Client Code: MELLES.013A

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

Name of conveying party(ies): (List using letters or numbers for multiple parties)	Name and address of receiving party(ies):			
, . ,	Name: Melles Griot, Inc.			
David E. Hargis John O'Shaughnessy	Street Address: 2051 Palomar Airport Road, 200			
3. Marc L. Shaffer	City: Carlsbad State: CA			
4. Eric B. Takeuchi	ZIP : 92011			
Additional name(s) of conveying party(ies)	Additional name(s) of receiving party(ies) attached?			
attached?				
() Yes (X) No	() Yes (X) No			
Nature of conveyance;				
() Assignment () Security Agreement				
() Merger () Change of Name				
(X) Other: Confirmation of Assignment	4. US or PCT Application number(s) or US Patent			
Execution Date: (List as in section 1 if multiple	number(s):			
signatures) 1. May 9, 2011	(X) Patent No.: 7,646,546			
2. May 6, 2011	issue Date: January 12, 2010			
3. May 9, 2011	Additional numbers attached?			
4. May 9, 2011	() Yes (X) No			
Party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1			
	ilivolved. 1			
Customer No. 20,995				
Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor	•			
Irvine, CA 92614				
Return Fax: (949) 760-9502				
Attorney's Docket No.: MELLES.013A				
7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410			
(X) Authorized to be charged to deposit account	Please charge this account for any additional fees			
•	which may be required, or credit any overpayment			
	to this account.			
0 Statement and signature				
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing is a true copy of the original document.	g information is true and correct, and any attached copy			
1				
Gregory A. Hermanson Jacque a.	#Command 5/24/2011 ature Date			
Name of Person Signing Sign	ature Date			
E2 049				
53,018 Registration No.				
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Total number of pages including cover	sheet, attachments and document: 15			
Documents transmitted via Facsimile to be recorded with required cover sheet information to:				

Mail Stop Assignment Recordation Services

Director, U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

Facsimile Number: (571) 273-0140

PATENT

11243570 se/051611 700463554

Part II

Confirmation of Assignment

MG 013

Signed/notarized by:

David Hargis
John O'Shaughnessy
Marc Shaffer
Eric Takeuchi

CONFIRMATION OF ASSIGNMENT

This Confirmation of Assignment is by and among, on the one hand, A) John O'Shaughnessy, a United States citizen, residing at 4906 Loma Laguna Drive, Carlsbad, CA 92008; B) David E. Hargis, a United States citizen, residing at 12697 Calle de la Siena, San Diego, CA 92130; C) Eric B. Takeuchi, a United States citizen, residing at 10994 Shy Bird Lane, San Diego, CA 92128; and, D) Marc L. Shaffer, a United States citizen, residing at 2060 North Nutmeg Street, Escondido, CA 92026 (collectively hereinafter "ASSIGNORS") and, on the other hand, Melles Griot, Inc., a Nevada corporation (hereinafter "ASSIGNEE").

WHEREAS, ASSIGNORS invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to ANAMORPHIC OPTICAL SYSTEM PROVIDING A HIGHLY POLARIZED LASER OUTPUT (collectively hereinafter referred to as the "Work") for which the following patent applications have been filed in the United States Patent and Trademark Office (collectively hereinafter the "Patents"):

- U.S. Application No. 11/451,623; Filing Date: June 12, 2006; which issued as U.S. Patent No. 7,646,546; Issue Date: January 12, 2010; (Ref. No. MELLES.013A)
- U.S. Application No. 12/686,178; Filing Date: January 12, 2010; which issued as U.S. Patent No. 7,869,133; Issue Date: January 11, 2011; (Ref. No. MELLES.013DV1)
- U.S. Application No. 12/987,945; Filing Date: January 10, 2011; (Ref. No. MELLES.013D1C1)
- U.S. Provisional No. 60/689,619; Filing Date: June 10, 2005;
- U.S. Provisional No. 60/691,271; Filing Date: June 15, 2005;
- U.S. Provisional No. 60/763,497; Filing Date: January 30, 2006;

WHEREAS, prior to June 2005, ASSIGNORS each executed an employee agreement with ASSIGNEE, said employee agreements, attached hereto in Appendix I, in which ASSIGNORS assigned to ASSIGNEE all right, title, and interest in any and all inventions, patents, and applications produced, discovered, invented, conceived, developed, or improved during ASSIGNORS' employment with ASSIGNEE;

NOW, THEREFORE, ASSIGNORS hereby confirm and acknowledge that for good and valuable consideration the receipt of which is hereby acknowledged, ASSIGNORS sold, assigned, transferred and set over unto ASSIGNEE, the entire right, title, and interest throughout the world in the Work and the Patents, including all applications relating thereto and all applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be or have been granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which have been or may be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

The second secon	Page 3 of 5
IN TESTIMONY WHEREOF, I hereunto set	my hand and seal this 9th day of
·	Swift Hough
Da	vid E. Hargis
STATE OF CALIFORNIA ss.	
} ss.	
COUNTY OF SAN OILGO	•
On	ame(s) is/are subscribed to the within left executed the same in his/her/their left on the instrument the person/s).
WITNESS my hand and official seal.	
	ary Signature
CARLA J WERTS COMM #1786289 Notary Public California SAN DIEGO My Commission Expires Jan 1 2012	·

	,	Page 2 of 5
	, I hereun	John O'Shaughnessy
STATE OF	1	
	}	es.
COUNTY OF	J	

On <u>May 6, 2011</u>, before me, <u>William C. Pulta</u>, notary public, personally appeared <u>John O'Shamhnessy</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

WILLIAM C. PULTZ 9
Commission #1764246 S
Notary Public - California
San Diego County 4
My Commission Exp. Aug. 28, 2011

	Page 5 of 5
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Marc L. Shaffer
STATE OF CALIFORNIA	1 .
COUNTY OF SAN DIEGO	} ss.
satisfactory evidence to be the person instrument, and acknowledged to me	before me, CARLA J. WERTS, notary SHAFER who proved to me on the basis of n(s) whose name(s) is/are subscribed to the within that he/she/they executed the same in his/ber/their /her/their signature(s) on the instrument the person(s), son(s) acted, executed the instrument,
I certify under PENALTY of that the foregoing paragraph is true and of	OF PERJURY under the laws of the State of California correct.
WITNESS my hand and of	fficial seal.
CARLA J WERTS COMM #1786289 Notary Public California SAN DIEGO My Commission Expires Jan 1 2012	Notary Signature

PATENT

Page 5 of 6

IN TESTIMONY WHEREOF,	, I hereunto	set my hand and seal this 9th	day of	
		En B. Tall		
	•	Eric B. Takeuchi		
STATE OF California)	·		
COUNTY OF SUN 1) eys	} J	\$5.		
On 9 Jan Doll before me, Hanglimoh Mini notary public, personally appeared Ent. R. Take under who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are subscribed to the within instrument, and acknowledged to me that (he/she/they executed the same in his/her/their authorized capacity(ies), and that by (her/their signature(s) on the instrument the person(e), or the entity upon behalf of which the person(s) acted, executed the instrument.				
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.				
WITNESS my hand and HANGAME COMM. # NOTARY PUBLICA SAN DIEGO MY COUN. EXP.	H AKIMI L	II. SHALL	,	
My Coulu Exp.	MAR. 11, 2014 T	Notary Signature		

AGREGARDING EMPLOYMENT MATTERS

In consideration of my employment with and the compensation paid to me by MRILES GRIOT, INC. (the "Company"), I agree as follows:

- I will neither disclose nor assist in the unauthorized disclosure nor use in a way adverse to the Company's interests any Proprietary Information. "Proprietary Information" shall include, but not be limited to, the following: manufacturing techniques and technology, processes, formulas, customer lists, mailing lists, trade secrets, data and know-how, information encompassed in all developmental or experimental work, drawings, designs, plans, proposals, computer technology (including software codes, systems, and programs), marketing and sales plans, distribution systems, financial information, methods of operation, costs, pricing information, inventions, machines, methods, uses, apparatuses, compositions of matter, configurations of any kind, works of authorship, improvements or developments, and all concepts or ideas related to the business of the Company or its affiliates, whether created by me or by others.
- 2. During and after my employment with the Company, I shall not use for my own benefit or purpose any Proprietary Information and I will not take or retain any original or copy of any of the Company's Proprietary Information. At the date of my termination of employment with the Company I will promptly return to the Company all originals and copies of any Proprietary Information which I may have in my possession.
- Agreement as an employee of the Company does not and will not breach any agreement to keep in confidence Proprietary Information acquired by me in confidence prior to my employment with the Company. I understand that as part of the consideration for the offer of employment extended to me by the Company and of my employment and continued employment by the Company, that I have not brought and will not bring with me to the Company or use in the performance of my responsibilities at the Company, any materials or documents of a former employer which are not generally available to the public, unless I obtain written authorization from my former employer for their possession and use.
- 4. I will notify the Company of all Proprietary Elnformation which I may produce, discover, invent, conceive, develop, or improve during my employment with the Company and I hereby assign my right, title, and interest in any and all such Proprietary Information to the Company. I understand that I am not obligated to assign any Proprietary Information which qualifies fully under the provisions of California Labor Code Section 2870.

PATENT

- 5. I hereby assign my right, title, and interest in any patents or copyrights, or applications therefor, based on any Proprietary Information, and agree to assist the Company in obtaining, maintaining, enforcing, and extending any patents or copyrights for the benefit of the Company. I agree that the obligations pursuant to this Section 5 shall continue beyond the termination of my employment, but after such termination the Company shall compensate me at a reasonable rate for time actually spent by me in providing such assistance at the Company's request.
- 6. I agree to devote my productive time, ability, and attention to the business of the Company during my employment. I agree that during the period of my employment with the Company I will not, without the Company's express consent, (1) engage in any other full-time employment or activity, or (ii) engage in any employment or activity in any competitive business, other than for the Company. I understand and agree that only with the prior written consent of the Company may I accept part-time employment outside of the Company, provided it is in an industry or job area totally unrelated to my responsibilities with the Company (e.g., real estate), and such that it does not impact my working hours or require use of confidential information or facilities of the Company.
- 7. I agree that California law will govern this Agreement and that the Company may seek injunctive or other appropriate relief to restrain disclosure of the Company's Proprietary Information.
- 8. The provisions of this Agreement shall inure to the benefit of and shall be binding upon my heirs, personal representatives, successors, and assigns, and the successors, subsidiaries, affiliated corporations, venturers, and assignees of the Company.
- 9. The terms of this Agreement (except for the terms contained in Section 6) shall remain in effect after the termination of my employment with the Company.
- 10. The invalidity of any provision hereof shall in no way affect the validity of any other provision hereof. This Agreement constitutes the entire agreement between the Company and me with respect to the subject matter hereof, and supersedes all prior and contemporaneous agreements and understandings of the parties in connection therewith. In addition, this Agreement supersedes any prior trade secret or conflict of interest agreement which I may have signed with the Company or its affiliates.

Dated: 1/24/92

Print Name .

EMPLOYAGRT/7

AGREEMENT REGAMDING EMPLOYMENT MATTERS

In consideration of my employment with and the compensation paid to me by MELLES GRIOT, INC. (the "Company"), I agree as follows:

- I. During and after my employment with the Company, I will neither disclose nor assist in the unauthorized disclosure nor use in a way adverse to the Company's interests any Proprietary Information. "Proprietary Information" shall include, but not be limited to, the following: manufacturing techniques and technology, processes, formulas, customer lists, mailing lists, trade secrets, data and know-how, information encompassed in all developmental or experimental work, drawings, designs, plans, proposals, computer technology (including software codes, systems, and programs), marketing and sales plans, distribution systems, financial information, methods of operation, costs, pricing information, inventions, machines, methods, uses, apparatuses, compositions of matter, configurations of any kind, works of authorship, improvements or developments, and all concepts or ideas related to the business of the Company or its affiliates, whether created by me or by others.
- 2. During and after my employment with the Company, I shall not use for my own benefit or purpose any Proprietary Information and I will not take or retain any original or copy of any of the Company's Proprietary Information. At the date of my termination of employment with the Company I will promptly return to the Company all originals and copies of any Proprietary Information which I may have in my possession.
- 3. I agree that my performance of the terms of this Agreement as an employee of the Company does not and will not breach any agreement to keep in confidence Proprietary Information acquired by me in confidence prior to my employment with the Company. I understand that as part of the consideration for the offer of employment extended to me by the Company and of my employment and continued employment by the Company, that I have not brought and will not bring with me to the Company or use in the performance of my responsibilities at the Company, any materials or documents of a former employer which are not generally available to the public, unless I obtain written authorization from my former employer for their possession and use.
- 4. I will notify the Company of all Proprietary Information which I may produce, discover, invent, conceive, develop, or improve during my employment with the Company and I hereby assign my right, title, and interest in any and all such Proprietary Information to the Company. I understand that I am not obligated to assign any Proprietary Information which qualifies fully under the provisions of California Labor Code Section 2870.

- I hereby assign my right, title, and interest in any patents or copyrights, or applications therefor, based on any Proprietary Information, and agree to assist the Company in obtaining, maintaining, enforcing, and extending any patents or copyrights for the benefit of the Company. I agree that the obligations pursuant to this Section 5 shall continue beyond the termination of my employment, but after such termination the Company shall compensate me at a reasonable rate for time actually spent by me in providing such assistance at the Company's request.
- I agree to devote my productive time, ability, and attention to the business of the Company during my employment. I agree that during the period of my employment with the Company I will not, without the Company's express consent, (i) engage in any other full-time employment or activity, or (ii) engage in any employment or activity in any competitive business, other that for the Company. I understand and agree that only with the prior written consent of the Company may I accept part-time employment outside of the Company, provided it is in an industry or job area totally invalidation. or job area totally unrelated to my responsibilities with the Company (e.g., real estate), and such that it does not impact my working hours or require use of confidential information . or facilities of the Company.
- I agree that California law will govern this Agreement and that the Company may seek injunctive or other appropriate relief to restrain disclosure of the Company's Proprietary Information:
- The provisions of this Agreement shall inure to the benefit of and shall be binding upon my heirs, personal representatives, successors, and assigns, and the successors, subsidiaries, affiliated corporations, venturers, and assignees of the Company.
- The terms of this Agreement (except for the terms contained in Section 6) shall remain in effect after the termination of my employment with the Company.
- 10. The invalidity of any provision hereof shall in no way affect the validity of any other provision hereof. This. Agreement constitutes the entire agreement between the Company and me with respect to the subject matter hereof, and supersedes all prior and contemporaneous agreements and understandings of the parties in connection therewith. In addition, this Agreement supersedes any prior trade secret or conflict of interest agreement which I may have signed with the Company: or its affiliates.

For LPC in non-competative areas, Agreed to by MIKE

EMPLOYAGRT/7

MELLES GRIOT

AGREEMENT REGARDING EMPLOYMENT MATTERS

in consideration of my employment with and the companiation paid to me by MELLES GRIOT, INC. (the "Company"), I agree as follows:

- 1. During and after my employment with the Company, I will neither disclose nor assist in the unauthorized disclosure nor use in a way adverse to the Company's interests any Proprietary Information. "Proprietary Information" shall include, but not be limited to the following: Manufacturing techniques and technology processes, formulas, customer lists, mailing lists, trade secrets, data and know-how information encompassed in all developmental or experimental work, drawings, designs, plans, proposals, computer technology (including software codes, systems, and programs), marketing and sales plans, distribution systems, financial information, methods of operation, costs, pricing information, inventions, machines, methods, uses, apparatuses, compositions of matter, configurations of any kind, works of authorship, improvements or developments, and all concepts or ideas to the business of the Company or its affiliates, whether created by me or by others.
- 2. During and after my employment with the Company, I shall not use for my own benefit or purpose any Proprietary Information and I will not take or retein any original or copy of any of the Company's Proprietary Information. At the date of my termination of employment with the Company, I will promptly return to the Company all originals and copies of any Proprietary Information which I may have in my possession.
- 8. I agree that my performance of the terms of this Agreement as an employee of the Company does not and will not breach any agreement to keep in confidence Proprietary Information acquired by me in confidence prior to my employment with the Company. I understand that as part of the consideration for the offer of employment extended to me by the Company and of my employment and continued employment by the Company, that I have not brought and will not bring with me to the Company or use in the performance of my responsibilities at the Company, any materials or documents of a former employer which are not generally available to the public, unless I obtain written authorization from my former employer for their possession and use.
- 4. I will notify the Company of all Proprietary Information which I may produce, discover, invent, conceive, develop, or improve during my employment with the Company and i hereby assign my right, title, and interest in any and all such Proprietary Information to the Company. I understand that I am not obligated to assign any Proprietary Information that qualifies fully under the provisions of California Labor Code Section 2870.
- 5. I hereby assign my right, title, and interest in any patents or copyrights, or applications therefore, based on any Proprietary Information, and egree to assist the Company in obtaining, maintaining, enforcing, and extending any patents or copyrights for the benefit of the Company. I agree that the obligations pursuant to this Section 6 shall continue beyond the termination of my employment, but after such termination the Company compensate me at a reasonable rate for time actually spent by me in providing such assistance at the Company's request.

Agreement Regarding Patinfayment ray 2002 dan

- 6. I agree to devote my productive time, ability and attention to the business of the Company during my employment. I agree that during the period of my employment with the Company, I will not, without the Company's express consent, (i) engage in any other full-time employment or activity, or (ii) engage in any employment or activity in any competitive business, other than for the Company. I understand and agree that only with the prior written consent of the Company, provided it is in an industry or job area totally unrelated to my responsibilities with the Company (e.g., real estate), and such that it does not impact my working hours or require use of confidential information or facilities of the Company.
- 7. I agree that during and after my employment with the Company, I will not solicit any of the Company's employees to work for or be associated with in any way a competitive business, or otherwise induce or attempt to induce any such employees to work for or be associated with a competitive business. Nor will I induce or attempt to induce any such employees to terminate their employment with the Company or to otherwise disrupt or interfere or attempt to disrupt or interfere with the Company's relationships with such employees.
- I agree that California law will govern this Agreement and that the Company may seek injunctive or other appropriate relief to restrain disclosure of the Company's Proprietary Information.
- 9. The provisions of this Agreement shall inure to the benefit of and shall be binding upon my heirs, personal representatives, successors, and assigns, and the successors, subsidiaries, affiliated corporations, venturers, and assignees of the Company.
- 10. The terms of this Agreement (except for the terms contained in Section 8) shall remain in effect after the termination of my employment with the Company.
- 11. The invalidity of any provision hereof shall in no way affect the validity of any other provision hereof. This Agreement constitutes the entire agreement between the Company and me with respect to the subject matter hereof, and supersedes all prior and contemporaneous agreements and understandings of the parties in connection therewith. In addition, this Agreement supersedes any prior trade secret or conflict of interest agreement that I may have algred with the Company or its affiliates.

Dated: 9/15/2003

Suc B Jahren Signature

ERIC B TAKEUCHI
Print Name

Accepted Reserving Employment to 2007 dos

AGREEMENT REGARDING EMPLOYMENT MATTERS

In consideration of my employment with and the compensation paid to me by MELLES GRIOT, INC. (the "Company"),

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- Information which I may produce, discover, invent, conceive, develop, or improve during my employment with the Company and I hereby assign my right, title, and interest in any and all such Proprietary Information to the Company. I understand that I am not obligated to assign any Proprietary Information which qualifies fully under the provisions of California Labor Code Section 2870.

- in any patents or copyrights, or applications therefor, based on any Proprietary Information, and agree to assist the Company in obtaining, maintaining, enforcing, and extending any patents or copyrights for the benefit of the Company. I agree that the obligations pursuant to this Section 5 shall continue beyond the termination of my employment, but after such termination the Company shall compensate me at a reasonable rate for time actually spent by me in providing such assistance at the Company's request.
- and attention to the business of the Company during my employment. I agree that during the period of my employment with the Company in any other full-time employment or activity, or (ii) engage in any employment or activity in any competitive business, other than for the Company. I understand and agree that only with the prior written consent of the Company may I accept part-time employment outside of the Company, provided it is in an industry or job area totally unrelated to my responsibilities with the Company (e.g., real estate), and such that it does not impact my working hours or require use of confidential information or facilities of the Company.
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Dated: 12-17-99

Marc L. SHAFFER

EMPLOY/13/F/7 | REEL: 026340 FRAME: 0979

RECORDED: 05/24/2011