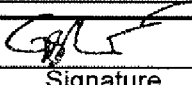


Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>George D. Liu</u> Internal Address: _____ _____ Street Address: _____ Customer No. 38556 City: _____ State: _____ Zip: _____ Phone Number: <u>(703) 536 1713</u> Fax Number: <u>(65) 67323188 or (703) 4158601</u> Email Address: <u>jace.cheong@pyprus.com</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information Deposit Account Number _____ Authorized User Name _____
9. Signature:  _____ <div style="display: flex; justify-content: space-between;"> Signature Date <u>17 December 2009</u> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> George D. Liu (Reg. No. 47,752) Total number of pages including cover sheet, attachments, and documents: 5 </div> <div style="text-align: center; margin-top: 5px;"> Name of Person Signing </div>	

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PATENT
REEL: 023666 FRAME: 0692

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:12/664,659
First-Named Inventor : Naoya WADA
Filed : 15 December 2009
Title : Optical Waveform Shaping Device
Confirmation No. : 3902

Attorney Docket No. 1703.P007US/JC/ad
Customer No. : 38556

Continuation of Box 2**NAME AND ADDRESS OF RECEIVING PARTY(IES)**

- (1) Name : National Institute of Information and Communications
Technology
Address : 4-2-1 Nukui-Kitamachi, Koganei-shi,
Tokyo 1848795, Japan
- (2) Name : Optoquest Co., Ltd.
Address : 1335 Haraichi, Ageo-city,
Saitama 3620021, Japan

ASSIGNMENT OF INVENTION

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the sufficiency and receipt of which are hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

WADA, Naoya
c/o Intellectual Property Management Group
National Institute of Information and Communications Technology
4-2-1 Nukul-Kitamachi
Koganei-shi, Tokyo 1848795
Japan

BOKU, Seitetsu
c/o Optoquest Co., Ltd.
1335 Haraichi, Ageo-city
Saitama 3620021
Japan

YODA, Takuya
c/o Optoquest Co., Ltd.
1335 Haraichi, Ageo-city
Saitama 3620021
Japan

hereby sell, assign and transfer to

ASSIGNEE:

National Institute of Information and Communications Technology
4-2-1 Nukul-Kitamachi
Koganei-shi, Tokyo 1848795
Japan

and

Optoquest Co., Ltd.
1335 Haraichi, Ageo-city
Saitama 3620021
Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to all improvements which are disclosed in the invention entitled:

OPTICAL WAVEFORM SHAPING DEVICE

☐ which has been executed by the undersigned concurrently herewith

☒ which was filed on 15 December 2009 and assigned Serial No. 12/664,659

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We hereunto set hand and seal

Nov. 24, 2009
Date


WADA, Naoya

November, 26, 2009
Date

Boku, Seitetsu
BOKU, Seitetsu

December, 6, 2009
Date

YODA, Takuya
YODA, Takuya