503044634 11/03/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3091233

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID JAMES MONTGOMERY	10/30/2014

RECEIVING PARTY DATA

Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	545-8522

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14529711

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: 2166211113

Email: jshank@rennerotto.com **Correspondent Name:** LAWRENCE S. DRASNER

Address Line 1: 1621 EUCLID AVE, 19TH FLOOR

Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	SHGAP0111US
NAME OF SUBMITTER:	LAWRENCE S. DRASNER
SIGNATURE:	/Lawrence S. Drasner/
DATE SIGNED:	11/03/2014

Total Attachments: 3

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

> **PATENT REEL: 034087 FRAME: 0675** 503044634

COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76) (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)				
Title:		ENT DISPLAY INCLUDING A SC ELEMENTS	CREEN WITH PATTERNI	ED LIGHT
		I. DECLA	RATION	
As a bel	ow named inve	ntor or joint inventor, I hereby de	eclare that:	
This dec	laration is direc	ted to:		
(a) <u>X</u>	_ the attached	application, or		
(b) <u>X</u>		s application or PCT internations October 31, 2014	al application number	14/529,711
The abo	ve-identified ap	plication was made or authorize	d by me.	
l believe	that I am the or	riginal inventor or an original joir	nt inventor of a claimed in	vention in the application.
I hereby	state that I hav	e reviewed and understand the	contents of the above-ide	ntified application.
I hereby me to be	acknowledge the material to pat	ne duty to disclose to the U.S. P entability as defined in 37 C.F.R	atent and Trademark Off . §1.56.	ice all information known to
		nat any willful false statement m ment of not more than five (5) y		punishable under 18 USC
		PRIORITY	CLAIM	
application least one foreign a at least o	on(s) for patent e country other application(s) fo one country othe	priority benefits under Title or inventor's certificate or of than the United States of Amer patent or inventor's certificate or than the United States of Amor of the application(s) of which prior	any PCT international ap- ica listed below and hav or any PCT internationa erica filed by me on the s	oplication(s) designating at e also identified below any I application(s) designating
(c) <u>X</u>	_ no such appl	ication have been filed.		
(d)	_ such applica	tions have been filed as follows.		
		T FOREIGN APPLICATION(S), MONTHS FOR DESIGN) PRIOR		
C	OUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119
				Yes No
				Yes No

PATEN172012

SHGAP0111US PATENT (US&FO)

!I. 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 22-22, Nagaike-cho Abeno-ku, Osaka-shi Osaka, Japan 545-8522

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.

PATENT

PATENT (US&FO)

SHGAP0111US

Full Name of Sole or First Inventor and Assignor: David James MONTGOMERY			TGOMERY
Inventor's signature:	Mergenen	Date:	30-10-14
Post Office Address:	19 Ampriey Orchard, Bampton, Oxfor	dshire, OX18 2AD, l	Jnited Kingdom

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

	Signature for sixth and subsequent joint inventors and assignors; number of pages added
	Added page to this combined declaration and assignment for divisional, continuation, or continuation-in-part (CIP) application.
Х -	This combined declaration and assignment ends with this page.

3

PATPE/N/72012

REEL: 034087 FRAME: 0678