504855996 04/06/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4902735

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
SHU XU	04/15/2014
MARIUS GABRIEL IVAN	12/17/2014
CRAIG ALLEN BREEN	09/12/2013
RIFAT ATA MUSTAFA HIKMET	06/09/2013

## **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.	
Street Address:	HIGH TECH CAMPUS 5	
City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	
Name:	QD VISION, INC.	
Street Address:	29 HARTWELL AVENUE	
City:	LEXINGTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02421	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15339528	

## **CORRESPONDENCE DATA**

Fax Number: (650)472-0644

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: 6504720644

Email: paralegal.maxval@maxval.com

**Correspondent Name:** CONVERGENCE INTELLECTUAL PROPERTY LAW P.C

2251 GRANT RD. SUITE G Address Line 1: Address Line 4: LOS ALTOS, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER: LUMI-0158US **RANJINE** NAME OF SUBMITTER:

**PATENT** REEL: 045457 FRAME: 0207 504855996

SIGNATURE:	/Ranjine/	
DATE SIGNED:	04/06/2018	
Total Attachments: 6		
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PATENT REEL: 045457 FRAME: 0208

#### 503952159 08/09/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3998815

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
SHU XU	04/15/2014
MARIUS GABRIEL IVAN	12/17/2014
RIFAT ATA MUSTAFA HIKMET	06/09/2013
CRAIG ALAN BREEN	09/12/2013

## **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.	
Street Address:	HIGH TECH CAMPUS 5	
City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656 AE	
Name:	QD VISION, INC.	
Street Address:	29 HARTWELL AVENUE	
City:	LEXINGTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02421	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14419579	

## **CORRESPONDENCE DATA**

Fax Number: (650)396-5550

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: 650-965-8005

Email: us-ip@patentlawgroup.com PATENT LAW GROUP LLP **Correspondent Name:** 

P.O. BOX 61839, 209 E. JAVA DRIVE Address Line 1: Address Line 4: SUNNYVALE, CALIFORNIA 94088

ATTORNEY DOCKET NUMBER:	2012P00218WOUS
NAME OF SUBMITTER:	RACHEL V. LEITERMAN

**PATENT** REEL: 049483 FRAME: 0220 503952159

SIGNATURE: /Rachel V Leiterman/		
<b>DATE SIGNED:</b> 08/09/2016		
Total Attachments: 4		
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source=2012P00218WOUS_Assignment#page4.tif		

PATENT REEL: 049487 FRAME: 0220 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of business at Hig business at 29 Hartwell Av	h Tech Campus 5,5656 / enue, Lexington, Massach	ght, title, and interest in the following to I AE, Eindhoven, the Netherlands and to QI usetts 02421 USA, its successors, assigns, a se") my/our invention for which an applic	O Vision, Inc. having a place of nd legal representatives,
is executed concurrent	lly herewith		
was executed by me/u	s en		
was filed on	hav	ring a Serial No	0.000.000.000.000
was filed on. 18 Jul 2	013, having an Internation	onal Application No. PCT/IB2013/05590-	<b>V</b>
and all rights in and to sai	id application, and all off	ner United States, foreign and internations	l patent applications associated
therewith, based thereon,	or claiming priority ther	efrom including, but not limited to, any a	id all provisionals, non-
		is-in-part, re-examinations, reissues, and e	
claim priority thereto, and	I the entire and exclusive	right, title, and interest in and to any and	all patents granted on these
applications.			
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		officials in the United States and in any ar	
	when granted, solely to	the Assignee(s), for its sole use, and that o	of its successors, assigns, and
legal representatives.			
extent. Upon request at the legal proceedings including	he expense of the Assign ng patent prosecution act	ne Assignee to enjoy the foregoing right, to see, I/we agree to execute all papers, take a tions and infringement actions, and do all and maintaining patents on the foregoing in	sll rightful oaths, testify in all other such acts which may be
I/We certify that I/we hav	e the full right to convey	the above rights.	
15/06/2014	(sign name here)	- Nau Xu	
Date	(sign name here) (print name here)	Shu XU	Assigner
	(sign name here)		
Date	(print name bere)	Marius Gabriel IVAN	, Assignor
	(sign name here)		
Date	(print name here)	Rifat Ats Mustafa HIKMET	, Assignor

Page 1 of 1

Craig Alan BREEN

(sign name here)

(print name here)

Date

. Assignor

and assign, and transfe a place of business at I business at 29 Hartwell	r the entire and exclusive r High Tech Campus 5,5656 Avenue, Lexington, Massach	we acknowledge receipt, I/we as a below-right, title, and interest in the following to AE, Eindhoven, the Netherlands and to Quisetts 02421 USA, its successors, assigns, are ") my/our invention for which an application.	Koninklijke Philips N.V., having D Vision, Inc. having a place of and legal representatives,
is executed concurr	ently herewith		
was executed by m	e/us on	***************************************	
was filed on	, ha	ving a Serial No	(XXXXXXXXXXXXXX
was filed on. 18 Ju	1 2013, having an Internati	onal Application No. PCT/IB2013/05590	4,
therewith, based thereo provisionals divisions,	on, or claiming priority the continuations, continuation	her United States, foreign and internation refrom including, but not limited to, any a ns-in-part, re-examinations, reissues, and e right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
		officials in the United States and in any a the Assignee(s), for its sole use, and that	787
extent. Upon request a legal proceedings inclu	t the expense of the Assign ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, the Assignee to execute all papers, take tions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we I	nave the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Shu XU	, Assignor
		1-4	
12.17. 2014	(sign name here)		
Date	(print name here)	Márius Gabriel IVAN	, Assignor
	(sign name here)		
Date	(print name here)	Rifat Ata Mustafa HIKMET	, Assignor
	(sign name here)		
Date	(print name here)	Craig Alan BREEN	, Assignor

Page 1 of 1

to

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having

business at 313 Ple	easant Street, 4th Floor MA 02472	AE, Eindhoven, the Netherlands and to ( Watertown, Massachusetts MA 02472 USA, vely "the Assignee") my/our invention fo	its successors, assigns, and legal
is executed co	ncurrently herewith		
was executed	by me <sup>v</sup> us on	»	
was filed on	, ha	ving a Serial No	2162452145214521
was filed on. 1	8 Jul 2013, having an Internati	onal Application No. PCT/IB2013/0559	04,
therewith, based to provisionals divis	hereon, or claiming priority the ions, continuations	ther United States, foreign and internation refrom including, but not limited to, any ns-in-part, re-examinations, reissues, and re right, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right
	s Patent when granted, solely to	officials in the United States and in any at the Assignee(s), for its sole use, and that	
extent. Upon required legal proceedings	uest at the expense of the Assig including patent prosecution ac ole, or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do a and maintaining patents on the foregoing	e all rightful oaths, testify in all Il other such acts which may be
I/We certify that )	I/we have the full right to conve	ry the above rights.	
	(sign name here)		
Date	(print name here)	Shu XU	, Assignor
	(sign name here)		
Date	(print name here)	Marius Gabriel IVAN	, Assignor
62.2013	(sign name here)	THE MARIE	
Date	(print name here)	Rifat Ata Mustafa HIKMET	, Assignor
	(sign name here)		
Date	(print name here)	Craig Alan BREEN	, Assignor

Page 1 of 1

PATENT REEL: 0**393**83 FRAME: 0**23**0 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

and assign, and transfe a place of business at business at 29 Hartwell	er the entire and exclusive r High Tech Campus 5,5656 Avenue, Lexington, Massach	ight, title, and interest in the following AE, Eindhoven, the Netherlands and to usetts 02421 USA, its successors, assignee") my/our invention for which an app	to Koninklijke Philips N.V., having QD Vision, Inc. having a place of s, and legal representatives,
is executed concur	rently herewith		
	ue/us on		
was filed on	, ha	ving a Serial No	
was filed on. 18 Ju	al 2013, having an Internation	onal Application No. PCT/IB2013/055	904,
1 11 • 1 . •			,
		her United States, foreign and internation	* **
		refrom including, but not limited to, any ns-in-part, re-examinations, reissues, an	
		e right, title, and interest in and to any a	_
applications.	and the entire and energy	e right, the, and interest in and to any t	and an parents granted on these
			•
I/We authorize and red	quest that the Patent Office	officials in the United States and in any	and all foreign countries to issue
any and all Letters Pat	ent when granted, solely to	the Assignee(s), for its sole use, and the	at of its successors, assigns, and
legal representatives.			
I/Wa will provide my	'our compandion to anal-le ti	ha Angiaman ta animatha Sauranius vist	4 441 1 1-4 4 41 6 11 4
		he Assignee to enjoy the foregoing righnee, I/we agree to execute all papers, tal	
		tions and infringement actions, and do	
	·	nd maintaining patents on the foregoing	•
thereto in the Assigned			5 my one of the perfecting that
I/We certify that I/we	have the full right to conver	y the above rights.	:
D	(sign name here)	CO. XIV	
Date	(print name here)	Shu XU	, Assignor
	(sign name here)		
Date	(print name here)	Marius Gabriel IVAN	, Assignor
Dute	(print name note)	Marius Gabriel IV AIX	, Assignor
	(sign name here)		
Date	(print name here)	Rifat Ata Mustafa HIKMET	, Assignor
9/12/13	(sign name here)	MA	(1994) - An (1) (1) (1-14)
Date	(print name here)	Craig Alan BREEN	, Assignor

Page 1 of 1

PATENT REEL: 0**49487** FRAME: 0**234**