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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Michael D. Tocci	03/30/2009	

RECEIVING PARTY DATA

Name:	Contrast Optical Design & Engineering, Inc.
Street Address:	9 Punta Linda
City:	Sandia Park
State/Country:	NEW MEXICO
Postal Code:	87047

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12414547	

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Total Attachments: 3

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> PATENT REEL: 022477 FRAME: 0186

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

Inventor: Michael D. Tocci, Ph.D.

Serial No.: 12/414,547

Filing Date: March 30, 2009

For valuable consideration received or to be received, and hereby acknowledged, Michael D. Tocci, Ph.D. of Sandia Park, New Mexico (hereinafter referred to as "Inventor"), hereby sells, assigns and transfers unto Contrast Optical Design & Engineering, Inc. of 9 Punta Linda, Sandia Park, New Mexico 87047, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as WHOLE BEAM IMAGE SPLITTING SYSTEM, and described in an application filed in the United States Patent and Trademark Office on March 30, 2009, as Attorney Docket No. 32430-1005-UT, and given U.S. Patent Application Serial No. 12/414,547, which claims priority to U.S. Provisional Patent Application No. 61/040,300 filed in the United States Patent and Trademark Office on March 28, 2008, U.S. Provisional Patent Application No. 61/107,951 filed in the United States Patent and Trademark Office on October 23, 2008, and U.S. Provisional Patent Application No. 61/116,078 filed in the United States Patent and Trademark Office on November 19, 2008, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuationin-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventor agrees hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion, to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as

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PATENT REEL: 022477 FRAME: 0187 shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventor hereby authorizes and requests the attorneys of record in said application to insert in this Assignment the filing date and serial number of said application when officially known.

Inventor agrees with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventor which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventor agrees to disclose or provide all Related Know-How to Assignee when discovered or upon request.

Inventor further covenants that Inventor will promptly provide to Assignee, upon its request, with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Inventor and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Inventor's rights in the above-mentioned invention or improvement and Related Know-How and any patent application(s) and Letters Patent thereon have not been previously assigned, mortgaged or otherwise encumbered, and Inventor has full right, power and authority to assign all such rights to Assignee hereunder.

As used herein, the terms "Inventor" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

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PATE

Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

DATED this30	_day of _	MARCH	,	2009.
	N	lichael D. Tocci, Ph	.D.	
STATE OF NEW MEXICO)			
COUNTY OF Bernalillo)	SS.		
This instrument was acknowledged by Michael D. Tocci, Ph.D	efore me	this 30 day of _	March	, 2009,
My commission expires:	_	Notar	y Public	
8-8-2011 SEAL				

 $\hbox{$G:$A-CLIENTS$\setminus$Contrast Optical$\setminus ASSIGN$\setminus ASSIG-Assignment $_$ Unknown.doc}$

RECORDED: 03/31/2009