

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>XIN HONG</td> <td>08/08/2013</td> </tr> <tr> <td>MUTLU KARAKELLE</td> <td>08/08/2013</td> </tr> <tr> <td>XIAOXIAO ZHANG</td> <td>08/02/2013</td> </tr> <tr> <td>ARTHUR BRADLEY</td> <td>07/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	XIN HONG	08/08/2013	MUTLU KARAKELLE	08/08/2013	XIAOXIAO ZHANG	08/02/2013	ARTHUR BRADLEY	07/15/2013
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<table border="1"> <tr> <td>Name:</td> <td>NOVARTIS AG</td> </tr> <tr> <td>Street Address:</td> <td>Lichtstrasse 35</td> </tr> <tr> <td>City:</td> <td>BASEL</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>4056</td> </tr> </table>		Name:	NOVARTIS AG	Street Address:	Lichtstrasse 35	City:	BASEL	State/Country:	SWITZERLAND	Postal Code:	4056
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 817-551-3063 Email: patent.docketing@alcon.com Correspondent Name: ALCON RESEARCH, LTD. Address Line 1: 6201 SOUTH FREEWAY Address Line 2: IP LEGAL, TB 4-8 Address Line 4: FORT WORTH, TEXAS 76134											
NAME OF SUBMITTER:	JONATHAN E. PREJEAN										
Signature:	/JONATHAN E. PREJEAN, REG. #52132/										
Date:	08/08/2013										

CH \$40.00 12522824

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, the undersigned, have invented certain new and useful improvements in the following:

ALTERNATING OPTICAL SYSTEM: MIXING AND MATCHING OPTICS TO MAXIMIZE BINOCULAR VISUAL BENEFITS

for which we have made application for United States Letters Patent.

WHEREAS, NOVARTIS AG, a Swiss corporation, having a place of business at Lichtstrasse 35, Basel, Switzerland 4056 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting there from, insofar as our interests are concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said



invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

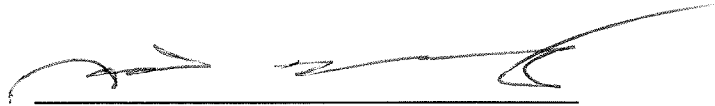
We further authorize and direct Alcon attorneys to insert below* the serial number and filing date of said application now identified as PAT903160-US-PCT as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 12/522824

Filing Date: July 10, 2009

This Assignment shall be effective as of January 11, 2007.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 8 day of August, 2013.



HONG, Xin
5009 Arbor Mill Drive
Fort Worth, TX 76135

ACKNOWLEDGMENT

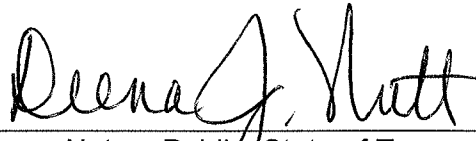
State of Texas
County of Tarrant

§
§

On this 8 day of August, 2013, before me, Deena J. Nutt,
Notary Public, personally appeared **Xin Hong**, 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.

WITNESS my hand and official seal:

Signature: _____



Notary Public, State of Texas



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 8 day of August, 2013.

Mutlu Karakelle

KARAKELLE, Mutlu
6713 Glen Meadow Drive
Fort Worth, TX 76132

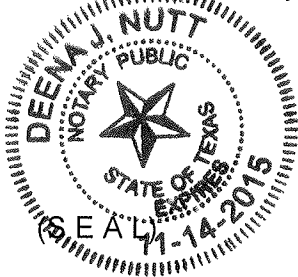
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State of Texas
County of Tarrant

§
§

On this 8 day of August, 2013, before me, Deena J. Nutt,
Notary Public, personally appeared **Mutlu Karakelle**, 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.

WITNESS my hand and official seal:



Signature: _____

Deena J. Nutt

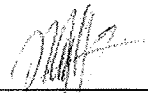
Notary Public, State of Texas

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2nd day of

August, 2013.



ZHANG, Xiaoxiao
5100 Alaire Drive
Fort Worth, Texas 76132



Witness:

MING YE

Printed Name:

Fort Worth, TX 76132

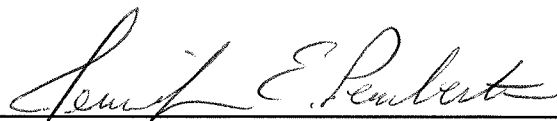
Address (City, State, Zip)

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 15th day of

July, 2013.



BRADLEY, Arthur
1735 Durham Drive
Bloomington, IN 47401



Witness:

Jennifer E. Pemberton

Printed Name:

800 E. Atwater Ave.

Address (City, State, Zip)

Bloomington, IN 47405