(40.00 OF)

PATENT
REEL: 016574 FRAME: 0317

U.S. ASSIGNMENT

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
ASSIGNEE's
Name(s)
Address(es))

Semiconductor Technology Academic Research Center

17-2, Shin Yokohama 3-chome, Kouhoku-ku, Yokohama-shi, Kanagawa

222-0033 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)

IMPULSE-BASED COMMUNICATION SYSTEM

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:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;

(b) filed on _____,
Serial No. _____/_____;

(_____) 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).

(Signatures)

1) <u>Yukitoshi Sanada</u> (SIGNATURE)	<u>Yukitoshi Sanada</u> (TYPE NAME)	<u>May 6, 2005</u> (DATE)
2) <u>Jun Furukawa</u> (SIGNATURE)	<u>Jun Furukawa</u> (TYPE NAME)	<u>May 6, 2005</u> (DATE)
3) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
4) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)