

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6041285

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the MISSING FIFTH ASSIGNOR previously recorded on Reel 048617 Frame 0631. Assignor(s) hereby confirms the SUMIT CHAWLA WAS OMITTED FROM ORIGINAL RECORDATION.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL MOBBS	02/10/2014
SCOTT PATRICK CAMPBELL	02/10/2014
DAVID A. NEWMAN	02/11/2014
KASTURI RANGAM	02/10/2014
SUMIT CHAWLA	02/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOPRO, INC.
<b>Street Address:</b>	3000 CLEARVIEW WAY
<b>City:</b>	SAN MATEO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94402
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16202408
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)649-3338
<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>	(248) 649-3333
<b>Email:</b>	docketing@youngbasile.com
<b>Correspondent Name:</b>	YOUNG BASILE HANLON & MACFARLANE, P.C.
<b>Address Line 1:</b>	3001 WEST BIG BEAVER RD.
<b>Address Line 2:</b>	SUITE 624
<b>Address Line 4:</b>	TROY, MICHIGAN 48084
<b>ATTORNEY DOCKET NUMBER:</b>	GPRO2-106-F
<b>NAME OF SUBMITTER:</b>	ANDREW R. BASILE, JR.
<b>SIGNATURE:</b>	/Andrew R. Basile, Jr./
<b>DATE SIGNED:</b>	04/01/2020

PATENT

**Total Attachments: 7**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5425365

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL MOBBS	02/10/2014
SCOTT PATRICK CAMPBELL	02/20/2014
DAVID A. NEWMAN	02/11/2014
KASTURI RANGAM	02/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOPRO, INC.
<b>Street Address:</b>	3000 CLEARVIEW WAY
<b>Internal Address:</b>	BLDG. E
<b>City:</b>	SAN MATEO,
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94402
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16202408
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)649-3338
<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>	248-649-3333
<b>Email:</b>	docketing@youngbasile.com
<b>Correspondent Name:</b>	YOUNG BASILE HANLON & MACFARLANE, P.C.
<b>Address Line 1:</b>	3001 WEST BIG BEAVER ROAD
<b>Address Line 2:</b>	SUITE 624
<b>Address Line 4:</b>	TROY, MICHIGAN 48084
<b>ATTORNEY DOCKET NUMBER:</b>	GPRO2-106-F
<b>NAME OF SUBMITTER:</b>	ANDREW R. BASILE, JR.
<b>SIGNATURE:</b>	/Andrew R. Basile, Jr./
<b>DATE SIGNED:</b>	03/16/2019
<b>Total Attachments: 4</b>	



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 19, 2019

PTAS

YOUNG BASILE HANLON & MACFARLANE, P.C.  
3001 WEST BIG BEAVER ROAD  
SUITE 624  
TROY, MI 48084

**505378572**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/16/2019

REEL/FRAME: 048617/0631  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: GPRO2-106-F

ASSIGNOR:

MOBBS, PAUL

DOC DATE: 02/10/2014

ASSIGNOR:

CAMPBELL, SCOTT PATRICK

DOC DATE: 02/20/2014

ASSIGNOR:

NEWMAN, DAVID A.

DOC DATE: 02/11/2014

ASSIGNOR:

RANGAM, KASTURI

DOC DATE: 02/10/2014

ASSIGNEE:

GOPRO, INC.  
3000 CLEARVIEW WAY  
BLDG. E  
SAN MATEO,, CALIFORNIA 94402

APPLICATION NUMBER: 16202408

FILING DATE: 11/28/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR FRAME CAPTURING AND PROCESSING

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **GoPro, Inc.**, a Delaware corporation, having a place of business at **3000 Clearview Way, Bldg. E, San Mateo, CA 94402** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 14/189,967, entitled "**Frame Manipulation To Reduce Rolling Shutter Artifacts**," filed on February 25, 2014, which claims priority from a provisional application, filed on October 21, 2013, now bearing U.S. Application No. 61/893,805.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: Frame Manipulation To Reduce Rolling Shutter Artifacts  
Filed: February 25, 2014  
Application No.: 14/189,967

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hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

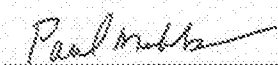
INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

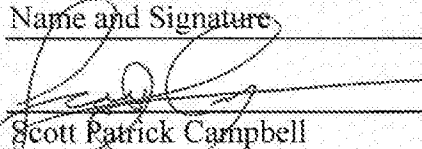
By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature \_\_\_\_\_  
  
Paul Mobbs

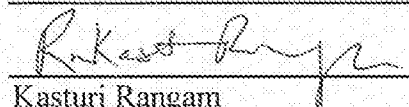
Date of Signature \_\_\_\_\_  
2/10/14

Name and Signature \_\_\_\_\_  
  
Scott Patrick Campbell

Date of Signature \_\_\_\_\_  
10 Feb 2014

Name and Signature \_\_\_\_\_  
David A. Newman

Date of Signature \_\_\_\_\_

Name and Signature \_\_\_\_\_  
  
Kasturi Rangam

Date of Signature \_\_\_\_\_  
February 10, 2014

Title: Frame Manipulation To Reduce Rolling Shutter Artifacts  
Filed: February 25, 2014  
Application No.: 14/189,967

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hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

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- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

Paul Mobbs


Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

Scott Patrick Campbell

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_



2/11/2014

David A. Newman

Name and Signature \_\_\_\_\_

Date of Signature \_\_\_\_\_

Kasturi Rangam



Title: Frame Manipulation To Reduce Rolling Shutter Artifacts  
Filed: February 25 ,2014  
Application No.: 14/189,967

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Name and Signature



Sumit Chawla

Date of Signature

10 Feb 2014