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EET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

6.27.03
Michael A. DellaVecchia, Larry Donoso,
Mikhail A. Vorontsov, Gary Carhart,
Leonid I. Beresnev and Matt Banta

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

November 22, 2002, November 23, 2002,
November 7, 2002, November 8, 2002,
Execution Date: November 8, 2002 and November 19, 2002, respectively

2. Name and address of receiving party(ies)

Name: Philadelphia Retina Endowment
Fund

Internal Address: _____

Street Address: 9601 Milnor Street

City: Philadelphia State: PA Zip: 19114

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): 10/011,187

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Frank M. Linguiti, Esquire

Internal Address: Customer No. 03000

Caesar, Rivise, Bernstein, Cohen
& Pokotilow, Ltd.
12th Floor - Seven Penn Center

1635 Market Street

Street Address: _____

City: Philadelphia State: PA Zip: 19103-2212

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ _____

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

(See attached Fee Transmittal)

DO NOT USE THIS SPACE

9. Signature.

Frank M. Linguiti, Esquire

Name of Person Signing

Frank M. Linguiti
Signature

6/24/03
Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:

06/30/2003 LMUELLER 00000091 030075

10011187

Commissioner of Patents and Trademarks, Mail Stop Assignment Recordation Services

P.O. Box 1450, Alexandria, VA 22313-1450

01 FC:8021

40.00 DA

PATENT
REEL: 014213 FRAME: 0672

ASSIGNMENT OF INVENTION

WHEREAS, We, MICHAEL A. DELLAVECCHIA, LARRY DONOSO, MIKHAIL A. VORONTSOV, GARY ~~CATHCART~~ ^{CARHART}, LEONID I. BERESNEV, and MATT BANTA, residing in the City of Berwyn, County of Chester, Commonwealth of Pennsylvania; City of Philadelphia, County of Philadelphia, Commonwealth of Pennsylvania; City of Laurel, County of Howard, State of Maryland; City of Elkton, County of Cecil, State of Maryland, City of Columbia, County of Howard, State of Maryland, and City of Baltimore, County of Baltimore, State of Maryland, respectively, have made a certain new and useful invention in a HIGH-RESOLUTION RETINA IMAGING AND EYE ABERRATION DIAGNOSTICS USING STOCHASTIC PARALLEL PERTURBATION GRADIENT DESCENT OPTIMIZATION ADAPTIVE OPTICS and have filed an application for Letters Patent of the United States based thereon on June 7, 2002, and assigned Application Serial No. 10/164,982;

WHEREAS, we, MICHAEL A. DELLAVECCHIA, LARRY DONOSO, MIKHAIL A. VORONTSOV, GARY ~~CATHCART~~ ^{CARHART}, LEONID I. BERESNEV, and MATT BANTA are employees or contractors of PHILADELPHIA RETINA ENDOWMENT FUND;

WHEREAS, PHILADELPHIA RETINA ENDOWMENT FUND, a corporation organized and existing under the laws of the Commonwealth of Pennsylvania and having an office and place of business at 9601 Milnor Street, Philadelphia, Pennsylvania 19114, is desirous of acquiring the entire right, title and interest in and to the invention and all improvements thereon which may be made, conceived or acquired by us during the course of our association with PHILADELPHIA RETINA ENDOWMENT FUND aforesaid and for one year thereafter, in and throughout the United States, its territories and all countries

foreign thereto, and in and to said application for Letters Patent and in and to any and all Letters Patent of the United States and all countries foreign thereto which have been granted or may be granted on said invention or any part thereof, or any improvements thereon.

NOW, THEREFORE, IN CONSIDERATION of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged,

We, MICHAEL A. DELLAVECCHIA, LARRY DONOSO, MIKHAIL A. VORONTSOV, GARY ~~CATHCART~~ ^{CARHART}, LEONIDI I. BERESNEV, and MATT BANTA, by these presents do hereby sell, assign and transfer unto the said PHILADELPHIA RETINA ENDOWMENT FUND our entire right, title and interest in and throughout the United States, its territories and all countries foreign thereto in and to said invention and any improvements thereon which may be made, conceived or acquired by us during the course of our association with the said PHILADELPHIA RETINA ENDOWMENT FUND, and for one year thereafter, in and to said application for Letters Patent and any and all Letters Patent and extensions thereof, of the United States and countries foreign thereto which have been or may be granted on said invention or any part thereof, or improvements thereon or on said application, or any divisional, continuing, renewal, reissue, or other application and all international priority rights associated therewith, based in whole or in part thereon, or based upon said invention, or any improvements thereon;

TO BE HELD AND ENJOYED by the said PHILADELPHIA RETINA ENDOWMENT FUND, and its legal representatives and assigns to the full ends of the terms for which said Letters Patent, or any of them, have granted as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said

interest been made; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent which may be granted upon the said application above referred to, or any of them, or upon said invention or any part thereof, or upon any improvements thereon which may be made, conceived or acquired by us during the course of our association with the same company and for one year thereafter, to PHILADELPHIA RETINA ENDOWMENT FUND, and we hereby agree for ourselves, our heirs, executors and administrators, to execute without further consideration, any further legal documents and any further assignments and any releases, reissues, renewals or other application for Letters Patent that may be deemed necessary by the Assignees herein named, fully to secure to the said Assignees their interest as aforesaid in and to said invention or any part thereof or any improvements thereon, and in and to said several Letters Patent, or any of them.

We do hereby covenant for ourselves and our legal representatives, and agree with PHILADELPHIA RETINA ENDOWMENT FUND, and its legal representatives, that we have granted no license to make or sell the said invention, that prior to the execution of this deed our right, title and interest in the said invention has not been encumbered, that we then had good right and title in and to the invention and that we have not executed and will not execute any instrument in conflict therewith.

IN WITNESS WHEREOF, I, MICHAEL A. DELLAVECCHIA, has hereunto affixed my hand and seal this 22nd day of November, 2002.

 (SEAL)
Michael A. DellaVecchia

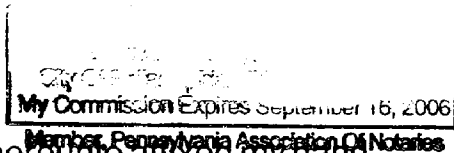
STATE OF PA
COUNTY OF Philadelphia

SS:

Before me personally appeared said MICHAEL A. DELLAVECCHIA and
acknowledged the foregoing instrument to be his free act and deed this 22 day of
November, 2002.



Notary Public
My Commission Expires:



IN WITNESS WHEREOF, I, LARRY DONOSO, has hereunto affixed my hand
and seal this 23 day of November, 2002.



Larry Donoso

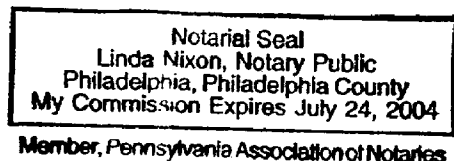
STATE OF Pa
COUNTY OF Phila

SS:

Before me personally appeared said LARRY DONOSO and acknowledged
the foregoing instrument to be his free act and deed this 23 day of
November, 2002.



Notary Public
My Commission Expires: July 24 2004

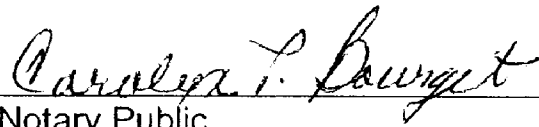


IN WITNESS WHEREOF, I, MIKHAIL A. VORONSTOV, has hereunto affixed
my hand and seal this 7 day of November, 2002.

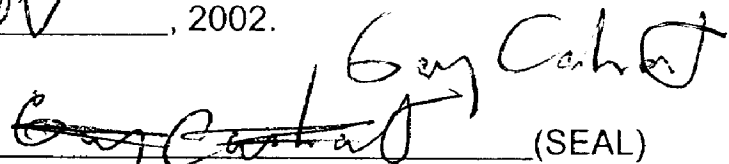
 (SEAL)
Mikhail A. Voronstov

STATE OF :
COUNTY OF : SS:

Before me personally appeared said MIKHAIL A. VORONSTOV and
acknowledged the foregoing instrument to be his free act and deed this 7 day of
November, 2002

 (SEAL)
Notary Public
My Commission Expires: November 1, 2003

CARHART
IN WITNESS WHEREOF, I GARY CATHCART, has hereunto affixed
my hand and seal this 8 day of NOV, 2002.

 (SEAL)
Gary Cathcart
CARHART

STATE OF Maryland :
COUNTY OF Montgomery : SS:
CARHART

Before me personally appeared said GARY CATHCART and acknowledged

the foregoing instrument to be his free act and deed this 8th day of November, 2002.

Rhonda Stone (SEAL)
Notary Public

My Commission Expires: **RHONDA STONE**
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2004

IN WITNESS WHEREOF, I, LEONID I. BERESNEV, has hereunto affixed
my hand and seal this 8 day of November, 2002.

[Signature] (SEAL)
Leonid I. Beresnev

STATE OF Maryland
COUNTY OF Montgomery

:
:
SS:
:

Before me personally appeared said LEONID I. BERESNEV and
acknowledged the foregoing instrument to be his free act and deed this 8th day of
November, 2002.

Rhonda Stone (SEAL)
Notary Public
My Commission Expires:

RHONDA STONE
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2004

IN WITNESS WHEREOF, I, MATT BANTA, has hereunto affixed my hand and
seal this 19 day of November, 2002.

[Signature] (SEAL)
Matt Banta