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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA				
		Name	Execution Date	
Stephen W. Farrer			03/16/2009	
James Copland			03/06/2009	
Thomas D. Raymond			03/10/2009	
Wei Xiong			03/10/2009	
RECEIVING PARTY DATA				
Name:	AMO Wavefront Sciences LLC			
Street Address:	14820 Central Avenue SE			
City:	Albuquerque			
State/Country:	NEW MEXICO			
Postal Code:	87123			
PROPERTY NUMBERS Total: 1				
Property Type		Number		
Application Number: 12350		2350895		
CORRESPONDENCE DATA				
Fax Number:(714)247-8679Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:714-247-8890Email:heidi.ventura@amo.abbott.comCorrespondent Name:Abbott Medical Optics, Inc. Legal DepaAddress Line 1:1700 E. St. Andrew PlaceAddress Line 4:Santa Ana, CALIFORNIA 92705				
		WES 027		
ATTORNEY DOCKET	NUMBER:	WFS.027		
ATTORNEY DOCKET		WFS.027 Amanda Stenson		

REEL: 022423 FRAME: 0613

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ASSIGNMENT

WHEREAS, We, Stephen W. Farrer, a citizen of the United States, residing in Albuquerque, NM; James Copland, a citizen of the United States, residing in Albuquerque, NM; Thomas D. Raymond, a citizen of the United States, residing in Edgewood, NM and Wei Xiong, a citizen China (Peoples Republic), residing in Albuquerque, NM, (hereinafter referred to as "ASSIGNORS"), have invented certain new and useful improvements in an SYSTEMS AND METHODS FOR MEASURING SURFACE SHAPE for which we have filed an application for Letters Patent in the United States, Application No. 12/350, 895; Filed on 00108/09;

AND WHEREAS, AMO Wavefront Sciences LLC., (hereinafter "ASSIGNEE"), a New Mexico Corporation, with its principal place of business at 14820 Central Avenue SE, Albuquerque, NM 87123, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to, and under the said improvements, and the said patent application and all provisional applications relating thereto, and all divisionals, renewals, and continuations thereof, and all Letters Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assignees all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

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AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assignees, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assignees, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of March _____, 2009.

State of New Mexico

County of Bernalillo

On this 16th day of Marcu, 2008, before me, Savdya, C-Sawluez personally appeared <u>Stephen 10-Farrev</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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

WITNESS my hand and official seal.	OFFICIAL SEAL SANDRA C. SANCHEZ NOTARY FUBLIC STATE OF NEW MEXICO My Commission Expires DD 2010
IN TESTIMONY WHEREOF, I hereunto set my <u>March</u> , 2009. <u>R Jomes Copland</u>	hand and seal this day of
State of New Mexico	м
On this <u>day of May (14</u> , 2008, before personally appeared <u>awls (opland</u>) satisfactory evidence to be the person whose name is sub	Who proved to me on the basis of

acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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

WITNESS my hand and official seal.

Votary Public

OFFICIAL SEAL SANDRA C. SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO SEAL: My Commission Expires 5 10/2010

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>JD</u>th day of <u>March</u>, 2009.

Thomas D. Raymond

State of New Mexico County of Bernalillo

On this <u>1D</u>th day of <u>March</u>, 2008, before me, <u>Sandra</u> <u>C</u>-<u>Sanchoz</u> personally appeared <u>Homas D. Kaumond</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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

WITNESS my hand and official seal. OFFICIAL SEAL SANDRA C. SANCHEZ NOTARY PUBLIC STATE OF NEW MEXICO SEAL: My Commission Expires Public IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10^{4h} March , 2009. n X

Wei Xiond

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State of New Mexico

County of Bernalillo

On this <u>9</u>th day of <u>March</u>, 2008, before me, <u>Sandra C. Sandre</u> personally appeared <u>Wey Mong</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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

WITNESS my hand and official seal.

Notary Public

OFFICIAL SEAL SANDRA C. SANCHEZ NOTARY PUBLIC STATE OF NEW MERICO SEAL: 20)D 17 My Commission Expires

PATENT REEL: 022423 FRAME: 0618

RECORDED: 03/19/2009