

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NanoOpto Corporation	07/17/2007
RECEIVING PARTY DATA	
Name:	API Nanofabrication and Research Corporation
Street Address:	1600 Cottontail Lane
City:	Somerset
State/Country:	NEW JERSEY
Postal Code:	08873-5117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11832276
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	212-765-5070
Email:	valentino@fr.com
Correspondent Name:	Joseph Valentino
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	23238-0037002
NAME OF SUBMITTER:	Susan Powell
Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

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## ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS, dated July 19, 2007 ("Assignment"), is by and between API Nanofabrication and Research Corporation, a Delaware corporation ("Assignee"), and NanoOpto Corporation, a Delaware corporation ("Assignor").

### WITNESSETH

**WHEREAS**, Assignor is the owner of the patents, patent applications and utility models listed on Attachment 1 hereto, which are either issued or pending, respectively, in the United States Patent and Trademark Office (collectively, the "Patents"); and

**WHEREAS**, Assignor and Assignee are parties to that certain Asset Purchase Agreement, dated as of July 17, 2007 (the "Asset Purchase Agreement"), pursuant to which Assignor has agreed to sell to Assignee and Assignee has agreed to purchase from Assignor the Patents, among other assets.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby assign, transfer, set over, and deliver to Assignee all of Assignor's right, title, and interest in and to the Patents together with (i) all Patents granted on any applications included in the Patents, all continuations, continuations-in-part, divisionals, reissues and re-examinations of said Patents, (ii) all causes of actions, claims and demands or other rights for, or arising from any infringement, including past infringement, of the Patents, all upon the terms and subject to the conditions set forth in the Asset Purchase Agreement, and (iii) all rights corresponding thereto throughout the world.

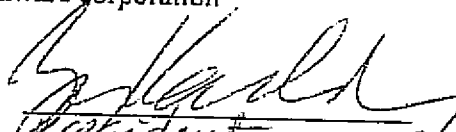
Assignor further agrees, without further consideration, to cause to be performed such lawful acts and to be executed such further assignments and other lawful documents as Assignee may reasonably request to effectuate fully this Assignment and to permit Assignee to be duly recorded as the registered owner and proprietor of the rights hereby conveyed.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed by the signature of its duly authorized officer as of the date above first written.

NANOOPTO CORPORATION,  
a Delaware corporation

By:

  
President 7/17/07

Acknowledged and Accepted:

API NANOFABRICATION AND RESEARCH CORPORATION, a  
Delaware corporation

By: \_\_\_\_\_

Its: \_\_\_\_\_

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed by the signature of its duly authorized officer as of the date above first written.

NANOOPTO CORPORATION,  
a Delaware corporation

By: \_\_\_\_\_  
\_\_\_\_\_

Acknowledged and Accepted:

API NANOFABRICATION AND RESEARCH CORPORATION, a  
Delaware corporation

By: Thomas W. Mills

Its: V.P. See

STATE OF New Jersey )  
COUNTY OF Morris ) SS.

I, a notary public, in and for the county and state aforesaid, do hereby certify that Berry Kalle personally known to me to be President, appeared before me this day in person and acknowledged that he signed the above and foregoing instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 17<sup>th</sup> day of July, 2007.

Christopher A. Donn  
Notary Public

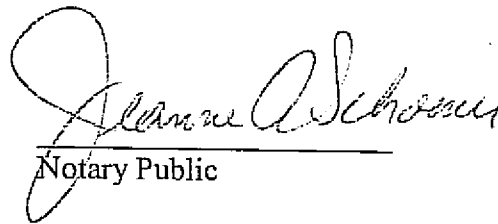
My commission expires: \_\_\_\_\_

**CHRISTOPHER A. DONN**  
ID # 2351500  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 10/23/2011

STATE OF )  
 ) SS.  
COUNTY OF )

I, a notary public, in and for the county and state aforesaid, do hereby certify that Thomas Millb personally known to me to be the VP Sec. of API Nanofabrication and Research corporation, a Delaware corporation, appeared before me this day in person and acknowledged that he signed the above and foregoing instrument as his free and voluntary act and as the free and voluntary act of said corporation pursuant to authority granted to him by the board of directors of said corporation for the uses and purposes therein set forth.

20th IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this day of July, 2007.

  
Notary Public

My commission expires: 10/31/10

JEANNE A. SCHÖNER  
NOTARY PUBLIC, State of New York  
No. 5035252  
Qualified in Nassau County  
Commission Expires October 31, 2010

ATTACHMENT 1 TO ASSIGNMENT OF PATENTS

REGISTERED  
PATENTS AND APPLICATIONS

<u>Patent</u>	<u>Patent No. / (App. No.)</u>	<u>Issued / (Date App.)</u>
Monolithic tunable lasers and reflectors	US6,920,272	July 19, 2005
Optical components exhibiting enhanced functionally and method of making the same	US6,859,303	February 22, 2005
Optical components exhibiting enhanced functionally and method of making the same	US7,099,068	August 29, 2006
Optical polarization beam combiner/splitter	US6,876,784	April 5, 2005
Method and system for providing beam polarization	US7,227,684	June 5, 2007
Precision phase retardation devices and method of making same	US7,050,233	May 23, 2006
Freespace tunable optoelectronic devise and method	US7,013,064	March 14, 2006
Optical retarders and related devices and systems	US7,203,001	April 10, 2007
Films for optical use and methods of making such films	US7,142,375	November 28, 2006
Sub-micron-scale patterning method and system	(US20050084613)	(August 19, 2004)



Micro-structure induced birefringent waveguiding divces and methods of making same	(US20040258355)	(June 17, 2003)
Universal broadband polarizer, devices incorporating same and method of making same	(US20040218270)	(February 10, 2004)
Method and system for performing wavelength locking of an optical transmission source	(US20040047638)	(June 17, 2003)
Optical device and method for making same	(US20040047388)	(June 17, 2003)
Wide angle optical device and method for making same	(US20040047039)	(June 17, 2003)
Films for optical use and methods of making such films	(US20050180014)	(May 10, 2004)
Films for optical use and methods of making such films	(US20050181128)	(May 10, 2004)
Optical films and methods of making the same	(US20050275944)	(June 11, 2004)
Optical films and methods of making the same	(US20050277063)	(May 27, 2005)
Gratings, related optical devices and systems, and methods of making such gratings	(US20060001969)	(November 15, 2004)
Structures for polarization and beam control	(11/265,813)	(November 3, 2005)

Optical Retarders and Methods of Making the Same	(11/300,887)	(December 15, 2005)
Polarizer films and methods of making the same	(11/378,230)	(March 17, 2006)
Device and Method of Forming Nanoimprinted Structures	(11/381,949)	(May 5, 2006)
Lens arrays and methods of making the same	(11/598,494)	(November 13, 2006)
Methods for forming patterned structures	(60/837,829)	(August 15, 2006)
Polarizer films and methods of making the same (ICE polarizer)	(60/833,194)	(April 10, 2007)
Encapsulated wire-grid polarizer and method of fabrication	(60/815,651)	(June 23, 2006)
Oxide materials, articles, systems and methods	(11/588,119)	(October 26, 2006)
Multilayer retarder	(11/304,087)	(December 15, 2005)
Nanowire-grid polarimeter	(60/819,975)	(July 10, 2006)
Polarizer elements and systems using the same	(60/925,728)	(April 23, 2007)
Multilayer wire-grid polarization devices, method of fabrication, and system using the same	(60/842,928)	(September 7, 2006)