504987886 07/03/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5034632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN JAMES HADWEN	07/02/2018
PHILIP MARK SHRYANE ROBERTS	07/03/2018

RECEIVING PARTY DATA

Name:	SHARP LIFE SCIENCE (EU) LIMITED	
Street Address:	EDMUND HALLEY ROAD, OXFORD SCIENCE PARK	
City:	OXFORD	
State/Country:	UNITED KINGDOM	
Postal Code:	OX4 4GB	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16026162

CORRESPONDENCE DATA

Fax Number: (216)621-6165

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: 216-621-1113

Email: mailroom@rennerotto.com
Correspondent Name: LAWRENCE S. DRASNER

Address Line 1: 1621 EUCLID AVE., 19TH FLOOR

Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	SLSLP0129US
NAME OF SUBMITTER:	LAWRENCE S. DRASNER
SIGNATURE:	/Lawrence S. Drasner/
DATE SIGNED:	07/03/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=18-07-03_ExecDec_SLSLP0129US#page1.tif source=18-07-03_ExecDec_SLSLP0129US#page2.tif source=18-07-03_ExecDec_SLSLP0129US#page3.tif

PATENT 504987886 REEL: 046257 FRAME: 0971

71101110	Jy Dooker No. OL	OLI 012300		TAILNI (OSAI O)
COM	/IBINED DECLA	RATION AND ASSIGNMENT U (ORIGINAL, DESIGN, NATI		TA SHEET (37 CFR 1.76)
Title:		·		
	OPTICALLY E	BLACK AM-EWOD ARRAY ELE	EMENT STRUCTURE	
		I.DECLAR	ATION	
As a be	elow named inver	ntor or joint inventor, I hereby de	eclare that:	
This de	claration is direc	ted to:		
(a)>	the attached	application, or		
(b)	United States	s application or PCT internationa	al application number	
The ab	ove-identified ap	olication was made or authorized	d by me.	
l believ	e that I am the or	iginal inventor or an original join	t inventor of a claimed inv	vention in the application.
l hereb	y state that I have	e reviewed and understand the c	contents of the above-ider	ntified application.
I hereby me to b	y acknowledge the e material to pate	ne duty to disclose to the U.S. Pa entability as defined in 37 C.F.R.	atent and Trademark Offic . §1.56.	ce all information known to
I hereby 1001 by	y acknowledge the fine or imprison	nat any willful false statement m ment of not more than five (5) ye	ade in this declaration is ears, or both.	punishable under 18 USC
		PRIORITY	CLAIM	
applicat least or foreign at least	ion(s) for patent le country other application(s) for one country othe	priority benefits under Title or inventor's certificate or of a than the United States of Americant patent or inventor's certificate or than the United States of Americant he application(s) of which prior	any PCT international ap ica listed below and have or any PCT international erica filed by me on the sa	plication(s) designating at also identified below any application(s) designating
(c) <u>X</u>	no such appli	cation have been filed.		
(d)	such applicat	ions have been filed as follows.		
		FOREIGN APPLICATION(S), IONTHS FOR DESIGN) PRIOR		
r	OUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119
			(Jay) monthly your)	Yes No

PATENT9/01/2012

No

No

Yes

Yes

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof and all foreign countries to:

ASSIGNEE:

Sharp Life Science (EU) Limited Edmund Halley Road, Oxford Science Park, Oxford OX4 4GB U.K.

Including:

any and all related patent application(s) in the United States or a country foreign thereto, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, convention, International (e.g., Patent Cooperation Treaty (PCT)) and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

Full Name of First Inventor and Assignor:		Benjamin James Hadwen	
Inventor's signature:	Jan Vid	Date:	02 03 18
Post Office Address:	c/o Sharp Life Science (EU) Limited, Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, UK		
Full Name of Second	I Inventor and Assignor:	Philip Mark Shrya	ane Roberts
Inventor's signature:		Date:	5/7/18
Post Office Address:	c/o Sharp Life Science (EU) Lim	nited, Edmund Halley Ro	oad, Oxford Science Park,