PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6476788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUSSELL HUDYMA	11/03/2016
MICHAEL THOMAS	11/03/2016
IAN WALLHEAD	10/28/2016
ARASH GHORBANI	11/03/2016

RECEIVING PARTY DATA

Name:	HYPERION DEVELOPMENT, LLC	
Street Address:	et Address: 2420 CAMINO RAMON, STE. 230	
City:	SAN RAMON	
State/Country:	CALIFORNIA	
Postal Code:	94583	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16920951

CORRESPONDENCE DATA

Fax Number: (415)449-6928

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 415-203-2782

Email: andy@sfbayareapatents.com SF BAY AREA PATENTS, LLC **Correspondent Name:**

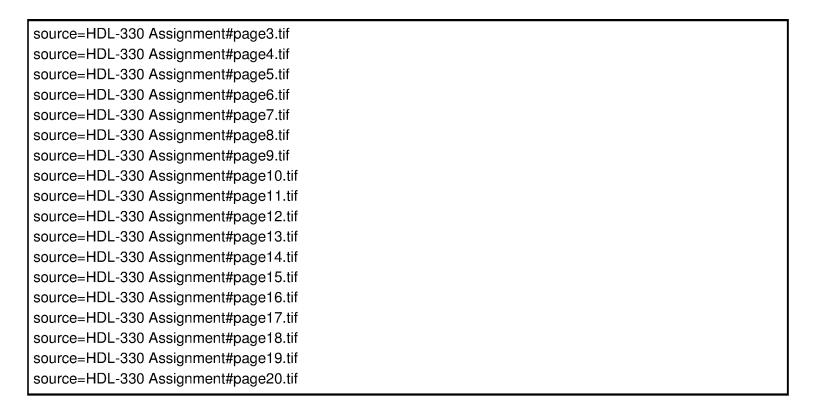
Address Line 1: 805 WATSON CANYON COURT, #265 Address Line 2: ATTN: ANDREW V. SMITH, PH.D. Address Line 4: SAN RAMON, CALIFORNIA 94582

ATTORNEY DOCKET NUMBER:	HDL-332-DIV-CON
NAME OF SUBMITTER:	ANDREW V. SMITH, REG. NO. 43,132
SIGNATURE:	/Andrew Vernon Smith/
DATE SIGNED:	01/01/2021

Total Attachments: 20

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> **PATENT REEL: 054789 FRAME: 0308** 506430021



PATENT REEL: 054789 FRAME: 0309

ASSIGNMENT

WHEREAS Russell Hudyma, Michael Thomas, Ian Wallhead, Arash Ghorbani made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled:

OPTICAL ASSEMBLY FOR A COMPACT WIDE FIELD OF VIEW DIGITAL CAMERA WITH LOW FIRST LENS DIAMETER TO IMAGE DIAGONAL RATIO

	filed herewith			
\boxtimes	filed as U.S. Serial No.	14/932,717	_on	November 4, 2015
	as PCT Serial No.		on	
	issued as U.S. Patent No.		on	

WHEREAS, Hyperion Development, LLC, a Colorado corporation, having a place of business at 2420 Camino Ramon, Ste. 230, San Ramon, CA 94583, U.S., and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, effective as of the date this document is executed, hereby, without reservation;

- 1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

Atty. Docket: HDL-330 Serial No. 14/932,717

Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low First Lens Diameter to Image Diagonal Ratio

- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.
 - 6. Assignors hereby authorize the Assistant Commissioner for Patent to record this Agreement.

IN WITNESS WHEREOF

Date:11/03/16	Rusell V
	Russell Hudyma
Acknowledgment	
State of California County of	
On before me, (insert	name and title of the officer)
personally appeared who proved to me on the basis of satisfactory evidence subscribed to the within instrument and acknowledged his/her/their authorized capacity(ies), and that by his/he person(s), or the entity upon behalf of which the person	to me that he/she/they executed the same in or/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the law paragraph is true and correct.	ys of the State of California that the foregoing
WITNESS my hand and official seal.	
Signature(Seal)	

Atty. Docket: HDL-330 Fitle of the Invention: Op First Lens Diameter to Ir	ptical Assembly for a Compact Wide Field mage Diagonal Ratio	Serial No. 14/932,717 d of View Digital Camera with Low
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Date:		
	Michael 7	Thomas
Acknowledgment		
State ofCounty of		
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I certify under PENALTY (paragraph is true and correct	OF PERJURY under the laws of the State of Massact.	chusetts that the foregoing
WITNESS my hand and off	icial seal.	
Signature	(Seal)	

Atty. Docket: HDL-330 Fitle of the Invention: Optical First Lens Diameter to Image 1	Assembly for a Compact Wide Field of View Digita Diagonal Ratio	Serial No. 14/932,717 Il Camera with Low
N WITNESS WHEREOF		
Date:		
	Ian Wallhead	
Acknowledgment		
State ofCounty of	_ - -	
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I certify under PENALTY OF PER paragraph is true and correct.	RJURY under the laws of the State/Country of	_that the foregoing
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Signature	(Seal)	

		Serial No. 14/932,717 Compact Wide Field of View Digital Camera with Low
IN WITNESS WHER	EOF	
Date:		
		Arash Ghorbani
Acknowledgment		
State of		
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Signature	(Seal)	

ASSIGNMENT

WHEREAS Russell Hudyma, Michael Thomas, Ian Wallhead, Arash Ghorbani made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled:

OPTICAL ASSEMBLY FOR A COMPACT WIDE FIELD OF VIEW DIGITAL CAMERA WITH LOW FIRST LENS DIAMETER TO IMAGE DIAGONAL RATIO

	filed herewith			
\boxtimes	filed as U.S. Serial No.	14/932,717	_on	November 4, 2015
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NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, effective as of the date this document is executed, hereby, without reservation;

- 1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

Atty. Docket: HDL-330 Serial No. 14/932,717

Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low First Lens Diameter to Image Diagonal Ratio

- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.
 - 6. Assignors hereby authorize the Assistant Commissioner for Patent to record this Agreement.

IN WITNESS WHEREOF	
Date:	
	Russell Hudyma
Acknowledgment	
State of California County of	
On bei	fore me, (insert name and title of the officer)
subscribed to the within instrument an his/her/their authorized capacity(ies), a	factory evidence to be the person(s) whose name(s) is/are d acknowledged to me that he/she/they executed the same in and that by his/her/their signature(s) on the instrument the which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJU- paragraph is true and correct.	RY under the laws of the State of California that the foregoing
WITNESS my hand and official seal.	
Signature	(Seal)

Atty. Docket: HDL-330 Serial No. 14/932,717 Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low First Lens Diameter to Image Diagonal Ratio

Michael Thomas

IN WITNESS WHEREOF

Date:	11/03/16	M.L.	/homas
		 / here	

Atty. Docket: HDL-330 Fitle of the Invention: Optical Assem First Lens Diameter to Image Diagor	ably for a Compact Wide Field of View Digita nal Ratio	Serial No. 14/932,717 al Camera with Low
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Date:		
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Acknowledgment		
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WITNESS my hand and official seal.		
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Atty. Docket: HDL-330 Fitle of the Invention: Opti First Lens Diameter to Ima	Serial No. 14/932, al Assembly for a Compact Wide Field of View Digital Camera with Low to Diagonal Ratio	
N WITNESS WHEREOF		
Date:		
	Arash Ghorbani	
Acknowledgment		
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On	before me, (insert name and title of the officer)	
subscribed to the within instruhis/her/their authorized capaci	of satisfactory evidence to be the person(s) whose name(s) is/are then and acknowledged to me that he/she/they executed the same in tries), and that by his/her/their signature(s) on the instrument the half of which the person(s) acted, executed the instrument.	
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	filed herewith			
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	as PCT Serial No.	***************************************	on	
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Page 1 of 5

Atty, Docket: HDL-330 Serial No. 14/932,717
Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low
First Lens Diameter to Image Diagonal Ratio

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IN WITNESS WE	IEREOF	
Date:		
	Russell Hudyma	
Acknowledgn	nent	······································
State of California County of		
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I certify under PEN paragraph is true an	ALTY OF PERHARY under the laws of the State of California that the foregoing id correct.	
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Signature	(Scal)	

	Serial No. 14/932,717 in: Optical Assembly for a Compact Wide Field of View Digital Camera with Low to Image Diagonal Ratio
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Date:	
	Michael Thomas
Acknowledgme	nt
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On	before me, (insert name and title of the officer)
personally appeared who proved to me on subscribed to the will his/her/their authoriz	the basis of satisfactory evidence to be the person(s) whose name(s) is/are in instrument and acknowledged to me that he/she/they executed the same in sed capacity(ies), and that by his/her/their signature(s) on the instrument the y upon behalf of which the person(s) acted, executed the instrument.
I certify under PENA paragraph is true and	LTY OF PERJURY under the laws of the State of Massachusetts that the foregoing correct.
WITNESS my hand	nd official seal.
Signature	(Seal)

Atty. Docket: HDL-330 Serial No. 14/932,717
Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low
First Lens Diameter to Image Diagonal Ratio

IN WITNESS WHEREOF

Date:	10/28/2016	Mhallhead
		Ion Wallhaad

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	(insert name and title of the officer)	
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I certify under PENAI paragraph is true and o	TY OF PERJURY under the laws of the State/Country of zorrect.	that the foregoing
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Signature	(Seal)	

	330 Serial No. 14/932,713 on: Optical Assembly for a Compact Wide Field of View Digital Camera with Low or to Image Diagonal Ratio
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Date:	
	Arash Ghorbani
Acknowledgm	
State of	
On	before me, (insert name and title of the officer)
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WITNESS my hand	and official scal.
Signature	(Scal)

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OPTICAL ASSEMBLY FOR A COMPACT WIDE FIELD OF VIEW DIGITAL CAMERA WITH LOW FIRST LENS DIAMETER TO IMAGE DIAGONAL RATIO

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Atty. Docket: HDL-330 Serial No. 14/932,717

Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital Camera with Low First Lens Diameter to Image Diagonal Ratio

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IN WITNESS WHEREOF		
Date:		
	Russell Hudyma	
Acknowledgment		
State of California County of		
On	before me, (insert name and title of the officer)	
subscribed to the within instrumhis/her/their authorized capacity	of satisfactory evidence to be the person(s) whose name(s) is/are ment and acknowledged to me that he/she/they executed the same in ty(ies), and that by his/her/their signature(s) on the instrument the chalf of which the person(s) acted, executed the instrument.	
I certify under PENALTY OF I paragraph is true and correct.	PERJURY under the laws of the State of California that the foregoin	g
WITNESS my hand and officia	al seal.	
Signature	(Seal)	

Atty. Docket: HDL-330 Fitle of the Invention: Optica First Lens Diameter to Image	Serial No. 14/932,717 al Assembly for a Compact Wide Field of View Digital Camera with Low Diagonal Ratio
N WITNESS WHEREOF	
Date:	
	Michael Thomas
Acknowledgment	
State ofCounty of	
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WITNESS my hand and official	seal.
Signature	(Seal)

Atty. Docket: HDL-330 Fitle of the Invention: Optical First Lens Diameter to Image 1	Assembly for a Compact Wide Field of View Digita Diagonal Ratio	Serial No. 14/932,717 Il Camera with Low
N WITNESS WHEREOF		
Date:		
	Ian Wallhead	
Acknowledgment		
State ofCounty of	_ - -	
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Signature	(Seal)	

Atty. Docket: HDL-330 Title of the Invention: Optical Assembly for a Compact Wide Field of View Digital First Lens Diameter to Image Diagonal Ratio	Serial No. 14/932,717 Camera with Low
IN WITNESS WHEREOF	
Date: 11/3/2016	
Arash Ghorbani	
Acknowledgment	
State of County of	
On before me, (insert name and title of the officer)	
personally appeared	2