503414914 07/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3461548

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
PAUL B. FARNSWORT	Н		07/29/2015	
SONIKA SHARMA			07/23/2015	
H. DENNIS TOLLEY			07/22/2015	
MILTON L. LEE			07/29/2015	
RECEIVING PARTY DA	TA			
Name:	BRIGHA	M YOUNG UNIVERSITY		
Street Address:	3760 HB	LL		
City:	PROVO			
State/Country:	UTAH			
Postal Code:	84602-04	463		
PROPERTY NUMBERS	Total: 1			
			1	
Property Type		Number		
Property Type Application Number:	1.	Number 4713328	-	
	1		-	
Application Number:				
Application Number: CORRESPONDENCE D Fax Number:	ATA (3)	4713328 301)478-0076		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b	DATA (8 Ne sent to t	4713328 301)478-0076 t he e-mail address first; if that is un s		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b	DATA (8 e sent to t provided;	4713328 301)478-0076		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email:	DATA (8 provided; 8 m	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name:	DATA (8 e sent to t provided; 8 m N	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA (8 provided; 8 m N 7	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 1ORRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name:	DATA (8 provided; 8 m N 7	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	DATA (8 provided; 8 m V 7 S	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 1ORRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	DATA (8 provided; 8 m V 7 S	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH ALT LAKE CITY, UTAH 84102	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA (8 provided; 8 m V 7 S	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH ALT LAKE CITY, UTAH 84102 5653.BYU-NP	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER:	DATA (8 provided; 8 m V 7 S	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH 34 EAST 200 SOUTH 5653.BYU-NP 5653.BYU-NP DAVID W. O'BRYANT	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	DATA (8 provided; 8 m V 7 S	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH 54LT LAKE CITY, UTAH 84102 5653.BYU-NP DAVID W. O'BRYANT /DAVID W. O'BRYANT/	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 6 source=5653NP_Assignm	DATA (8 provided; 8 m N 7 S JMBER:	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH ALT LAKE CITY, UTAH 84102 5653.BYU-NP DAVID W. O'BRYANT /DAVID W. O'BRYANT 07/29/2015	nt via US Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 6	DATA (8 provided; 8 m N 7 5 JMBER: JMBER:	4713328 301)478-0076 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 01-478-0071 narks@utahpatents.com 10RRISS OBRYANT COMPAGNI, P.C 34 EAST 200 SOUTH SALT LAKE CITY, UTAH 84102 5653.BYU-NP DAVID W. O'BRYANT /DAVID W. O'BRYANT 07/29/2015 uted#page1.tif uted#page2.tif	nt via US Mail.	

source=5653NP_Assignment_Executed#page4.tif source=5653NP_Assignment_Executed#page5.tif source=5653NP_Assignment_Executed#page6.tif

> PATENT REEL: 036212 FRAME: 0675

	Attorney Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page <u>1</u> of <u>6</u>	Serial Number	14/713,328
	Filing Date	May 15, 2015

WHEREAS Paul B. Farnsworth, Sonika Sharma, H. Dennis Tolley, and Milton L. Lee, residents of Utah, ("Assignors") have invented a certain new and useful improvement in LOW-POWER MINIATURE LED-BASED UV ABSORPTION DETECTOR WITH LOW DETECTION LIMITS FOR CAPILLARY LIQUID CHROMATOGRAPHY, the application for United States Letters Patent which is identified above; and

WHEREAS, Brigham Young University ("Assignee"), a corporation of the State of Utah, having a business address of 3760 HBLL, Provo, Utah 84602-0463, is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00), the receipt and sufficiency whereof is hereby acknowledged, and other good and valuable consideration, We, the said Assignors, by these presents, do sell, assign, and transfer unto said Assignee, the full and exclusive right to the said invention and in and to said application and any and all provisionals, non-provisionals, divisions and continuations, substitutes and reissues of said application and the entire right, title, and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or be granted on said invention.

The Assignors hereby authorize the Assignee to apply for and receive any and all United States and foreign patents relating to such improvements in its own name.

The Assignors hereby authorize and request the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the Assignee.

	Attomey Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page <u>2</u> of <u>6</u>	Serial Number	14/713,328
	Filing Date	May 15, 2015

The Assignors warrant and covenant that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned.

When requested by and at the expense of the Assignee, the Assignors covenant to carry out in good faith the intent and purpose of this agreement, to execute all provisional, non-provisional, divisional, continuing, substitute, renewal and reissue, and all other patent applications relating to any and all improvements relating to the invention; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the Assignee all facts and provide to the Assignee all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and to secure, maintain, defend and enforce valid and enforceable patent protection for the invention.

The Assignors hereby agree and acknowledge that the sale, assignment and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned Assignor and extend to the successors, assigns and nominees of the Assignee.

	Attorney Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page <u>3</u> of <u>6</u>	Serial Number	14/713,328
	Filing Date	May 15, 2015

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent to said Assignee as the Assignee of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

Executed this 29^{+4}	day of <u>July</u>	, 2015 at _	Provo	
¢.	· · · · · · · · · · · · · · · · · · ·	2	(city)	(state)
	- Decel		×,	
STATE OF <u>Utoh</u>)	Paul B	3. Farnsworth	A. server and	
County of Utah				

Before me personally appeared Paul B. Farnsworth and acknowledged the foregoing instrument to be his free act and deed this 21 day of $\sqrt{u/y}$, 2015.

Public



PATENT REEL: 036212 FRAME: 0678

	Attorney Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page 4 of 6	Serial Number	14/713,328
	Filing Date	May 15, 2015

Executed this <u>23</u> day of <u>July</u>, 2015 at <u>PROVO</u>, (city) UTAH. (state) STATE OF Utah) Sonika Sharma : \$\$ County of _ 凡底阶

Before me personally appeared Sonika Sharma and acknowledged the foregoing instrument to be her free act and deed this 22 day of 340, 2015.

Notary Public

HOLLY PRESLAR NOTARY PUBLIC - STATE OF UTAN COMMISSION# 658613 COMM. EXP. 09-19-2016

	Attorney Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page <u>5</u> of <u>6</u>	Serial Number	14/713,328
	Filing Date	May 15, 2015

Executed this 22 day of $\overline{\int ULY}$, 2015 at \underline{PLOUO} , (Gity) (state 1 1110s and the second STATE OF Mah) H. Dennis Tolley : SS County of Utan

Before me personally appeared H. Dennis Tolley and acknowledged the foregoing instrument to be his free act and deed this 22 day of 344, 2015.

otary Public

(APER)	HOLLY PRESLAR
	NOTARY PUBLIC-STATE OF UTAH
N. S.	COMMISSION# 858913
"mininter"	COMM. EXP. 09-19-2018

	Attorney Docket No.	5653.BYU-NP
ASSIGNMENT	First Named Inventor	Paul B. Farnsworth et al.
	Assignee	Brigham Young University
Page <u>6</u> of <u>6</u>	Serial Number	14/713,328
	Filing Date	May 15, 2015

Executed this 29th day of July, 2015 at <u>Provo</u>, <u>(city)</u> (state STATE OF Utak) Milton L. Lee : ss County of Utwh

Before me personally appeared Milton L. Lee and acknowledged the foregoing instrument to be his free act and deed this $\underline{\mbox{all}}$ day of $\underline{\mbox{duly}}$, 2015.

f phisten ary Public

Statistics.		OLLY	PRESL	AR
678	🐑 🖄 кол	XAY PUB	uc-state o	F UT SI
<u>El C</u>	š <i>i []</i> [co	mmiss	HON# 65	8913
1.	33 ^{www} CD	MM. E	(P. 09-19-	29:1

RECORDED: 07/29/2015