12/10/04	Docket No.: 02410346AA
FORM PTD-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03 Tob optimize b a b a b a b a b a b a b a b a b a b	ER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings ► ▼ To the Director of the United { 102901486	// vecord the attached original documents or copy thereof.
1. Name of conveying party(ies) IFE NSG America, Inc.	2. Name and address of receiving party(ies): Name: Nippon Sheet Glass Co., Ltd. Internal Address:
3. Nature of conveyance:	
Assignment G Merger	Street Address: 7-28 Kitahama 4-chome, Chuo-ku
Security Agreement Change of Name	Osaka-shi, Osaka, Japan
□ Other	City: State: ZIP:
Execution Date: <u>Nov. 25, 2004</u>	Additional name(s) & address(es) attached? 🏾 Yes 🔲 No
Additional numbers attac	hed? 🗋 Yes 🖾 No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name: Michael E. Whitham	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address:	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
Street Address: Whitham, Curtis & Christofferson, PC	8. Deposit account number:
11491 Sunset Hills Road - #340	50-2041 8 2 2
City: Reston State: VA ZIP: 20190	(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 frue and correct and any attached copy is a the copy of the original document. Michael E. Whitham-Reg. No. 32,635 Name of Person Signing Total number of pages including cover sheet, attachments, and document:	
Name of Person Signing Total number of pages including cover st	
Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 223 PATENT	

REEL: 016066 FRAME: 0097

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 SELECTIVE OPTICAL DEVICE AND METHOD OF TUNING A WAVELENGTH CHARACTERISTIC OF THE SAME

APPLICATION NO: FILING DATE: 10/702,043 November 6, 2003

AND

(hereinafter referred to as INVENTION)

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-inpart 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:

SIGNATURE(S):

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

NSG America By: Title:

page 2 of 2

RECORDED: 12/10/2004