505243862 12/19/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
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DAVID JAMES MONTGOMERY	12/17/2018

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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16223738

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NAME OF SUBMITTER: LAWRENCE S. DRASNER	
SIGNATURE:	/Lawrence S. Drasner/
DATE SIGNED:	12/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 3**

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**PATENT** REEL: 047812 FRAME: 0631 505243862

со	MBINED DECLA	ARATION AND ASSIGNMENT I (ORIGINAL, DESIGN, NATIO		OATA SHEET (37 CF	FR 1.76)
Title:	WIDE ANGL	E DISPLAY			
		I. DECLA	RATION		
As a bel	ow named inver	tor or joint inventor, I hereby de	clare that:		
This ded	claration is direct	ed to:			
(a) <u>X</u>	the attached	application, or			
(b)	United States	application or PCT internationa	l application number		
The abo	ve-identified app	olication was made or authorized	I by me.		
l believe	that I am the or	iginal inventor or an original join	t inventor of a claimed in	vention in the applica	ation.
l hereby	state that I have	e reviewed and understand the o	ontents of the above-ide	entified application.	
		e duty to disclose to the U.S. Pat ity as defined in 37 C.F.R. §1.56		e all information know	vn to me to
		at any willful false statement ma of not more than five (5) years, o		punishable under 18	USC 1001
		PRIORIT	Y CLAIM		
patent than the or inven United	or inventor's cer United States of tor's certificate States of Ameri	iority benefits under Title 35, Un ificate or of any PCT internation America listed below and have for any PCT international applicated by me on the same striority is claimed.	nal application(s) designa also identified below any ation(s) designating at le	ating at least one co foreign application(s east one country othe	untry othe ) for paten er than the
(c) <u>X</u>	no such appl	ication have been filed.			
(d)	such applica	ions have been filed as follows.			
		T FOREIGN APPLICATION(S), MONTHS FOR DESIGN) PRIOR			
C	COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAI UNDER 35 USC	
				Yes Yes Yes	_ No _ No _ No

**PATENT** 09/01/2012

#### 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 KABUSHIKI KAISHA 1 Takumi-cho, Sakai-ku, Sakai City Osaka, Japan 590-8522

### 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.

**REEL: 047812 FRAME: 0633** 

Full Name of First In	ventor and Assignor:	William SMITH		
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Post Office Address:	c/o Sharp Laboratories of Europe Park, Oxford, OX4 4GB, UK	e Ltd, Edmund Halley F	Road, Oxford Science	
	HECK FOR ANY OF THE FOLLO M A PART OF THIS COMBINED I			
Signature for six	th and subsequent joint inventors	and assignors; number	of pages added	
	his combined declaration and assi part (CIP) application.	ignment for divisional, c	continuation, or	
X This combined d	eclaration and assignment ends w	ith this page.		

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09/01/2012