

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6476788

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RUSSELL HUDYMA	11/03/2016
MICHAEL THOMAS	11/03/2016
IAN WALLHEAD	10/28/2016
ARASH GHORBANI	11/03/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HYPERION DEVELOPMENT, LLC
<b>Street Address:</b>	2420 CAMINO RAMON, STE. 230
<b>City:</b>	SAN RAMON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94583
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16920951
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)449-6928
<i>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.</i>	
<b>Phone:</b>	415-203-2782
<b>Email:</b>	andy@sfbayareapatents.com
<b>Correspondent Name:</b>	SF BAY AREA PATENTS, LLC
<b>Address Line 1:</b>	805 WATSON CANYON COURT, #265
<b>Address Line 2:</b>	ATTN: ANDREW V. SMITH, PH.D.
<b>Address Line 4:</b>	SAN RAMON, CALIFORNIA 94582
<b>ATTORNEY DOCKET NUMBER:</b>	HDL-332-DIV-CON
<b>NAME OF SUBMITTER:</b>	ANDREW V. SMITH, REG. NO. 43,132
<b>SIGNATURE:</b>	/Andrew Vernon Smith/
<b>DATE SIGNED:</b>	01/01/2021
<b>Total Attachments: 20</b>	
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**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**

<input type="checkbox"/>	filed herewith			
<input checked="" type="checkbox"/>	filed as U.S. Serial No.	14/932,717	on	November 4, 2015
<input type="checkbox"/>	as PCT Serial No.		on	
<input type="checkbox"/>	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;


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

  
\_\_\_\_\_  
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 to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
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person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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: \_\_\_\_\_

\_\_\_\_\_  
Michael Thomas

### Acknowledgment

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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: \_\_\_\_\_

\_\_\_\_\_  
Ian Wallhead

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IN WITNESS WHEREOF

Date: \_\_\_\_\_

\_\_\_\_\_  
Arash Ghorbani

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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

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County of \_\_\_\_\_

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WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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: 11/03/16



Michael Thomas

### Acknowledgment

State of \_\_\_\_\_

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IN WITNESS WHEREOF

Date: \_\_\_\_\_

\_\_\_\_\_  
Ian Wallhead

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IN WITNESS WHEREOF

Date: \_\_\_\_\_

\_\_\_\_\_  
Arash Ghorbani

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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.

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IN WITNESS WHEREOF

Date: \_\_\_\_\_

\_\_\_\_\_  
Russell Hudyma

#### Acknowledgment

State of California

County of \_\_\_\_\_

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(insert name and title of the officer)

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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

IN WITNESS WHEREOF

Date: \_\_\_\_\_

\_\_\_\_\_  
Michael Thomas

**Acknowledgment**

State of \_\_\_\_\_  
County of \_\_\_\_\_

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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

IN WITNESS WHEREOF

Date: 10/28/2016

  
\_\_\_\_\_  
Ian Wallhead

**Acknowledgment**

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County of \_\_\_\_\_

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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;

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 \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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: \_\_\_\_\_

\_\_\_\_\_  
Michael Thomas

### Acknowledgment

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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: \_\_\_\_\_

\_\_\_\_\_  
Ian Wallhead

### Acknowledgment

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State/Country of \_\_\_\_\_ that the foregoing  
paragraph is true and correct.

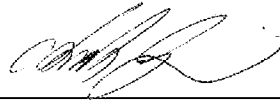
WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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: 11/3/2016



Arash Ghorbani

### Acknowledgment

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)