

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Execution Date
Bank of the West	09/21/2007

RECEIVING PARTY DATA

Name:	Physical Optics Corporation
Street Address:	20600 Gramercy Place, Bldg. 100
City:	Torrance
State/Country:	CALIFORNIA
Postal Code:	90501-1821

PROPERTY NUMBERS Total: 26

Property Type	Number
Patent Number:	4838630
Patent Number:	4898450
Patent Number:	4926412
Patent Number:	4958892
Patent Number:	5018814
Patent Number:	5026131
Patent Number:	5067788
Patent Number:	5083219
Patent Number:	5153670
Patent Number:	5221957
Patent Number:	5230969
Patent Number:	5260826
Patent Number:	5276537
Patent Number:	5278687
Patent Number:	5293272

PATENT

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Patent Number:	5305123
Patent Number:	5365354
Patent Number:	5384221
Patent Number:	5461475
Patent Number:	5497430
Patent Number:	5534386
Patent Number:	5609939
Patent Number:	5631754
Patent Number:	5764317
Patent Number:	5743633
Patent Number:	5735988

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Linda M. de la Garza
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Total Attachments: 5

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RELEASE OF SECURITY INTEREST (PATENTS)

THIS RELEASE OF SECURITY AGREEMENT (Patents) (the "Release") is made and dated this 21 day of September, 2007 by BANK OF THE WEST (the "Lender").

Pursuant to that certain Security Agreement (Patents) dated as of August 19, 1998 (the "Patent Security Agreement") between the Lender and Physical Optics Corporation, a California corporation (the "Borrower"), the Borrower granted a security interest to the Lender in certain patents to secure obligations of the Borrower to the Lender under the Credit Agreement dated as of August 21, 1998 between the Borrower and the Lender (as amended, extended and replaced from time to time, the "Credit Agreement"). The Patent Security Agreement was recorded with the United States Patent and Trademark Office on September 17, 1998 on Reel 9490 Frames 0637-0647.

At the request of the Borrower, the Lender has agreed to release its security interests in the Patents described on Schedule 1 to this Release, and, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Lender releases and relinquishes any security interest in the Patents described on Schedule 1 to this Release.

IN WITNESS WHEREOF, the Lender has caused this Release of Security Interest (Patents) to be executed on and as of the day and year first above written.

BANK OF THE WEST, as Lender

By: 

Name: CHARLES WANG

Its: VICE PRESIDENT

SCHEDULE I

TO RELEASE OF SECURITY INTEREST (PATENTS)

Patent No.	Date of Patent	Description of Patent	Inventors	Assignee
1. 4,838,630	June 13, 1989	Holographic Planar Optical Interconnect	Tomasz P. Jannson; Joanna L. Jannson; Peter C. Yeung	Physical Optics Corporation
2. 4,898,450	February 6, 1990	Expanded Beam Non-Imaging Fiber Optic Connector	Tomasz Jannson; Joanna Jannson; Peter Yeung	Physical Optics Corporation
3. 4,926,412	May 15, 1990	High Channel Density Wavelength Division Multiplexer with Defined Diffracting Means Positioning	Tomasz P. Jannson; Joanna L. Jannson; Peter C. Yeung	Physical Optics Corporation
4. 4,958,892	September 25, 1990	Diffraction Coherence Filter	Tomasz P. Jannson; Joanna L. Jannson	Physical Optics Corporation
5. 5,018,814	May 28, 1991	Broadband Single-Mode Optical Coupler	Tomasz P. Jannson; Joanna L. Jannson	Physical Optics Corporation
6. 5,026,131	June 25, 1991	High Channel Density, Broadbandwidth Wavelength Division Multiplexer with Highly Non-Uniform Bragg-Littrow Holographic Grating	Tomasz P. Jannson; Joanna L. Jannson; Christopher C. Rich; Behzad Moslehi	Physical Optics Corporation

7. 5,067,788	November 26, 1991	High Modulation Rate Optical Plasmon Waveguide Modulator	Tomasz P. Jannson; Joanna L. Jannson; Behzad Moslehi	Physical Optics Corporation
8. 5,083,219	January 21, 1992	Method and Apparatus for Recording Lippman Holographic Mirrors	Tomasz P. Jannson; Joanna L. Jannson; Christopher C. Rich	Physical Optics Corporation
9. 5,153,670	October 6, 1992	Holographic Lippman-Bragg Filter in a Spectroscopic System	Tomasz P. Jannson; Joanna L. Jannson; Michael T. Feeney	Physical Optics Corporation
10. 5,221,957	June 22, 1993	Nonuniform Holographic Filter in a Spectroscopic System	Tomasz P. Jannson; Joanna Jannson; Michael T. Feeney	Physical Optics Corporation
11. 5,230,969	July 27, 1993	Composite Graft Optical Polymer	Gajendra Savant, Tomasz Jannson	Physical Optics Corporation
12. 5,260,826	November 9, 1993	Nonscanning Sectioning Microscope	Shudong Wu	Physical Optics Corporation
13. 5,276,537	January 4, 1994	Diamondlike Carbon Thin Film Protected Hologram and Method of Making Same	Gajendra D. Savant; Christopher C. Rich; David G. Pelka	Physical Optics Corporation
14. 5,278,687	January 11, 1994	Multiwavelength Data Communication Fiber Link	Tomasz P. Jannson; Kevin W. Shirk; Behzad M.R. Moslehi; Richard C. Kim	Physical Optics Corporation
15. 5,293,272	March 8, 1994	High Finesse Holographic Fabry-Perot Etalon and Method of Fabricating	Tomasz P. Jannson; Tin M. Aye; Jay W. Hirsh; Christopher C. Rich	Physical Optics Corporation
16. 5,305,123	April 19, 1994	Light Controlled	Lev S. Sadovnik;	Physical Optics

		Spatial and Angular Electromagnetic Wave Modulator	Tomasz P. Jannson; Vladimir Manasson	Corporation
17. 5,365,354	November 15, 1994	Grin Type Diffuser Based on Volume Holographic Material	Tomasz P. Jannson; David G. Pelka, Tin M. Aye	Physical Optics Corporation
18. 5,384,221	January 24, 1995	Birefringent Azo Dye Polymer Erasable Optical Storage Medium	Gajendra D. Savant; Tomasz P. Jannson	Physical Optics California
19. 5,461,475	October 24, 1995	Binary Optical Spectrum Analyzer	Jeremy Lerner; Taiwei Lu, Shing-Hong F. Lin; Andrew Kostrzewski; Hung Chou	Physical Optics California
20. 5,497,430	March 5, 1996	Method and Apparatus for Image Recognition Using Invariant Feature Signals	Lev S. Sadovnik; Taiwei Lu	Physical Optics California
21. 5,534,386	July 9, 1996	Homogenizer Formed Using Coherent Light and a Holographic Diffuser	Joel Peterson; Jeremy Lerner	Physical Optics California
22. 5,609,939	March 11, 1997	Viewing Screen Formed Using Coherent Light	Joel Peterson; Jeremy Lerner	Physical Optics California
23. 5,631,754	May 20, 1997	Holographic High Contrast Viewing Screen Embedded in a Liquid Crystal Display	Tomasz P. Jannson; Tin M. Aye; Jeremy Lerner	Physical Optics Corporation
24. 5,764,317	June 9, 1998	3-D Volume Visualization Display	Lev S. Sadovnik; Alexander Rizkin	Physical Optics Corporation

25. 5,743,633	April 28, 1998	Bar Code Illuminator	Chiu W. Chau; Jeremy M. Lerner	Physical Optics Corporation
26. 5,735,988	April 7, 1998	Method of Making Liquid Crystal Display System	Chiu W. Chau; Jeremy M. Lerner	Physical Optics Corporation