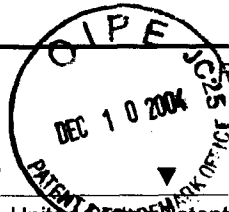


12/10/04

Docket No.: 02410351AA

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



12-15-2004



U.S. DEPARTMENT OF COMMERCE
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102901485

To the Director of the United States Patent and Trademark Office, attached original documents or copy thereof.

1. Name of conveying party(ies):
NSG America, Inc.

Additional names(s) of conveying party(ies) Yes No

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

Name: **Nippon Sheet Glass Co., Ltd.**

Internal Address: _____

Street Address: **7-28 Kitahama 4-chome, Chuo-ku**

Osaka-shi, Osaka, Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: **Nov. 25, 2004**

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
USSN 10/772,409 filed: 2/6/04

Additional numbers attached? Yes No

B. Patent No.(s)

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

Name: **Michael E. Whitham**

Internal Address: _____

Street Address: **Whitham, Curtis & Christofferson, PC**

11491 Sunset Hills Road - #340

City: **Reston** State: **VA** ZIP: **20190**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:
50-2041

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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.

Michael E. Whitham-Reg. No. 32,635

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document: **3**

Dec. 10, 2004

Date

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12/10/2004 EDUPER 000025 10772409 40.00 DP 01 FC:0021

PATENT
REEL: 016066 FRAME: 0044

**ASSIGNMENT OF APPLICATION
FOR UNITED STATES PATENT**

WHEREAS:

NAME AND ADDRESS
OF ASSIGNOR:

NSG America, Inc.
28 World's Fair Drive
Somerset, New Jersey 08873 US

(Hereinafter referred to as ASSIGNOR), own a certain invention
entitled:

TITLE OF INVENTION:

WAVELENGTH DIVISION MULTIPLEXING OPTICAL
COUPLER

APPLICATION NO:
FILING DATE:

10/772,409
February 6, 2004

(hereinafter referred to as INVENTION)

AND

WHEREAS,

FULL NAME AND ADDRESS
OF ASSIGNEE:

Nippon Sheet Glass Co., Ltd.
7-28 Kitahama 4-chome, Chuo-ku
Osaka-shi, OSAKA JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire
interest in, to and under said invention and in, to and under Letters Patent or
similar legal protection to be obtained therefore in the United States and in any
and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that
good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt
of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and
transfers to ASSIGNEE the full and exclusive right, title and interest to said
invention and all Letters Patent of the United States to be obtained therefor on
said application or any continuation, division, renewal, substitute or reissue
thereof for the full term or terms for which the same may be granted.

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
application, said invention and said Letters Patent 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 representative any and all papers, instruments or affidavits required
to apply for, obtain, maintain and enforce said application, said invention and
said Letters Patent which may be necessary or desirable to carry out the
purposes hereof.

ASSIGNOR further agree to sign and execute all necessary and lawful future
documents, including applications for foreign patents, for filing divisions,
continuations and continuations-in-part of said application for patent and/or for

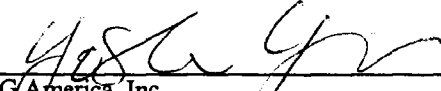
obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

DATE OF SIGNING:

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 25th day of November, 2004.

SIGNATURE(S):



NSG America, Inc.
By: YOSHIRO YAKUSHI
(Printed name)
Title: CEO