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FORM PTO-1595 (modified)

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3.5.07

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):
1) Ken-ichi KITAYAMA, 2) Kensuke IKEDA, 3) Mohammad Abdul JALIL, 4) Shu NAMIKI, 5) Takashi INOUE

2. Name and address of receiving party(ies):
Name: JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION

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

Address: c/o MydomeOsaka, 2-5, Honmachibashi, Chuo-ku, Osaka-shi, Osaka 540-0029 Japan

3. Nature of conveyance:
 Assignment
 Security Agreement
 Other
Execution Date: 1) February 7, 2007, 2) December 26, 2006, 3) November 24, 2006, 4) January 31, 2007, 5) January 31, 2007

Additional name(s) & address(es) attached? 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)
10/579,630, filed May 17, 2006

B. Patent No.(s)
Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Jeffrey R. Filipek, Esq.
Street Address: 2033 K Street, N.W., Suite 800
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . . \$40.00
 Enclosed (Check No. 79207)
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8. Deposit account number: 23-0975
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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.
Jeffrey R. Filipek, Reg. No. 41,471
Name of Person Signing

Signature
March 5, 2007
Date
Total number of pages including cover sheet: 3

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01 FC:8021 (40.00 OP)

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Ken-ichi KITAYAMA, Kensuke IKEDA, Mohammad Abdul JALIL,
Shu NAMIKI, and Takashi INOUE

Insert Name(s)
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION

Address

c/o MydomeOsaka, 2-5, Honmachibashi, Chuo-ku, Osaka-shi,
of Osaka 540-0029 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
OPTICAL SIGNAL PROCESSING DEVICE FOR A/D CONVERTER INCLUDING
OPTICAL ENCODERS WITH NONLINEAR LOOP MIRRORS

Date of
Signing
of Application

for which an application for patent in the United States has been executed by the undersigned

on November 24, 2006, December 26, 2006, January 31, 2007 and
February 7, 2007

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Feb. 7, 2007, Name of the Inventor *Ken-ichi Kitayama*
Ken-ichi KITAYAMA

Date Dec. 26, 2006, Name of the Inventor *Kensuke Ikeda*
Kensuke IKEDA

Date 2006.11.24, Name of the Inventor *Mohammad Abdul Jalil*
Mohammad Abdul JALIL

Date Jan. 31, 2007, Name of the Inventor *山下 尚*
Shu NAMIKI

Date Jan. 31, 2007, Name of the Inventor *井上 崇*
Takashi INOUE

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness *Masahiro Miyamoto*

Witness *Michifumi Miyashita*

Witness *Shunichi Asakura*

Witness *Akshiro Maruta*

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date May 17, 2006
Applicant Reference Number 547254 Atty Docket No. _____
Title of Invention OPTICAL SIGNAL PROCESSING DEVICE FOR A/D CONVERTER INCLUDING OPTICAL ENCODERS WITH NONLINEAR LOOP MIRRORS