

10/27/05

Docket No.: IOPL-004 (56326-018)

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

REC

10-31-2005

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103110434

Tab settings

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

1. Name of conveying party(ies):  
**Edward A. Johnson**  
  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Ion Optics, Inc.**  
Internal Address: \_\_\_\_\_  
  
Street Address: **411 Waverly Oaks Road**  
**Suite 144**  
City: **Waltham** State: **MA** ZIP: **02154**  
  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **09/29/05**

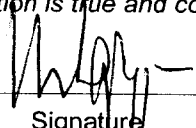
4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s)  
**10/28/2005 DBYRNE 00000050 501133 6278809**  
**01 FC:8021 40.00 BA**  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
**6,278,809 issued 08/21/05**  
OPR/FIRM/ISSUED 08/21/05

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Mark G. Lappin, Reg. No. 26,618**  
Internal Address: **McDermott Will & Emery LLP**  
**Customer No. 23630**  
  
Street Address: **28 State Street**  
  
City: **Boston** State: **MA** ZIP: **02109**

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:  
**50-1133**  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*  
**Mark G. Lappin, Reg. No. 26,618**  
Name of Person Signing  Signature **10/25/05** Date  
Total number of pages including cover sheet, attachments, and document: **1**

**ASSIGNMENT OF PATENT RIGHTS**

I, **Edward A. Johnson** of Bedford, Massachusetts, respectively, for good and valuable consideration paid to me by

**ION OPTICS, INC.**

a Massachusetts corporation having a principal place of business at 411 Waverly Oaks Road, Suite 144, Waltham, Massachusetts 02154, U.S.A., the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

**ION OPTICS, INC.**

its successors and assigns, my entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**FIBER OPTIC REFLECTANCE APPARATUS FOR IN SITU CHARACTERIZATION OF THIN FILMS**

described in United States Patent Application Serial No. 60/048,130, filed on May 30, 1997, and United States Patent Application Serial No. 09/086,768, filed on May 29, 1998, and United States Patent No. 6,278,809 granted thereon, and all Letters of Patent of all foreign countries which may or shall be granted on said invention, or any parts thereof, or any nonprovisional, divisional, continuing, reissue or other applications based in whole or in part on said applications.

And I agree for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 29<sup>th</sup> day of September, 2005.

*[Handwritten Signature]*

**Edward A. Johnson**

Commonwealth of Massachusetts )  
 ) ss  
County of Middlesex )

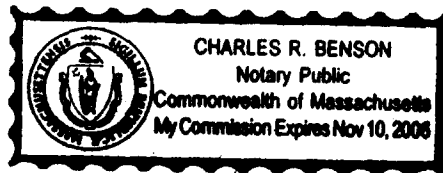
On this the 29<sup>th</sup> day of September, 2005, before me, Charles R. Benson,  
the undersigned Notary Public, personally appeared **Edward A. Johnson**, proved to me through  
satisfactory evidence of identity, which was MA. Drivers Lic.,  
to be the person(s) whose name(s) is/are signed on the preceding or attached document, and  
acknowledged to me that he/she/they signed it voluntarily for its stated purpose.

*[Handwritten Signature]*

Notary Public

My commission expires:

Seal



Mark G. Lappin, Esq.  
McDERMOTT WILL & EMERY LLP  
28 State Street  
Boston, MA 02109-1775  
Tel.: (617) 535-4043