6/29/2011 9:13:12 AM PAGE 2/018 Fax Server

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 600.769USR Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Regents of the University of Minnesota 3M INNOVATIVE PROPERTIES COMPANY Street Address: 1000 Westgate Drive Suite 160 Additional name(s) of conveying party(ies) attached? City: <u>St. Paul</u> State: <u>MN</u> Zip: <u>55114-8658</u> []Yes [X]No Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [] Assignment [] Merger [] Security Agreement [] Change of Name [X] Other **Donation Agreement** Execution Date: December 23, 2009 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Serial No. 09/305,780, filed April 28, 1999 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 40.00 Name: David W. Black []Enclosed [X]Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David W. Black/Reg. No. 42.331 / June 28, 2011 Name of Person Signing Date Total number of pages including cover sheet: 17

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

700466259

DONATION AGREEMENT

This Agreement, effective December 31, 2009 ("Effective Date"), is entered into by and between Regents of the University of Minnesota ("UNIVERSITY"), 3M Company, a Delaware Corporation having a principal place of business at 3M Center, St. Paul, Minnesota, 55144-1000 ("3M"), and 3M INNOVATIVE PROPERTIES COMPANY, a Delaware Corporation having a principal place of business at 3M Center, St. Paul, Minnesota, 55144-1000 ("3M IPC"), collectively referred to herein as the Parties.

RECITALS

A. 3M and 3M IPC are willing to donate to UNIVERSITY certain patent rights and to assign certain patent license rights, and UNIVERSITY wishes to accept the donation.

THEREFORE, in consideration of the mutual covenants and agreements contained hercin, the parties hereto agree as follows:

ARTICLE 1

DEFINITIONS

- 1.01 <u>3M Family</u>. "3M Family" means 3M, 3M IPC, and the Affiliates of either or both.
- 1.02 <u>Affiliate</u>. "Affiliate" means any entity (corporation, company, partnership or other business organization):
 - (1) that, directly or indirectly through one or more intermediaries, is controlled by, is under common control with, or controls a party to this Agreement; or
 - (2) in which a party to this Agreement, directly or indirectly through one or more intermediaries, has or controls at least forty percent (40%) ownership or voting rights interest (whether through stock ownership, stock power, voting proxy or otherwise) or has the maximum ownership interest it is permitted to have in the country where such entity exists.
- 1.03 <u>Assigned Patent Rights</u>. "Assigned Patent Rights" means those patent applications and patents listed in Exhibit 2, and any continuations, divisionals, continuations-in-part, extensions, reissues or reexaminations thereof and any patents resulting from such patent applications.
- 1.04 <u>Assigned License Rights</u>. "Assigned License Rights" means all rights and obligations of 3M under the Assigned Patent License Agreements listed in Exhibit 1 and attached as Appendix A.

ARTICLE 2 DONATION

2.01 Assignment and License. 3M IPC hereby:

- (a) Irrevocably assigns, transfers, and donates to the UNIVERSITY 3M IPC's entire right, title and interest in the Assigned Patent Rights, and
- (b) Irrevocably assigns and transfers to UNIVERSITY 3M's entire right, title, and interest in the Assigned License Rights.
- 2.02 <u>No Implied Intellectual Property Transfers</u>. No Intellectual Property is transferred to UNIVERSITY other than that expressly identified in this Article.
- 2.03 No Rights in Trademark. This Agreement does not grant UNIVERSITY the right to use 3M's name or any 3M trademark.
- 2.05 <u>Non-Assertion</u>. Notwithstanding any other provision of this Agreement, UNIVERSITY promises not to assert any of the intellectual property assigned hereunder against any member of the 3M Family, their successors, or assigns, direct or indirect, anywhere in the world, based on the Assigned Patent Rights or the Assigned License Rights. Such non-assertion applies to activities including the manufacture, use, sale, importation or offer for sale of products or processes covered by the Assigned Patent Rights. Any assignment, license or other transfer by UNIVERSITY or its successors, assigns or partners of the Assigned Patent Rights or the Assigned License Rights shall be subject to this promise of nonassertion,

ARTICLE 3

ACCEPTANCE, REPRESENTATIONS, AND WARRANTIES

- 3.01 UNIVERSITY is not paying any money or other compensation in consideration for the assignments and donations made pursuant to this Agreement. UNIVERSITY accepts the assignments and donations under this Agreement and represents that it is an integral part of the state of Minnesota under the Internal Revenue Code (the "Code") and that, charitable contributions to it are deductible under section 170(a)(1) of the Code as a contribution to a government unit described in section 170((c)(1)) of the Code. The UNIVERSITY further represents that the assigned assets will be used exclusively for public purposes.
- 3.02 UNIVERSITY represents and warrants that it has no existing agreement that will assign or transfer the rights it is receiving hereunder to a third party.
- 3.03 UNIVERSITY represents that it has not made or entered into this Agreement in reliance upon any warranty or representation by any person or entity except for representations specifically set forth herein.
- 3.04 3M and 3M IPC represent that:

- a) Their purpose in making the donation set forth in this Agreement to UNIVERSITY is exclusively for public purposes, and is based upon their assessment of UNIVERSITY's current and prospective capabilities and interests in furthering research and development.
- b) 3M and 3M IPC are authorized to conclude this Agreement and transfer the assets and rights mentioned herein, free of any encumbrances, in accordance with the terms of this Agreement; and
- c) Notwithstanding UNIVERSITY'S representation in section 3.01 above, 3M Family will independently determine whether the assignments, donations, and other consideration under this Agreement above qualify as a tax deductible donation, and UNIVERSITY will not be liable for 3M's tax consequences relating thereto. The 3M Family will be solely responsible for the accuracy, nature, and extent of any IRS documents prepared and filed by the 3M Family regarding the value, deductibility, and other tax related issues.
- d) 3M or 3M IPC, as the case may be, is the owner of the Patent Rights and Patent License Rights, and will cooperate with UNIVERSITY to perfect any chain of title recordation necessary for either of these.
- e) Neither 3M nor 3M IPC is aware of any pending or threatened litigation, either domestic or foreign, associated with the Assigned Patent Rights or the Assigned License Rights.
- f) All fees, filings, and actions required to prosecute or maintain the Assigned Patent Rights have been paid, filed, or performed through the Effective Date.
- g) 3M or 3M IPC, as the case may be, will notify the licensees under such licenses to direct payment and correspondence to UNIVERSITY.
- 3.05 The 3M Family assumes no responsibilities with or arising from the practice of the Patent Rights or the Patent License Rights.
- 3.06 UNIVERSITY agrees to release the 3M Family, their officers, directors, employees, and agents from any and all claims which UNIVERSITY might otherwise have against any of them by reason of the practice of the Patent Rights or the Patent License Rights.
- 3.07 **Disclaimers**. Except as provided in Section 3.04, 3M and 3M IPC make the following disclaimers:
 - (a) The transfers of the Patent Rights and Patent License Rights under this Agreement are on an "AS IS" basis.
 - (b) 3M AND 3M IPC DISCLAIM AND UNIVERSITY HEREBY WAIVES ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE WITH RESPECT TO ANY ASSET TRANSFERRED UNDER THIS AGREEMENT.

- (c) UNIVERSITY ACKNOWLEDGES THAT 3M AND 3M IPC HAVE DISCLAIMED ANY REPRESENTATION OR WARRANTY WITH RESPECT TO:
 - (i) VALUE, VALUATION, PATENTABILITY, REGISTERABILITY, INVENTORSHIP, TRANSFERABILITY, VALIDITY, ORIGINALITY, ENFORCEABILITY, RELATIONSHIP TO ANY OTHER INTELLECTUAL PROPERTY (E.G., WHETHER PATENTS ARE COUNTERPARTS OR EQUIVALENTS), RIGHT TO PRACTICE, SCOPE, STATUS (PENDING OR ISSUED), PRIORITY OR USE OF ANY ASSIGNED OR LICENSED INTELLECTUAL PROPERTY RIGHT;
 - (ii) NON-INFRINGEMENT, INFRINGEMENT, NON-DILUTION OR DILUTION OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHT; AND
 - (iii) WHETHER ANY ASSIGNED INTELLECTUAL PROPERTY RIGHT (INCLUDING WITHOUT LIMITATION PATENT RIGHTS) COVERS ANY PRODUCT, DEVICE OR PROCESS.

ARTICLE 4 COOPERATION

- 4.01 <u>Assignment Documents</u> 3M IPC shall prepare, or may have outside counsel prepare, recordable assignment documents assigning the Assigned Patent Rights to UNIVERSITY and will pay the cost of recording such documents with the appropriate governmental agencies or patent offices (e.g. legal fees, recording fees, and taxes).
- 4.02 <u>Tax Filings</u>. UNIVERSITY will reasonably cooperate with the 3M Family with respect to applicable tax or legal filings, including without limitation by:
 - (a) Assisting in preparing and filing the proper acknowledgement with the US Internal Revenue Service for a charitable contribution by 3M and/or 3M IPC to the UNIVERSITY (e.g., IRS Form 8283 "Noncash Charitable Contribution");
 - (b) Promptly filing the Donce Information Return form (e.g., IRS Form 8282) with the US Internal Revenue Service if the UNIVERSITY does any act for which such a filing is required;

- (c) Providing such information as is reasonably necessary to allow 3M's inside and outside auditors to assess the value or valuation of the tangible and intangible assets assigned under this Agreement; and
- (d) Performing such other acts or filings as may be required by applicable governmental tax authorities.
- 4.03 File Histories. 3M or 3M IPC, as the case may be, will provide to UNIVERSITY file histories or file wrappers in their possession relevant to the Assigned Patent Rights.

4.04 <u>Fees.</u> 3M shall not be obligated to pay any fees relative to maintenance or prosecution of the Assigned Patents as of the Effective Date of this Agreement.

4.05 Next Required Actions.__3M or 3M IPC, as the case may be, will provide to UNIVERSITY a list of the next actions required to prosecute or maintain the Assigned Patent Rights.

ARTICLE 5 DISPUTE RESOLUTION

- 5.01 No claims relating to the subject matter of this Agreement will be brought by UNIVERSITY against any director, officer, or employee of the 3M Family in his or her individual capacity.
- 5.02 **Disoute Resolution.** All disputes arising between the Parties relating to the making or performance of this Agreement shall be resolved in the following order of preference:
 - (a) By good faith negotiation between representative of 3M or 3M IPC and UNIVERSITY who have authority to fully and finally resolve the dispute. The existence and substance of any negotiations pursuant to this Article shall be considered confidential under this Agreement, shall be treated as compromise and settlement negotiations for purposes of Federal Rule of Evidence 408 and any comparable provision, and shall not be used by any Party in any court or tribunal in any country for any reason.
 - (b) If necessary, by non-binding mediation at a location acceptable to both Parties using an experienced neutral mediator (with the costs therefore shared equally). All proceedings pursuant to this clause shall be held and considered confidential under this Agreement, shall be treated as compromise and settlement negotiations for purposes of Federal Rule of Evidence 408 and any comparable provision, and shall not be used by any Party in any court or tribunal in any country for any reason.
 - (c) As a last resort only, by litigation.

- 5.03 Nothing in this Article 5 shall preclude any Party from taking whatever actions are necessary to prevent immediate, irreparable harm to its interests. This Article 5 shall survive the termination or expiration of the Agreement.
- 5.04 <u>Personal Jurisdiction and Applicable Law</u>. Any questions, claims, disputes, remedies, or procedural matters shall be governed by the laws of the State of Minnesota and of the United States, without regard to principles of conflicts of law. The Parties agree that the State of Minnesota has a substantial relationship to this transaction and each Party agrees that the courts of Minnesota may properly exercise personal jurisdiction over them in the courts thereof. The Parties agree that any and all dispute resolution, including without limitation litigation relating to this Agreement or the Patent Rights, shall be brought exclusively in the State of Minnesota in the state or federal court having subject matter jurisdiction.
- 5.05 **Damages.** 3M, 3M IPC and UNIVERSITY each agree to waive any right to receive punitive, consequential, special or indirect damages relating in any way to this Agreement.

ARTICLE 6 MISCELLANEOUS

- 6.01 Indemnification. UNIVERSITY shall indemnify and hold harmless the 3M Family, its employees, agents, officers, directors, and successors with respect to any and all claims by any third party arising after the Effective Date of this Agreement and based on the University's use, licensing, enforcement or other transfer of the Assigned Patent Rights and Assigned License Rights. In any license agreement or other agreement between UNIVERSITY and any third party relating to the Assigned Patent Rights or the Assigned License Rights, UNIVERSITY shall require such third party to indemnify and hold harmless the 3M Family, its employees, agents, officers, directors, and successors with respect to any and all claims arising from use, enforcement or possession of such Assigned Patent Rights or Assigned License Rights by such third party. In the event that any lawsuit is brought against any member of the 3M Family for which indemnity is sought hereunder, 3M of 3M IPC shall promptly notify UNIVERSITY, and UNIVERSITY shall have the right to control any such litigation, including but not limited to the right to select counsel and to settle any such action. 3M and 3M IPC agree to reasonably cooperate with UNIVERSITY's defense or disposal of such claims and lawsuits. The indemnification of the 3M Family by UNIVERSITY, its successors, assigns or such third party provided under this paragraph does not apply to any and all claims based on a cause of action initiated against the 3M Family prior to the Effective Date.
- 6.02 **Force Majeure.** No Party shall be considered in default or be liable for any delay in performance or for any nonperformance caused by circumstances beyond the reasonable control of such Party, including but not limited to acts of God, explosion, fire, flood, accident, strike or other labor disturbance, war (whether

declared or not), sabotage, order or decree of any court or action of any governmental authority, or other causes, whether similar or dissimilar to those specified, that cannot reasonably be controlled by the Party which failed to perform.

6.03 <u>Notices</u>. Any and all communications required by this Agreement shall be in writing and sent by first class mail, postage prepaid, and addressed to the last known address of the Party to be served therewith. Notices sent by Registered or Certified mail, Return Receipt Requested, shall be presumed to have been received. Any notice to be given to 3M or 3M IPC shall be addressed to:

Chief Intellectual Property Counsel Office of Intellectual Property Counsel 3M Innovative Properties Company Building 200-11W-01 3M Center St. Paul, Minnesota 55144

Any notice to be given to UNIVERSITY shall be addressed to:

Regents of the University of Minnesota Office for Technology Commercialization 1000 West Gate Drive Suite 160 St. Paul, MN 55114

With a copy to: Regents of the University of Minnesota Office of the General Counsel 360 McNamara Alumni Center 200 Oak Street SE Minneapolis, MN 55455

Any change of address of a Party shall be promptly communicated in writing to the other **P**arty.

- 6.04 **Integration, Amendment and Assignment.** This Agreement sets forth the entire agreement among the Parties relating to the subject matter hereof. Neither this Agreement nor any right or obligation hereunder shall be modified, amended, assigned or discharged except as expressly stated in this Agreement or by a written agreement executed by the Parties hereto. This Agreement and any of the rights and obligations thereof are fully assignable by 3M and 3M IPC.
- 6.05 <u>Succession</u>. This Agreement and the rights and obligations granted and undertaken hereunder shall be binding upon and inure to the benefit of the Parties hereto, and their successors, trustee(s) or receiver(s) in bankruptcy and permitted assigns.

6.06 This Agreement was negotiated between the Partics, each of whom consulted with legal counsel during the negotiation, drafting, and execution of this Agreement, and the Parties agree that this Agreement shall not be construed against any Party as the drafter.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be signed in duplicate by their respective duly authorized representatives.

HE UNIVERSITY OF MINNESOTA REGENTS adio the Mulcaby By: 🖊 Printed Name: K. TIMOTHY MULCAHY Title: VICE PRESIDENT FOR RESEARCH 12/231 109 Date: ____

3M COMPANY By: Alex BRILLO JR Printed Name: Title: _ NOUNCO VEUENCESAL 2009 22 Date:

3M INNOVATIVE PROPERTIES COMPANY

By:___

Printed Name:

Title:_____

Date:_____

IN WITNESS WHEREOF, the Parties have caused this Agreement to be signed in duplicate by their respective duly authorized representatives.

RECENTS OF THE UNIVERSITY OF MINNESOTA By: R. Unisthy Mulcaly Printed Name: R. TIMOTHY MULCAHY Title: VICE PRESIDENT for RESEARCH

Date: 12/23/09

3M COMPANY

By:	nt och Me delagstisstanski sekond sekond	19] [19] 8 6 1 8 1000000000000000000000000000000	
Printed Name:		c) per la	
Title:			

Date:	

3M INNOVATIVE PROPERTIES COMPANY

By:

Printed Name: <u>Kevin H. Rhodes</u>

Title: President & Chief IP Counsel

Date: _____ December 22, 2009

EXHIBIT	1:	Assigned	Patent License	Agreements
---------	----	----------	----------------	------------

Licensee Name	Date of Original License Agreement	Technology Licensed
InFocus Corporation	May 31, 2005	TIR Prism
Prodisc Technology, Inc.	October 1, 2005	TIR Prism
Young Optics, Inc.	April 1, 2005	TIR Prism
Unaxis Balzers, Ltd.(now OC Ocrlikon Balzers Ltd., Optics)	June 1, 2006	TIR Prism
Delta Electronics, Inc.	June 1, 2005	нгт
Premier Image Technology Corporation	November 9, 2004	HLT
Prodisc Technology, Inc.	August 1, 2004	HLT
Young Optics, Inc.	September 22, 2004	HLT
Unaxis Balsers, Ltd. (now OC Oerlikon Balzers Ltd., Optics)	December 1, 2000	HLT
Bookham, Inc.	May 1, 2005	HLT

•

Exhibit 2: Assigned Patent Rights

	ent Rights			
3M Case Identifier	Status	Expected Expiration Date	Title	Patent or Publication Number
			Optical Systems	
	ĺ		for Projection	CN Patent
58441CN006	Issued	20-Mar-20	Displays	00809623.6
			Optical Systems	
			for Projection	EP Publication
58441EP007	Published	20-Mar-20	Displays	1196819
			Optical Systems	
			for Projection	JP Publication
58441JP008	Published	20-Mar-20	Displays	2003503755
1		,	Optical Systems	
		00.00	for Projection	KR Patent 10-
58441KR009	lssued	20-Mar-20	Displays	0702736
			Optical Systems	That makes we had
CD 4 4 17 100C	1	00 14 00	for Projection	TW Patent NI-
58441TW005	Issued	29-Mar-20	Displays	140753
			Optical Systems	
5014410000		00 04 00	for Projection	U.S. Patent
58441US003	baued	20-Mar-20	Displays	6,461,000
		0.000	Optical System for	U.S. Patent
58548US002	Issued	<u>3-Sep-13</u>	Projection Display	5,552,922
		10 10 10	Optical System for	U.S. Patent
58548US003	Issued	18-Feb-14	Projection Display	5,604,624
HLT Patent Ri				References in the
FILT Faterit M	yn is		Г	
3M Case Identifier	Status	Expected Expiration Date	Title	Patent or Publication Number
3M Case Identifier	Status	Expected Expiration Date		
	Status		Apparatus for	Publication
	Status		Apparatus for Uniformly	Publication
ldentifier	Status	Expiration Date	Apparatus for	Publication
ldentifier			Apparatus for Uniformly Illuminating a Light Valve	Publication Number
ldentifier		Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for	Publication Number
ldentifier		Expiration Date	Apparatus for Uniformly Illuminating a Light Valve	Publication Number
		Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly	Publication Number
Identifier 58489DE004	Issued	Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve	Publication Number DE 69529866.6
Identifier 58489DE004	Issued	Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light	Publication Number DE 69529866.6
Identifier 58489DE004	Issued	Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly	Publication Number DE 69529866.5 EP 0691552
Identifier 58489DE004 58489EP004	Issued	Expiration Date 16-Jun-15 16-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for	Publication Number DE 69529866.6 EP 0691552 TW Patent NI-
Identifier 58489DE004	Issued	Expiration Date	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve	Publication Number DE 69529866.5 EP 0691552
Identifier 58489DE004 58489EP004	Issued	Expiration Date 16-Jun-15 16-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light	Publication Number DE 69529866.6 EP 0691552 TW Patent NI-
Identifier 58489DE004 58489EP004	Issued	Expiration Date 16-Jun-15 16-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly	Publication Number DE 69529866.6 EP 0691552 TW Patent NI- 097038
Identifier 58489DE004 58489EP004 58489TW006	Issued Issued	Expiration Date 16-Jun-15 16-Jun-15 28-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Huminating a Light	Publication Number DE 69529866.6 EP 0691552 TW Patent NI- 097038
Identifier 58489DE004 58489EP004	Issued	Expiration Date 16-Jun-15 16-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve	Publication Number DE 69529866.6 EP 0691552 TW Patent NI- 097038
Identifier 58489DE004 58489EP004 58489TW006	Issued Issued	Expiration Date 16-Jun-15 16-Jun-15 28-Jun-15	Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Valve Apparatus for Uniformly Illuminating a Light Huminating a Light	Publication Number DE 69529866.6 EP 0691552 TW Patent NI- 097038

, .	}	1	Valve	
58489JP011	Pending	28-Jun-15	Apparatus for Uniformly Illuminating a Light Valve	JP Application No. 2007- 042000 (Divisional of Original Now- Abandoned Case)
58489JP009	Issued	28-Jun-15	Apparatus for Uniformly Illuminating a Light Valve	JP Patent 3954624 (Divisional of Original Now- Abandoned Case)
	· · · · · · · · · · · · · · · · · · ·			
Other Patent	Rights			Y
3M Case Identifier	Status	Expected	Title	Patent or Publication
identitiet	Status	Expiration Date	Title Color Component	Number
58316US003	Issued	7-Jen-23	Apperture Stops in Projection Display System	U.S. Patent 6,877,665
58316US013	เรรมอย่	7-Jan-23	Color Component Apperture Stops in Projection Display System	U.S. Patent 7,008,065
58316CN007	Published	7-Jan-23	Color Component Apperture Stops in Projection Display System	CN Publication 1613262
58316TW005	lssued	7-Jan-23	Improving the Contrast and Imaging Quality of LCOS Projection	TW Patent I- 262727
58316EP008	Published	7-Jan-23	Color Component Apperture Stops in Projection Display System	EP Publication
58316JP009	Published	7-Jan-23	Color Component Apperture Stops In Projection Display System	JP Publication 2005-516249
58316MX011	Issued	7-Jan-23	Color Component Apperture Stops in Projection Display System	MX Patent 248789
58337US003	Issued	16-May-22	Polarization Arrangement	U.S. Patent 6,764,181
58363US003	Issued	7-Dec-14	Telecentric Lens Systems for Forming an Image of an Object Composed of Pixets	U.S. RE39424

12

			TIR Prism for	U.S. Patent
58432US003	Issued	22-Nov-22	DMD Projector	6,726,332
		·····	Mini-Zoom	· · ·
		}	Projection Lenses	
		1	for Use With	U.S. Patent
58465US004	Issued	11-Aug-17	Pixelized Panels	5,900,989
			Projection Lenses	
			for Use with Large	U.S. Patent
58465US005	Issued	11-Aug-17	Pixelized Panels	6.023,375
			Long Focal Length	
			Projection Lenses	
LO 4011 (0000	المرمد والمراجع	00 (40	for Use With Large	U.S. Patent
58465US006	Issued	<u>28-Jan-18</u>	Pixelized Panels Projection Lenses	5,991,089
	,		Having Large	
			Back Focal Length	
			To Focal Length	U.S. Patent
56466US003	issued	16-May-17	Ratios	5,870,228
	· · · · · · · · · · · · · · · · · · ·	1	Projection Lenses	
			Having Large	
			Back Focal Length	
			To Focal Length	U.S. Patent
58466US004	issued	16-May-17	Ratios	5,969,876
			Zoom Projection	U.S. Patent
58467US002	lssued	31-Aug-12	Lens Systems	5,313,330
			Zoom Projection	
			Lens Having a	
58474US009	Issued	30-Jul-18	Lens Correction	U.S. Patent 6,417,971
3047403009	ISSUGU	30-30-10	Projection Lens	0,417,971
			Systems Having	
			Reduced	U.S. Patent
58480U\$002	issued	15-Jun-13	Spherochromatism	5,329,363
			Retro-Focus Wide	JP Publication
58481JP003	Published		Angle Lens	5241070
			Retro-Focus Wide	U.S. Patent
58481U\$002	lssued	<u>3-Dec-11</u>	Angle Lens	5,218,480
	,	}	Projection Lenses	
	1	ł	Having Reduced	
, ,			Lateral Color for	
59492110002	Issued	A Mou 10	Use with Pixelized Panels	U.S. Patent
58482U\$002	Issued	4-May-19	Focus Corrector	6,195,209
			for Zoom	
			Projection Lenses	
			Used with	U.S. Patent
58482US010	Issued	4-May-19	Pixelized Panels	6,169,636
			Projection Lenses	
		1	for Use with	-
			Reflective	U.S. Patent
58491US002	Issued	28-Feb-21	Pixelized Panels	6,476,974
	1999 - 1997 - 19		Hybrid, Cotor-	
			Corrected,	
			Projection TV	U.S. Patent
58528U\$002	Issued	30-Mar-13	Lens System	5,309,283

;

			High Speed Wide	
			Angle Projection	U.S. Patent
58529US002	Issued	2-Mar-12	TV Lens System	5,296,967
				U.S. Patent
58530US002	Issued	27-Sep-11	Lens Systems	5,200,861
			Color TV	
			Projection Lens	U.S. Patent
58531US002	Issued	7-Mar-10	System	5,055,922
			Field Curvature	U.S. Patent
58538U\$002	lesued	4-Feb-14	Corrector	5,559,637
			High Performance,	
			Thermally-	
			Stabilized	
			Projection	
			Television Lens	U.S. Patent
58539US002	Issued	23-Jun-13	Systems	5,455,713
			High Efficiency	
			Polarizing	U.S. Patent
58543US002	Issued	29-Aug-17	Converter	5,973,833
			Centrifugal	
			Illumination	U.S. Patent
58544US002	Issued	8-Nov-16	System	5,868,481
			Focus Adjustment	
			Assemblies for	
			Projection	U.S. Patent
58549US002	Issued	23-Nov-12	Television	5,276,555

• 機

Appendix A: Assigned Patent License Agreements

This Page Left Intentionally Blank

15

PATENT REEL: 026534 FRAME: 0392

RECORDED: 06/29/2011