

12-30-1999

**Box Assignments**  
**Commissioner of Patents and Trademarks**  
**Washington, D.C. 20231**



101235042

Express Mail No.  
 Certified Mail

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Timothy Noonan  
270 June Street  
Worcester, MA 01602



James Noonan  
245 Main Street  
Spencer, MA 01562

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

12-17-99

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

Name: Drawn Optical Components, Inc.

Internal Address: \_\_\_\_\_

Street Address: 270 June Street  
Worcester, MA 01602

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

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: December 8, 1999

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)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Bourque & Associates, P.A.  
835 Hanover Street, Suite 303  
Manchester, NH 03104

6. Total number of applications and patents involved: [1]

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

02-3285

(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 is true and correct and any attached copy is a true copy of the original document.*

Daniel J. Bourque

Name of Attorney of Record

Attorney Registration No. 35,457

Signature

12-13-99  
Date

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

OMB No. 0651-0011 (exp. 4/94)

12/29/1999 TTON11 00000146 09213587

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40.00 OP

**PATENT**  
**RÉEL: 010457 FRAME: 0909**

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Timothy Noonan, residing at 270 June Street, Worcester, MA 01602 and James Noonan, residing at 245 Main Street, Spencer, MA 01562 hereby sell and assign to Drawn Optical Components, Inc., a Massachusetts Corporation having a principal place of business at 100 Grove Street, Worcester MA 01605 its successors and assigns, the entire right, title and interest, including all rights of trade secret and copyright, in all works associated therewith, along with the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries, in and to my invention in

IMPROVED BIOSENSOR CHIP AND MANUFACTURING METHOD

and the application for United States Letters Patent therefor filed on 12/17/98, Serial No. 09/213,587 and such patents as may issue thereon, and all divisions, reissues and continuations thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said Drawn Optical Components, Inc., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, execute all applications for copyright registration, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said Drawn Optical Components, Inc., its successors and assigns, to obtain and enforce proper patent and copyright protection for said invention in the United states, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to Drawn Optical Components, Inc., its successors and assigns.

