

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>Todd BLALOCK</td> <td>11/19/2010</td> </tr> <tr> <td>Filipp IGNATOVICH</td> <td>11/19/2010</td> </tr> <tr> <td>Christopher T. Cotton</td> <td>11/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	Todd BLALOCK	11/19/2010	Filipp IGNATOVICH	11/19/2010	Christopher T. Cotton	11/19/2010
Name	Execution Date								
Todd BLALOCK	11/19/2010								
Filipp IGNATOVICH	11/19/2010								
Christopher T. Cotton	11/19/2010								
RECEIVING PARTY DATA									
Name:	LUMETRICS, INC.								
Street Address:	150 LUCIUS GORDON DRIVE								
City:	WEST HENRIETTA								
State/Country:	NEW YORK								
Postal Code:	14586								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2010059000</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2010059000				
Property Type	Number								
PCT Number:	US2010059000								
CORRESPONDENCE DATA									
Fax Number:	(585)346-2135								
Phone:	585-346-3783								
Email:	jmhammond@patent-innovations.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	PATENT INNOVATIONS LLC								
Address Line 1:	150 LUCIUS GORDON DRIVE								
Address Line 2:	SUITE 205								
Address Line 4:	WEST HENRIETTA, NEW YORK 14586								
ATTORNEY DOCKET NUMBER:	LUM111								
NAME OF SUBMITTER:	John M. Hammond								
Total Attachments: 6									

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Applicants: **Blalock et al.**
Serial or Patent No.: **61/266,564**
Title: **PORTABLE FUNDUS CAMERA**

Docket No.: **LUM105**
Filed: **December 4, 2009**

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

Todd Blalock; presently residing at **56 Willowhurst Drive, Penfield NY 14526**;
Filipp Ignatovich; presently residing at **32 Winterset Drive, Rochester NY 14625**;
David M. Kleinman; presently residing at **56 Irvington Road, Rochester NY 14620**;
Christopher T. Cotton; presently residing at **21 Old Brook Trail, Honeoye Falls NY 14472**;

have invented a **PORTABLE FUNDUS CAMERA** ("The Invention") for which an application for Letters Patent of the United States has been filed as indicated above; and

WHEREAS, **Lumetrics, Inc.** with offices at **150 Lucius Gordon Drive, West Henrietta NY 14586** is desirous of obtaining the entire right, title and interest in, to and under The Invention and the said application.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said

Todd Blalock, Philipp Ignatovich, David M. Kleinman, and Christopher T. Cotton

have sold, assigned, transferred, conveyed and set over, and by these presents do hereby sell, assign, transfer, convey and set over, unto the said

Lumetrics, Inc.

its successors, legal representatives and assigns, the entire right, title and interest in, to and under The Invention, and the said application and all non-provisionals, divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for The Invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for The Invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals as of the 19th day of November, 2010.

Todd Blalock

Todd Blalock

Filipp Ignatovich

David M. Kleinman

Christopher T. Cotton

STATE OF NEW YORK
COUNTY OF Monroe : ss.:

JACQUELINE A. SPIRO
Notary Public, State of New York
No. 01SP6018631
Qualified in Westchester County
Commission Expires January 11, 2011

On this 19th day of November, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Todd Blalock**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Jacqueline A. Spiro
Notary Public

STATE OF NEW YORK
COUNTY OF _____ : ss.:

On this _____ day of _____, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Filipp Ignatovich**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Notary Public

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals as of the 19th day of November, 2010.

Todd Blalock

Filipp Ignatovich
Filipp Ignatovich

David M. Kleinman

Christopher T. Cotton

STATE OF NEW YORK
COUNTY OF Monroe : ss.:

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Notary Public

STATE OF NEW YORK
COUNTY OF Monroe : ss.:

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Notary Public, State of New York
No. 01SP6018631
Qualified in Westchester County
Commission Expires January 11, 2011

On this 19th day of November, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Filipp Ignatovich**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

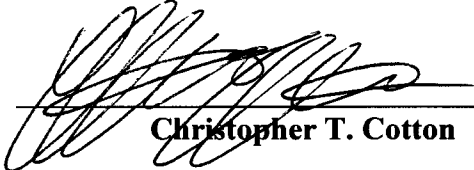
Jacqueline A. Spiro
Notary Public

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals as of the _____ day of _____, 2010.

Todd Blalock

Filipp Ignatovich

David M. Kleinman



Christopher T. Cotton

STATE OF NEW YORK
COUNTY OF _____ : ss.:

On this _____ day of _____, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Todd Blalock**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Notary Public

STATE OF NEW YORK
COUNTY OF _____ : ss.:

On this _____ day of _____, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Filipp Ignatovich**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Notary Public

STATE OF NEW YORK
COUNTY OF _____ : ss.:

On this _____ day of _____, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **David M. Kleinman**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Notary Public

STATE OF NEW YORK
COUNTY OF Monroe : ss.:

On this 19 day of November, 2010, before me, a Notary Public in and for the State and County aforesaid, personally appeared **Christopher T. Cotton**, to me known to be the person of that name, who signed and sealed the foregoing instrument and he acknowledges the same to be his free act and deed.

Notary Public

AMY A. PANERINTO
NOTARY PUBLIC, State of New York
Reg. No. 02PA4923797
Qualified in Monroe County
Commission Expires Feb. 22, 2014

(19) World Intellectual Property Organization
International Bureau



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A61B 3/14 (2006.01)

(74) Agent: **HAMMOND, John, M.**; Patent Innovations LLC, 150 Lucius Gordon Drive, Suite 205, West Henrietta, NY 14586 (US).

(21) International Application Number:
PCT/US2010/059000

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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61/266,564 4 December 2009 (04.12.2009) US

(71) Applicant (for all designated States except US): **LU-METRICS, INC.** [US/US]; 150 Lucius Gordon Drive, Suite 117, West Henrietta, NY 14586 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventor; and

(71) Applicant : **KLEINMAN, David, M.** [US/US]; 56 Irvington Road, Rochester, NY 14620 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BLALOCK, Todd** [US/US]; 58 Willowhurst Drive, Penfield, NY 14526 (US). **IGNATOVICH, Filipp, V.** [US/US]; 32 Winterset Drive, Rochester, NY 14625 (US). **COTTON, Christopher, T.** [US/US]; 21 Old Brook Trail, Honeoye Falls, NY 14472 (US).

Published:

— with international search report (Art. 21(3))

(54) Title: PORTABLE FUNDUS CAMERA

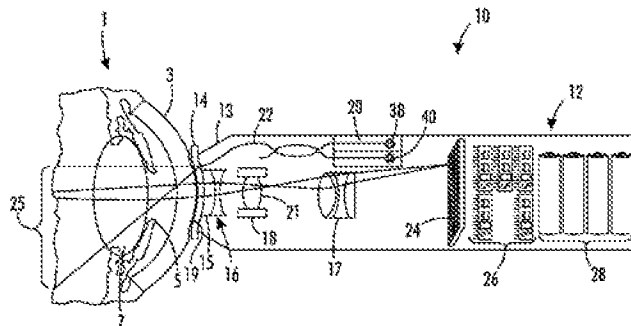


FIG. 1A

(57) Abstract: A portable hand-held camera for imaging the fundus of an eye, the camera comprising a housing comprising an internal cavity terminating at a forward housing end, a forward lens, and a light source configured to direct light from locations distributed around the perimeter of the forward lens forwardly out of the housing end. In other embodiment, a portable hand-held camera for imaging the fundus of an eye includes optics configured to focus light reflected back from the fundus onto an image receptor, with the optics being capable of varying the field of view among differing portions of the fundus. Methods to ensure unique image identification and storage are described.

PATENT

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