PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Acadia Woods Partners, LLC	08/10/2012

RECEIVING PARTY DATA

Name:	Akonia Holographics, LLC
Street Address:	77 Bedford Road
City:	Katonah
State/Country:	NEW YORK
Postal Code:	10536

PROPERTY NUMBERS Total: 255

Property Type	Number
Application Number:	60907629
Application Number:	10866823
Application Number:	11968304
Application Number:	60576381
Application Number:	11140151
Application Number:	11139806
Application Number:	12099921
Application Number:	12100690
Application Number:	12101186
PCT Number:	US2006019906
Application Number:	11067010
Application Number:	12625849
Application Number:	13365304
Application Number:	11291840
Application Number:	11237883

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Application Number:	12124209
PCT Number:	US2008064330
Application Number:	12786863
Application Number:	60905838
Application Number:	60905837
PCT Number:	US2006006749

CORRESPONDENCE DATA

Fax Number: 6504940792

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (650) 813-5720

Email: lguillermo@mofo.com

Correspondent Name:	Christopher B. Eide
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Address Line 4:	Palo Alto, CALIFORNIA 94304-1018

ATTORNEY DOCKET NUMBER:	707922800000
NAME OF SUBMITTER:	Christopher B. Eide

Total Attachments: 31
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INTELLECTUAL PROPERTY AND TANGIBLE ASSET CONTRIBUTION AGREEMENT

This **INTELLECTUAL PROPERTY AND TANGIBLE ASSET CONTRIBUTION AGREEMENT** (the "Agreement") is made and entered into this 10th day of August, 2012 (the "Effective Date"), by and between **Acadia Woods Partners, LLC**, a Delaware limited liability company (the "Assignor") and **Akonia Holographics, LLC**, a Delaware limited liability company (the "Company").

WHEREAS Assignor is a member of Company pursuant to that certain Amended and Restated Limited Liability Company Agreement effective as of the 10th day of August, 2012 ("LLC Agreement"); and

WHEREAS Assignor and Company are each parties to that certain Subscription Agreement effective as of the 10th day of August, 2012 ("Subscription Agreement"); and

WHEREAS, Assignor and Company each want to fulfill Assignor's contribution to the Company as contemplated pursuant to the LLC Agreement and the Subscription Agreement;

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and in the LLC Agreement and the Subscription Agreement, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

AGREEMENT

1. Assignor hereby and immediately irrevocably assigns, sells, transfers and conveys to the Company all of Assignor's right, title and interest, on a worldwide basis, in and to the intellectual property set forth in Exhibit A (Intangible Asset Contribution Exhibit) attached hereto, along with all of the tangible assets set forth in Exhibit B (Tangible Asset Contribution Exhibit) and all applicable intellectual property rights, on a worldwide basis, related thereto, including, without limitation, copyrights, trademarks, trade secrets, patents, patent applications, moral rights, contract and licensing rights (the "Property"). Assignor hereby acknowledges that it retains no right to use the Property and agrees not to challenge the validity of the Company's ownership of the Property. Assignor understands and agrees that the decision whether to commercialize or market the Property developed by Assignor solely or jointly with others is within the Company's sole discretion and the Company's sole benefit and that no royalty will be due to Assignor as a result of the Company's efforts to commercialize or market any such Property.

2. Upon each request by the Company, without additional consideration, Assignor agrees to promptly execute documents, testify and take other acts at the Company's expense as the Company may deem necessary or desirable to procure, maintain, perfect, and enforce the full benefits, enjoyment, rights, title and interest, on a worldwide basis of the Property assigned hereunder, and render all necessary assistance in making application for and obtaining original, divisional, renewal, or reissued utility and design patents, copyrights, mask works, trademarks, trade secrets, and all other technology and intellectual property rights throughout the world

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related to any of the Property, in the Company's name and for its benefit. In the event the Company is unable for any reason, after reasonable effort, to secure Assignor's signature on any document needed in connection with the actions specified herein, Assignor hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as its agent and attorney in fact, which appointment is coupled with an interest, to act for and in its behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this paragraph with the same legal force and effect as if executed by Assignor. Assignor hereby waives and quitclaims to the Company any and all claims, of any nature whatsoever, which Assignor now or may hereafter have for infringement of any Property assigned hereunder.

3. Assignor further agrees to deliver to the Company upon execution of this Agreement any and all tangible manifestations of the Property, including, without limitation, all notes, records, files and tangible items of any sort in its possession or under its control relating to the Property. Such delivery shall include all present and predecessor versions.

4. Assignor represents and warrants to the Company that the execution, delivery and performance of this Agreement does not conflict with, constitute a breach of, or in any way violate any arrangement, understanding or agreement to which Assignor is a party or by which Assignor is bound. EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, THE SUBSCRIPTION AGREEMENT AND/OR THE LLC AGREEMENT, ALL WARRANTIES, WITH RESPECT TO THE PROPERTY, WHETHER EXPRESS OR IMPLIED, ARISING BY LAW, CUSTOM, PRIOR ORAL OR WRITTEN STATEMENTS OR OTHERWISE (INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY, SATISFACTION, NON-INFRINGEMENT OR FITNESS FOR PARTICULAR PURPOSE) ARE HEREBY OVERRIDDEN, EXCLUDED AND DISCLAIMED BY THE PARTIES HERETO.

5. To the maximum extent permitted by law, Company shall indemnify and hold harmless Assignor and its affiliates, members, managers, directors, officers and employees (the "Indemnified Parties") from and against all claims, cost, liabilities, judgments, expenses or damages owed to third parties (including amounts paid in settlement and reasonable attorneys' fees) (collectively, "Losses") resulting from any third party claim against any of the Indemnified Parties relating to the Property, or the use or ownership thereof, except to the extent of Losses resulting from the Indemnified Party's gross negligence or willful misconduct. In the event of a claim by a third party against an Indemnified Party that requires indemnification hereunder, the Indemnified Party shall promptly notify Company after receipt of notice of such claim; provided that a delay in or failure by the Indemnified Party to provide such notice shall not relieve Company of its obligations to indemnify under this Section, except to the extent that such delay or failure materially prejudices Company's ability to defend such claim. Company, at its sole expense, shall promptly assume the defense of such claim and shall have sole control over defense of such claim, including any proposed settlement (subject to the requirements below with respect to settlement); *provided, however,* that the Indemnified Party may participate, in its sole discretion, in any such claim using its own counsel at its own expense. Company shall not settle any such claim without first obtaining the Indemnified Party's prior written consent where the settlement of such claim results in any admission of guilt or liability on the part of the Indemnified Party, imposes any obligation or liability on the Indemnified Party, or has a

judicially binding effect on the Indemnified Party (other than monetary liability for which the Indemnified Party is indemnified in full, without risk of non-payment, by Company).

6. This Agreement is to be construed and enforced in accordance with and governed by the laws of the state of Delaware applicable to agreements made and to be performed entirely within such state other than such laws, rules, regulations and case law that would result in the application of the laws of a jurisdiction other than the state of Delaware.

7. If any provision of this Agreement is found invalid or unenforceable, in whole or in part, the remaining provisions and partially enforceable provisions will, nevertheless, be binding and enforceable.

8. Failure by either party to exercise any of its rights hereunder shall not constitute or be deemed a waiver or forfeiture of such rights.

9. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

10. The provisions hereof shall inure to the benefit of, and be binding upon, the successors, assigns, heirs, executors and administrators of the parties hereto.

IN WITNESS WHEREOF, the undersigned have executed this INTELLECTUAL PROPERTY AND TANGIBLE ASSET CONTRIBUTION AGREEMENT as of the date first set forth above.

Acadia Woods Partners, LLC

By:_____
(signature)

By:_____

Name: Aryeh Davis, as agent/attorney-in-fact for Jeffrey Samberg

Title:_____

Akonia Holographics, LLC.

By:_____
(signature)

Name: Aryeh Davis
Authorized Signatory

Title:_____

EXHIBIT A

Intangible Asset Contribution Exhibit

COUNTRY	APPLICATION NO.	PATENT NO.	TITLE
US	60/907,629		Media For Recording With Blue Laser Diodes (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Bayer MaterialScience AG.)
US	10/866,823	8,071,260	Thermoplastic Holographic Media
US	11/968,304		Thermoplastic Holographic Media
US	60/576,381		A Method For Organizing And Protecting Data Stored On Holographic Media By Using Error Control And Correction Techniques And New Data Organization Structures
US	11/140,151		Multi-Level Format For Information Storage
US	11/139,806	7,739,577 B2	Data Protection System
US	12/099,921	7,774,680B2	Data Protection System
US	12/100,690	7,774,681 B2	Data Protection System
US	12/101,186		Data Protection System
WO	PCT/US06/19906		Multi-Level Format For Information Storage
DE	11 2006 000 477.8		Holographic Recording Medium With Control Of Photopolymerization And Dark Reactions
JP	2007-558090		Holographic Recording Medium With Control Of Photopolymerization And Dark Reactions
US	11/067,010	7,704,643 B2	Holographic Recording Medium With Control Of Photopolymerizatin And Dark Reactions
WO	PCT/US06/06749		Holographic Recording Medium With Control Of Photopolymerizatin And Dark Reactions
US	12/625,849	8,133,639	Holographic Recording Medium With Control Of Photopolymerization And Dark Reactions
US	13/365,304		Holographic Recording Medium With Control Of Photopolymerization And Dark Reactions
JP	2012-031992		Holographic Recording Medium With Control Of Photopolymerization And Dark Reactions
US	11/291,840	7,589,877 B2	Short Stack Recording In Holographic Memory Systems
US	11/237,883		Holographic Recording Medium And Substrate With CTE Compensating Interface Therebetween
US	11/283,864	7,739,701	Data Storage Cartridge Loading And Unloading Mechanism, Drive Door Mechanism And Data Drive
US	11/447,033	8,079,040	Loading And Unloading Mechanism For Data Storage Cartridge And Data Drive

US	60/684,531		Methods For Making A Holographic Storage Drive Smaller, Cheaper, More Robust And With Improved Performance
US	11/440,370		Illuminative Treatment Of Holographic Media
US	11/440,446	7,397,571	Methods And Systems For Laser Mode Stabilization
US	11/440,447	7,548,358	Phase Conjugate Reconstruction Of A Hologram
US	11/440,448	7,480,085	Operational Mode Performance Of A Holographic Memory System
US	11/440,359		Holographic Drive Head And Component Alignment
US	11/440,358		Optical Delay Line In Holographic Drive
US	11/440,357	7,710,624 B2	Controlling The Transmission Amplitude Profile Of A Coherent Light Beam In A Holographic Memory System
US	11/440,372	7,675,025 B2	Sensing Absolute Position Of An Encoded Object
US	11/440,371	7,742,211 B2	Sensing Angular Orientation Of Holographic Media In A Holographic Memory System By Partial Reflection
US	11/440,367		Post-Curing Of Holographic Media
US	11/440,366		Erasing Holographic Media
US	11/440,365		Laser Mode Stabilization Using An Etalon
US	11/440,369	US 7,633,662 B2	Holographic Drive Head Alignments
US	11/440,368	7,466,411	Replacement And Alignment Of Laser
US	12/113,516	US 7,638,755 B2	Sensing Absolute Position Of An Encoded Object
US	12/266,637		Replacement And Alignment Of Laser
US	60/728,768		Method And System For Increasing Holographic Data Storage Capacity Using Irradiance-Tailoring Element
US	11/319,425	7,813,017 B2	Method And System For Increasing Holographic Data Storage Capacity Using Irradiance-Tailoring Element
US	11/291,845	7,173,744	Article Comprising Holographic Medium Between Substrates Having Environmental Barrier Seal And Process For Preparing Same
US	11/333,527	7,678,507	Latent Holographic Media And Method
US	60/638,373		Equipment And Method Of Manufacturing A Holographic Recording Medium And Precursors Thereof
US	11/314,819	7,736,818	Holographic Recording Medium And Method Of Making It
US	60/699,268		Systems And Methods For Compact Transmission Hologram Readout
US	11/485,824	7,649,661	Holographic Storage Device Having A Reflective Layer On One Side Of A Recording Layer

US	11/276,504	7,471,429	Vibration Detection Apparatus, Hologram Apparatus, Vibration Detection Method For The Vibration Detection Apparatus, And Recording Method For The Hologram Apparatus
US	11/402,837		Stabilizing Holographic Disk Medium Against Vibrations And/Or Controlling Deflection Of Disk Medium
US	60/738,597		Method For Holographic Data Retrieval By Quadrature Homodyne Detection
US	11/562,533	7,623,279 B1	Method For Holographic Data Retrieval By Quadrature Homodyne Detection
US	12/576,257		Method For Holographic Data Retrieval By Quadrature Homodyne Detection
US	60/756,556		External Cavity Laser With A Tunable Holographic Element
US	11/649,801		External Cavity Laser With A Tunable Holographic Element
US	12/334,881		External Cavity Laser With A Tunable Holographic Element
US	60/778,935		Miniature Flexure Based Scanners For Angle Multiplexing
US	60/780,848		Miniature Flexure Based Scanners For Angle Multiplexing
US	60/779,444		Method For Determining Media Orientation And Required Temperature Compensation In Page-Based Holographic Data Storage Systems Using Data Page Bragg Detuning Measurements
US	11/714,125	7,773,276 B2	Method For Determining Media Orientation And Required Temperature Compensation In Page-Based Holographic Data Storage Systems Using Data Page Bragg Detuning Measurements
JP	2008-558425		External Cavity Laser
US	60/780,354		External Cavity Laser
US	11/716,002		External Cavity Laser Device Or System-Having A Pivoting Diffraction Grating
WO	PCT/US07/06094		External Cavity Laser
US	60/793,322		Method For Designing Index Contrasting Monomers
US	11/738,394		Index Contrasting-Photoactive Polymerizable Materials, And Articles And Methods Using Same
WO	PCT/US07/67147		Index-Contrasting Photoactive Polymerizable Materials, And Articles And Methods Using Same
US	60/802,530		High-Speed Electro-Mechanical Shutter
US	11/752,804	8,120,832	High-Speed Electromechanical Shutter
US	13/351,256		High Speed Electromechanical Shutter
US	60/831,692		External Cavity Diode Laser Collimation Group Adjustment
US	11/826,517	7,495,838	Collimation Lens Group Adjustment For Laser System

US	60/841,537		Emulation Of Dissimilar Removable Medium Storage Device Types Assisted By Information Embedded In The Logical Format
US	11/849,658		Emulation Of Dissimilar Removable Medium Storage Device Types Assisted By Information Embedded In The Logical Format
US	60/980,604		Layout Method For Multiplexed Holograms
US	12/210,476		Layout Method For Multiplexed Holograms
US	61/028,628		Servo For Holographic Data Storage
US	12/351,047		Use Of Feedback Error And/Or Feed-Forward Signals To Adjust Control Axes To Optimal Recovery Position Of Hologram In Holographic Data Storage System Or Device
US	61/054,613		A Method For Compensating For Thermal Effects Of A Photopolymer By Using Adaptive Energy Control
US	61/060,890		A System And Devices For Improving External Cavity Diode Lasers Using Wavelength And Mode Sensors And Compact Optical Paths
US	12/457,498		System And Devices For Improving External Cavity Diode Lasers Using Wavelength And Mode Sensors And Compact Optical Paths
US	61/082,328		Method To Modify And Apply Edge Seal Materials To Laminated Media So That The Resulting Seal Has Minimal Effect On The Shape Of The Medial After Exposure To Elevated Temperatures
US	12/506,284		Method To Modify And Apply Edge Seal Materials In Laminated Media
US	61/083,254		Method Allowing Localized Gating Of Diffusion Properties
US	12/508,784		Holographic Storage Medium And Method For Gated Diffusion Of Photoactive Monomer
WO	PCT/US2009/051655		Holographic Storage Medium And Method For Gated Diffusion Of Photoactive Monomer
JP	2011-520220		Holographic Storage Medium And Method For Gated Diffusion Of Photoactive Monomer
US	61/098,445		Method For Finding And Tracking Single Mode Operation Point Of An External Cavity Diode Laser
US	12/562,568		Method For Finding And Tracking Single Mode Operation Point Of External Cavity Diode Lasers
US	61/171,949		Method For Enhancement Of Dynamic Range In Photopolymer Media Using Novel Chemical Additives
US	12/765,987		Photopolymer Media With Enhanced Dynamic Range
US	61/257,548		Method For Recording And Recovering Holograms By Phase-Quadrature Holographic Multiplexing

US	61/408,769		Method For Recording And Recovering Holograms By Phase-Quadrature Holographic Multiplexing
US	61/553,975		Method For Recording And Recovering Holograms By Phase-Quadrature Holographic Multiplexing
US	60/310,225		Process And Composition For Rapid Mass Production Of Holographic Recording Article
US	10/146,115	6,743,552	Process And Composition For Rapid Mass Production Of Holographic Recording Article
WO	PCT/US02/24926		Process And Composition For Rapid Mass Production Of Holographic Recording Article
EP	02756982.1	1414878	Process And Composition For Rapid Mass Production Of Holographic Recording Article
CN	02819860.3		Process And Composition For Rapid Mass Production Of Holographic Recording Article
IN	00159/MUMNP/2004		Process And Composition For Rapid Mass Production Of Holographic Recording Article
JP	2003-519124		Process And Composition For Rapid Mass Production Of Holographic Recording Article
KR	10-2004-7001961	0920260	Process And Composition For Rapid Mass Production Of Holographic Recording Article
DE	602 12 854.4	1414878	Process And Composition For Rapid Mass Production Of Holographic Recording Article
FR	02 756 982.1	1414878	Process And Composition For Rapid Mass Production Of Holographic Recording Article
GB	02 756 982.1	1414878	Process And Composition For Rapid Mass Production Of Holographic Recording Article
JP	2008-272362		Manufacturing Method And Composition For Rapid Mass Production Of Holographic Recording Article
US	60/314,320		Optically Flat Multilayer Optical Articles
US	10/043,939	7,112,359	Method And Apparatus For Multilayer Optical Articles
WO	PCT/US02/26528		Method And Apparatus For Multilayer Optical Articles
CN	02818465.3		Method And Apparatus For Multilayer Optical Articles
JP	2003-522802	4129430	Method And Apparatus For Multilayer Optical Articles
KR	10-2004-7002606	10-0833134	Method And Apparatus For Multilayer Optical Articles
EP	02768627.8		Method And Apparatus For Multilayer Optical Articles
US	60/371,407		A Method For Preparing Holographic Media By A Matrix Attachment Approach
US	60/371,408		A Method For Media Rewriteable Hologram Recording By Photoreversible Addition Reactions
US	10/411,380	7,521,154	Holographic Storage Media
WO	PCT/US2003/011156		Holographic Storage Media

US	12/426,016	8,062,809	Holographic Storage Media
EP	03731016.6	EP 1493150	Holographic Storage Media
CN	03812677.X		Holographic Storage Media
JP	2003-585080	4436688	Holographic Storage Media
HK	06102321.0		Holographic Storage Media
DE	603 29 378.6	1493150	Holographic Storage Media
FR	037310166	1493150	Holographic Storage Media
GB	03731016.6	1493150	Holographic Storage Media
US	60/429,012		Method For Implementing A Page Based Holographic Rom
US	10/658,055		Methods For Implementing Page Based Holographic Rom Recording And Reading
WO	PCT/US2006/019236		Methods And Systems For Recording To Holographic Storage Media
US	12/102,642		Methods For Implementing Page Based Holographic Rom Recording And Reading
US	11/131,601		Methods And Systems For Recording To Holographic Storage Media
US	11/132,002		Holographic Recording System Having A Relay System
US	13/470,635		Holographic Recording System Having A Relay System
JP	2003-394801		Methods For Implementing Page Based Holographic Rom Recording And Reading
CN	200310124886.2		Methods For Implementing Page Based Holographic Rom Recording And Reading
EP	03257404.8	1422698	Methods For Page-Wise Recording And Reading Of Holographic Rom Medium
EP	06760095.7		Methods And Systems For Recording To Holographic Storage Media
JP	2008-512502		Methods And Systems For Recording To Holographic Storage Media
JP	2008-127585		Methods For Implemeting Page Based Holographic Rom Recording And Reading
JP	2012-51567		Methods And Systems For Recording To Holographic Storage Media
US	08/435,682		Multiplex Holography
US	08/888,357	5,892,601	Multiplex Holography

CA	2,172,643	2,172,643	Multiplex Holography
EP	96302831.1		Multiplex Holography
JP	111042/1996	4076592	Multiplex Holography
KR	199614567	0477783	Multiplex Holography
JP	2007-307288		Mulitplex Holography
US	09/046,822	6,103,454	Recording Medium And Process For Forming Medium
US	09/208,557	6,482,551	Optical Article And Process For Forming Article
US	10/115,392	6,939,648	Optical Article And Process For Forming Article
EP	99302010.6		Optical Article And Process For Forming Article
KR	10-1999-0010004	10-343202	Optical Article And Process For Forming Article
JP	79043/1999	3737306	Optical Product And Its Production
US	09/589,948	6,348,983	Holographic Storage Medium Having Enhanced Temperature Operating Range And Method Of Manufacturing The Same
US	09/916,973	6,650,447	Holographic Storage Medium Having Enhanced Temperature Operating Range And Method Of Maunufacturing The Same
EP	01304702.2		Holographic Storage Meduim Having Enhanced Temperature Operating Range And Method Of Maufacturing The Same
JP	2001-153733		Holographic Storage Medium Having Enhanced Temperature Operating Range And Method Of Manufacturing The Same
JP	2012-47791		Holographic Storage Medium Having Enhanced Temperature Operating Range And Method Of Manufacturing The Same
US	60/453,529		Method Of Overlapping Holograms Using Location Based Filtering To Separate Out The Signal
US	10/680,780	7,092,133	Polytopic Multiplex Holography
US	11/473,119	7,167,286	Polytopic Multiplex Holography
CN	200410035217.2		Polytopic Multiplex Holography
JP	2004-068241	4282513	Polytopic Multiplex Holography
KR	10-2004-0016177	10-1079631	A Method And An Apparatus For Enabling Holographic Recording And Readout
TW	093105529	I349171	A Method And Apparatus For Enabling Holographic Recording And Readout, Holographic Media, And Method For Replicating Multiplexed Holograms
EP	04251349.9		Polytopic Multiplex Holography

JP	2008-128550		A Method For Overlapping Holograms Using Locational Filtering To Seperate Out The Signal
US	10/879,847		Method And System For Equalizing Holographic Pages
WO	PCT/US2006/007046		Processing Data Pixels In A Holographic Data Storage System
US	11/069,007	7,848,595	Processing Data Pixels In A Holographic Data Storage System
EP	06736376.2		Processing Data Pixels In A Holographic Data Storage System
JP	2007-558126		Processing Data Pixels In A Holographic Data Storage System
US	08/435,681	5,943,145	Phase Distance Multiplex Holography
US	60/310,153		Integratedread While Writing Using Reference Beam Polarization Rotation
US	10/075,840	6,956,681	Integrated Reading And Writing Of A Hologram With A Rotated Reference Beam Polarization
US	11/215,959	7,079,296	Integrated Reading And Writing Of A Hologram With A Rotated Reference Beam Polarization
EP	EP 020162830		Integrated Reading And Writing Of A Hologram With A Rotated Reference Beam Polarization
US	60/309,202		Holographic Drive And Media Architecture
US	10/146,085	6,909,529	Method And Apparatus For Phase Correlation Holographic Drive
WO	PCT/US02/23511		Method And Apparatus For Phase Correlation Holographic Drive
US	11/155,437	7,209,270	Method And Apparatus For Phase Correlation Holographic Drive
US	60/301,552		Holographic Card Formats For Presentation And Security
US	09/969,699	6,695,213	Holographic Card Formats For Presentation And Security
WO	PCT/US02/21475		Holographic Card Formats For Presentation And Security
US	09/935,462		Method And Apparatus For An Encased Optical Article
WO	PCT/US02/26381		Method And Apparatus For An Encased Optical Article
CN	02818459.9		Method And Apperatus For An Encased Optical Article
IN	170/KOLNP/2004	239526	A Method For Forming A Multilayer Optical Article And A Multilayer Article
JP	2003-524048	4261349	Method And Apparatus For An Encased Optical Article
KR	2004-7002525		Method And Apparatus For An Encased Optical Article
EP	02763474.0		Method And Apparatus For An Encased Optical Article
US	08/670,923	5,838,650	Image Quality Compensation Method And Apparatus For Holographic Data Storage System
US	09/102,515	5,920,536	Method And Apparatus For Holographic Data Storage System
EP	97304239.3	0817201	Method, Apparatus And Medium For Holographic Data Storage System
JP	09-168892	3220054	Method Of Reading Data In Holographic Memory System
TW	86104614	NI-095342	Method, Apparatus And Medium For Holographic Data Storage System
KR	10-1997-0031024	0521660	Method And Apparatus For Holographic Data Storage System

DE	697 37 407.6	817201	Method, Apparatus And Medium For Holographic Data Storage System
FR	973042393	817201	Method, Apparatus And Medium For Holographic Data Storage System
GB	97304239.3	0817201	Method, Apparatus And Meduim For Holographic Data Storage System
US	60/296,451		Tunable Optical Filter
US	09/996,823	6,856,461	Tunable Optical Filter
JP	2002-169342		Tunable Optical Filter
US	60/296,449		Method For Improved Holographic Recording Using Beam Apodization
US	10/059,242	7,295,356	Method For Improved Holographic Recording Using Beam Apodization
JP	2002-169328		Method For Improving Holographic Writing By Using Beam Apodization
US	60/329,950		Optical Head For Holographic Recording
US	10/056,746	6,700,686	System And Method For Holographic Storage
US	60/329,545		Holographic Storage Lenses
US	10/102,974	6,847,498	Holographic Storage Lenses
US	10/917,450	6,924,942	Holographic Storage Lenses
US	10/072,078		Holographic Storage Device With Faceted Surface Structures And Associated Angle Multiplexing Method
US	60/315,713		Blue-Sensitized Holographic Media
US	10/166,172	6,780,546	Blue-Sensitized Holographic Media
WO	PCT/US02/27355		Blue-Sensitized Holographic Media
KR	10-2004-7003147	10-0920261	Blue-Sensitized Holographic Media
US	60/315,714		Associate Write Verify
US	10/067,209	6,788,443	Associative Write Verify
US	60/310,301		Angle Multiplexed Holographic Drive And Media Architecture
US	60/346,803		Holographic Recording Using Contact Prisms
US	10/106,292		Holographic Recording Using Contact Prisms
US	60/313,865		Method For Formatting Partially Overlapping Holograms
US	10/215,860	6,735,002	Method For Formatting Partially Overlapping Holograms
US	10/215,868	6,697,180	Rotation Correlation Multiplex Holography
US	60/315,273		Holographic Storage With Reflective Media Using Shift Multiplexing
US	10/210,251	6,721,076	System And Method For Reflective Holographic Storage With Associated Multiplexing Techniques
US	60/322,234		Environmentally Durable, Self-Sealing Optical Articles

US	10/207,158	6,765,061	Environmentally Durable, Self-Sealing Optical Articles
WO	PCT/US02/28937		Environmentally Durable, Self-Sealing Optical Articles
JP	2003-527516		Environmentally Durable, Self-Sealing Optical Articles
CN	02821642.3		Environmentally Durable, Self-Sealing Optical Articles
US	60/322,302		Multiply Patternable Plastic Optical Articles
US	10/236,802	7,001,541	Method For Forming Multiply Patterned Optical Articles
US	60/328,331		Process For Holographic Multiplexing
US	10/201,357	6,798,547	Process For Holographic Multiplexing
US	60/346,842		Interleaving Strategies For Holographic Data Storage
US	60/333,396		Micro-Positioning Movement Of The Spatial Light Modulator And Camera
US	10/305,769	7,116,626	Micro-Positioning Movement Of Holographic Data Storage System Components
US	60/337,464		Small Form Factor Holographic Storage Device
US	60/333,457		Pixel Size Enhancements
US	10/286,663		Pixel Size Enhancements
US	60/343,554		Obiliquity Corrected Scanning Using Off-Center Lenses
US	10/211,300	6,914,704	Obliquity Correction System
US	60/343,308		Monoblock Aspheric Apodizer
US	10/324,059	6,825,992	Single Component Aspheric Apodizer
US	60/349,146		Backward Compatible Holographic Rom And Replication With Different Wavelength Then Readout
US	10/346,399	6,825,960	System And Method For Bitwise Readout Holographic Rom
WO	PCT/US03/35425		System And Method For Bitwise Readout Holographic Rom
US	60/352,099		Medium Position Sensing
US	10/351,464	7,184,383	Medium Position Sensing
WO	PCT/US03/34560		Medium Position Sensing
US	60/360,277		Method To Bond Two Substrates Together To Obtain Optically Flat Media
US	60/358,322		Optical Folding System For Holographic Storage Device
US	10/256,797	6,831,762	System And Method For Holographic Storage With Optical Folding
US	60/369,343		Holographic Storage Lenses
US	10/246,737	7,180,644	Holographic Storage Lenses
US	10/797,075	6,885,510	Holographic Storage Lenses
US	60/371,406		Method For Media Protection, Oxygen Inhibition Reduction And Real Time Measurement Of Pre-Exposure By A Photobleachable Ingredient

US	10/411,143		Holographic Media With A Photo-Active Material For Media Protection And Inhibitor Removal
US	60/371,409		Method For Producing Recyclable Tires By Reversible Crosslink Chemistry
US	60/371,549		Backward Compatible Holographic Rom And Replication With Different Wavelength Then Readout
US	60/372,426		Method For Increasing Data Packing Area By Using A Transparent Orsemitransparent Servo Pattern
US	60/383,608		Long-Term High Temperature And Humidity Stable Holographic Optical Data Storage Media Compositions With Exceptional High Dynamic Range
US	10/446,771	7,282,322	Long-Term High Temperature And Humidity Stable Holographic Optical Data Storage Media Compositions With Exceptional High Dynamic Range
WO	PCT/US2003/17011		Long-Term High Temperature And Humidity Stable Holographic Optical Data Storage Media Compositions With Exceptional High Dynamic Range
EP	03756276.6	508144	Holographic Data Storage Media Comprising An Aluminum Salt Compound And An Asymetric Acrylate Compound
CN	03815404.8		Holographic Data Storage Media Comprising An Aluminum Salt Compound And An Asymetric Acrylate Compound
JP	2004-509955		Holographic Data Storage Media Comprising An Aluminium Salt Compound And An Asymetric Acrylate Compound
DE	03756276.6	60306375.6	Holographic Data Storage Media Comprising An Aluminum Salt Compound And An Asymmetric Acrylate Compound
FR	03756276.6	1 508 144	Holographic Data Storage Media Comprising An Aluminum Salt Compound And An Asymmetric Acrylate Compound
GB	037562766	1508144	Holographic Data Storage Media Comprising An Aluminum Salt Compound And An Asymetric Acrylate Compound
US	60/383,607		Novel Exceptional High Reflective Index Photoactive Compound For Optical Applications
US	10/446,772	7,229,741	Exceptional High Reflective Index Photoactive Compound For Optical Applications
WO	PCT/US03/17010		High Reflective Index Photoactive Compound For Optical Applications
US	60/379,367		Backward Compatible Holographic Rom And Replication With Different Wavelenth Then Readout
US	11/245,911		Method And Apparatus For Forming Optical Articles
WO	PCT/US2006/039427		Method And Apparatus For Forming Optical Articles
US	10/751,871	7,148,015	Obliquity Correction Scanning Using A Prism Mirror

US	60/440,862		Method For Maintaining A Volume Directory For Multi-Session, Write Once Holographic Media By Using A Supplemental Memory Packaged With The Holographic Media Cartridge
US	10/757,855	7,492,691	Supplemental Memory Having Media Directory
WO	PCT/US04/01054		Supplemental Memory Having Media Directory
US	60/491,875		Data Storage Cartridge
US	10/807,608	7,475,413	Data Storage Cartridge Having A Reduced Thickness Segment
US	60/492,093		Cartridge Shutter Mechanism
US	10/807,644	7,391,593	Cartridge Shutter Mechanism
US	60/499,889		Light Sensitive Media For Optical Devices Using Organic Mesophasic Materials
US	10/931,257	7,232,637	Light Sensitive Media For Optical Devices Using Organic Mesophasic Materials
US	10/632,659	7,020,885	Data Storage Cartridge Loading System
US	08/777,153	6,081,912	Method For Modulating Data For Storage In Page-Wise Memory
EP	97309687.8	EP 0851319	Method For Retrieving Data From Page-Wise Memory
GB	973096878	0851319	Method For Retrieving Data From Page-Wise Memory
DE	97309687.8	69701349.9	Method For Retrieving Data From Page-Wise Memory
FR	973096878	0851319	Method For Retrieving Data From Page-Wise Memory
JP	09-355972	3810543	Method For Modulating Data For Storage In Page Unit Memory
US	60/455,325		Method For Measuring Optical Quality By Differential Diffractive Scanning
US	10/800,111	7,435,941	Methods For Measuring Optical Characteristics By Differential Diffractive Scanning
US	60/469,574		Methods And Systems For Holographic Data Recovery
US	10/841,102	7,738,736	Methods And Systems For Holographic Data Recovery
US	08/579,497	5,808,998	Bit Error Rate Reduction By Reducing The Run Length Of Same-State Pixels In A Holographic Process
US	08/881,404		System And Method For Steering Fresnel Region Data Using Cylindrical Coordinates To Access Data Locations In A Holographic Memory
US	09/206,873	5,973,806	System And Method For Steering Fresnel Region Data Using Cylindrical Coordinates To Access Data Locations In A Holographic Memory
JP	10-177408	3215668	Directional Control System Of Spacial Modulation Composite Incident Beam
TW	087107409	NI-109619	System And Method For Steering Fresnel Region Data Using Cylindrical Coordinates To Access Data Locations In A Holographic Memory
KR	10-1998-0025303	280955	System And Method For Steering Fresnel Region Data Using Cyclindrical Doordinates To Access Data Locations In A Holographic Memory

US	09/047,050	6,018,402	Apparatus And Method For Phase-Encoding Off-Axis Spatial Light Modulators Within Holographic Data Systems
TW	88103597		Apparatus And Method For Phase-Encoding Off-Axis Spatial Light Modulators Within Holographic Data Systems
KR	10-1999-0009797		Apparatus And Method For Phase-Encoding Off-Axis Statial Light Modulators Within Holographic Data Systems
US	08/881,540	6,061,154	System And Method For Steering Focal Plane Data To Access Data Locations In A Holographic Memory
JP	10-177409	3305656	Control System For Composite Incident Beam
TW	087107550	NI-138076	System And Method For Steering Focal Plane Data To Access Data Locations In A Holographic Memory
KR	10-1998-0025300	304469	System And Method For Steering Focal Plane Data To Access Data Locations In A Holographic Memory
US	08/867,563	5,932,045	Method For Fabricating A Multilayer Optical Article
US	09/248,145	6,156,415	Method For Fabricating A Multilayer Optical Article And A System Having A Multilayer Optical Article
US	60/540,116		Data Storage Cartridge Having A Light Seal
CA	2,651,655		Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
EP	07813755.1		Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
JP	2009-523068		Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)

US	60/835,108		Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Orthogonal Scanning Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	11/833,613	7,405,853	Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	12/103,771	7,453,618	Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	12/104,470	7,551,336 B2	Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	12/103,760		(Note Duplicate Filing - See Inpi-0001-Dv1) Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US07/75176		Miniature Single Actuator Scanner For Angle Multiplexing With Circularizing And Pitch Correction Capability (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)

CA	2,662,272		Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
EP	07841458.8		Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
JP	2009-526865		Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	60/840,458		Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	11/846,221	7,532,374	Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US07/76979		Shift Tolerant Lens Optimized For Phase Conjugating Holographic Systems (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
CA	2,664,676		Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)

EP	07842024.7		Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
JP	2009-530508		Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	60/847,923		Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	11/851,413	7,738,153	Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US07/77822		Magnetic Field Position Feedback For Holographic Storage Scanner (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
CA	2,645,173		Miniature Flexure Based Scanners For Angle Multiplexing (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
EP	07752346.2		Miniature Flexure Based Scanners For Angle Multiplexing (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)

JP	2008-558343		Miniature Flexure Based Scanners For Angle Multiplexing (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	11/714,126	7,336,409	Miniature Flexure Based Scanners For Angle Multiplexing (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US2007/005636		Miniature Flexure Based Scanners For Angle Multiplexing (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	60/907,445		Non-Ft Plane Polytopic Filters (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	11/872,051		Non-Ft Plane Angular Filters (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US07/81378		Non-Ft Plane Angular Filters (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	60/948,769		Method For Enabling Media Backwards Compatibility By Dual-Use Media Socket Design (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)

US	12/101,223		Enabling Holographic Media Backwards Compatibility With Dual-Use Media Card Connector (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	12/134,314	8,141,782	Dual-Use Media Card Connector For Backwards Compatible Holographic Media Card (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
WO	PCT/US08/60014		Enabling Holographic Media Backwards Compatibility With Dual-Use Media Card Connector (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
CA	2,692,870		Enabling Holographic Medial Backwards Compatibility With Dual-Use Media Card Connector (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
EP	08745594.5		Enabling Holographic Medial Backwards Compatibility With Dual-Use Media Card Connector (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
JP	2010-516081		Enabling Holographic Media Backwards Compatibility With Dual-Use Media Card Connector (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Nintendo Co., Ltd.)
US	60/855,754		Monocular Holographic Data Storage System Architecture (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)

US	11/840,410	7,742,209	Monocular Holographic Data Storage System Architecture (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	12/325,477	8,130,430 B2	Holographic Storage Device And Method Using Phase Conjugate Optical System (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
WO	PCT/US07/76188		Monocular Holographic Data Storage System Architecture (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	60/872,472		Phase Conjugate Readout Geometries For Holographic Data Storage (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	60/956,463		HROM Replication Methods (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	12/124,209		HROM Replication Methods, Devices Or Systems, Articles Used In Same And Articles Generated By Same (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
WO	PCT/US08/64330		HROM Replication Methods (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)

US	12/786,863	8,077,366	Monocular Holographic Data Storage System Architecture (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
CN	2011-10303691.9		Monocular Holographic Data Storagesystem Architecture (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	60/905,838		Beam Delivery In Monocular Holographic Data Storage System (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)
US	60/905,837		Monocular Holographic Data Storage System Using Grating Lens (The above-identified item is exemplarily of the intellectual property that is subject to this agreement. The full scope of this intellectual property is provided in the joint venture agreement between InPhase Technologies, Inc. and Hitachi, Ltd.)

COUNTRY	TRADEMARK	APPLICATION NO.	REGISTRATION NO.
US	INPHASE TECHNOLOGIES	76/187,074	3,335,602
EM	INPHASE TECHNOLOGIES	002219871	002219871
JP	INPHASE TECHNOLOGIES	2001-040953	4748808
KR	INPHASE TECHNOLOGIES	2001-20878	543942
KR	INPHASE TECHNOLOGIES	2001-0009019	92874
CA	INPHASE TECHNOLOGIES	1107677	738,478
US	TAPESTRY	76/275,940	
US	TAPESTRY	78/756,566	3,641,258
CA	TAPESTRY	1124712	TMA730903
EM	TAPESTRY	002499432	002499432
JP	TAPESTRY	2001-112493	5021105
KR	TAPESTRY	2001-0056578	580221
KR	TAPESTRY	2001-0056579	562165
US	ZEROWAVE	76/263,324	
EM	ZEROWAVE	002277721	002277721
JP	ZEROWAVE	2001-065911	4808497
US	IP (Stylized)	76/187,114	2,882,119
EM	IP (Stylized)	002219616	002219616
JP	IP (Stylized)	2001-040954	4749992
KR	IP (Stylized)	40-2001-0020879	40-0543943-0000
KR	IP (Stylized)	41-2001-0009020	41-0092875-0000
CA	IP (Stylized)	1107678	728,322
US	HOLOBYTE	76/275,805	
US	WAVESTOR	76/268,985	
CA	WAVESTOR	1124505	
EM	WAVESTOR	002499408	
JP	WAVESTOR	2001-108915	
KR	WAVESTOR	40-2001-54415	
US	INPHASE	78/022,184	
CA	INPHASE	1071821	
EM	INPHASE	001832344	
KR	INPHASE	40-2000-0043310	40-0563-6490000

EXHIBIT B

Tangible Asset Contribution Exhibit

Lot No.	Description
18	Gast
42	Glassware
50	International Equipment Co. Centra-7R
51	Thermo Nicolet Nexus 670
60	Flurolog FL3-22, FL-1040
64	IKA
83	Air Control Inc.
87	AC Unit
92	VWR 1350F
93	VWR 1670
99	Mettler Toledo PM800
100	Mettler Toledo PG802-S
102	IKA RCT Basic
103	IKA RCT Basic
104	IKA RCT Basic S1
113	Associated Environmental Systems LH-6
122	IKA RCT Basic
123	IKA RCT Basic
124	IKA RCT Basic
125	IKA RCT Basic
126	IKA RCT Basic
127	IKA RCT Basic
129	IKA RET Basic
139	Denver Instruments P-314
140	Denver Instruments P-314
143	Salvis
144	Buchi RE-121
152	Nestab RTE-111
173	Olympus Multi Measurer II
200	Agilent E3630A
204	Hewlett Packard E3615A
205	Hewlett Packard E3615A
208	Hewlett Packard E3630A
209	Hewlett Packard E3830A
224	EZ RG-8002
226	New Focus Inc. 8732
227	New Focus Inc. 8732
234	Vincent Associates D122

Lot No.	Description
235	Vincent Associates D122
236	Vincent Associates VMM-03
242	ILX Lightwave LDC-3724B
243	ILX Lightwave LDC-3724B
249	Loctite
257	Thor Labs TED 200
258	Thor Labs TED 200
268	Tektronix TDS 3034B
270	Newport HC300
275	Newport 2835-C
278	Newport 1935-C
279	Newport 1935-C
290	RiFocus 578L
297	Vision 1 115 PS3
301	Fedders, Maytag
304	Master HG-201A
305	VWR
312	Hewlett Packard 16700A
323	Tektronix DPO 4104
327	Tektronix CFG 253
326	Tektronix
332	Hewlett Packard 35670A
338	LeCroy Wave Runner 64xl
346	Stanford Research Systems DS345
348	EZ FG -8002
359	Newport 2930-C
360	Newport 1935-C
363	Newport ESP300
364	Newport ESP300
368	Hewlett Packard E3810A
373	Hewlett Packard E3832A
374	Hewlett Packard E3632A
378	Hewlett Packard 33120A
384	Tek Power HY3003D
385	New Focus
389	ILX Lightwave LDT-5948
390	ILX Lightwave LDT-5910
391	ThorLabs LDC500
396	ThorLabs TED200
397	ThorLabs TED200
399	ThorLabs TED200
400	Vincent Associates VMM-D1

Lot No.	Description
404	Switches
409	Elenco Precision
410	Polytec OFV3001
413	Krohn-Hite Corp. 3940
414	TulOptics
418	Krohn-Hite Corp. 3103A
421	Illuminator
423	Dolan-Jenner M1-150
425	Dymax Bluewave 50/AS
429	Dymax PC-3
442	Dell
443	Dell
444	Dell
445	Dell
447	Dell
450	Dell
490	Brother
492	Hewlett Packard
497	Hewlett Packard 4550DN
498	Hewlett Packard 1100
505	Newport VH3648W-OPT
508	Newport RS2000
510	Newport VH3648W-OPT
511	Newport VH3648W-OPT
515	Newport VH3648W-OPT
522	Newport
530	Newport
532	TMC
533	Newport
542	TMC, Newport, ThorLabs
551	TMC, Newport
553	TMC, Newport
567	Polytec
568	TMC, Newport
570	Chantillon DS2-110
571	Mituoyo
573	Keithley
585	Weller
603	Lyon
605	Husky
607	Craftsman
608	Craftsman

Lot No.	Description
609	Husky
616	Eagle 1960
646	Shelving
653	Tools
654	Workbench
668	Workbench
714	Office Furniture
716	Carts
719	Computer Accessories
724	Sacher Lasertechnik
725	Conference Table
800	Chairs/Stools
831	Conference Table
833	Chairs/Stools
900	Grizzly
902	Workbench
922	Newport
926	Bluewave 50AS
930	Melles Griot
937	IBICO 300
999	Laser Curtains
2000	Pallet Jack
521c	Oriel Instruments 87436
94a	Pressure Filter
9999	Sales Tax paid on purchases by Acadia Woods
9999	Buyers Premium paid on purchase by Acadia Woods
23	Gast DOA-F104-AA
53	Varian
307	Starrett, Standard Ridge
335	Advantest Q8341
500	Balance Automation Solutions AHMAS
503	Newport VH3648W-OPT
504	Newport VH3060W-OPT
507	Newport VH3660W-OPT
516	Newport VH3648W-OPT
517	Newport VH3648W-OPT
523	Newport VH3648W-OPT
524	Newport VH3636W-OPT
527	TMC
528	TMC

Lot No.	Description
529	TMC
534	Melles Griot, New Focus, Newport
538	ThorLabs, Newport
539	Edge Wedge Tester
544	TMC, Newport, ThorLabs, Dymax, Dell
545	TMC
546	TMC
547	Newport, Modern Optics
548	ThorLabs, Newport
549	TMC, Newport
552	TMC, Newport
555	TMC, Newport
557	TMC, Newport
558	Newport
560	TMC, Newport
561	Newport
562	TMC, Newport
563	Newport
564	ThorLabs, Newport
652	Equipto
1000	Maxwell Automated Holographic Media Assembly
508a	Coherent SBRC-DBW-K
508a	Coherent SBRC-DBW-K
521b	Sextant Labs 3
525a	Burleigh WA-1000
526a	Newport

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