503037737 10/28/2014

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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RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14524467

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ATTORNEY DOCKET NUMBER:	SHGAP0109US
NAME OF SUBMITTER:	LAWRENCE S. DRASNER
SIGNATURE:	/Lawrence S. Drasner/
DATE SIGNED:	10/28/2014

Total Attachments: 4

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> PATENT REEL: 034052 FRAME: 0907

503037737

SHGAP0109US		PATENT (US&FO)
COMBINED DECLARATION AND ASSIGNMENT U (ORIGINAL, DESIGN, NAT		ATA SHEET (37 CFR 1.76)
Title: DISPLAY SYSTEM WITH SPECULAR REFL	ECTIVE MODE	
i. DECLA	RATION	
As a below named inventor or joint inventor, I hereby de	eclare that:	
This declaration is directed to:		
(a) X the attached application, or		
(b) United States application or PCT internations filed onoctober 27, 2014	al application number	14/524,467
The above-identified application was made or authorize	d by me.	
I believe that I am the original inventor or an original joir	nt inventor of a claimed in	vention in the application.
I hereby state that I have reviewed and understand the	contents of the above-ide	ntified application.
I hereby acknowledge the duty to disclose to the U.S. P me to be material to patentability as defined in 37 C.F.R		ice all information known to
I hereby acknowledge that any willful false statement m 1001 by fine or imprisonment of not more than five (5) y		punishable under 18 USC
PRIORITY	CLAIM	
I hereby claim foreign priority benefits under Title application(s) for patent or inventor's certificate or of least one country other than the United States of Amer foreign application(s) for patent or inventor's certificate at least one country other than the United States of Amar a filing date before that of the application(s) of which priority of the application(s) of which priority of the application of	any PCT international artical listed below and have or any PCT international erica filed by me on the s	oplication(s) designating at e also identified below any I application(s) designating
(c) X no such application have been filed.		
(d) such applications have been filed as follows.		
EARLIEST FOREIGN APPLICATION(S), (6 MONTHS FOR DESIGN) PRIOR		
COUNTRY APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119
		Yes No Yes No

1

PATENT2012

Yes No

SHGAP0109US PATENT (US&FO)

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 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 12012
REEL: 034052 FRAME: 0909

Full Name of Sole or	First Inventor and Assignor:	Nathan	James S	SMITH
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	ECK FOR ANY OF THE FOLLOWIN A PART OF THIS COMBINED DEC			
Signature for six	ath and subsequent joint inventors ar	nd assigno	rs; numb	er of pages added
	his combined declaration and assigroart (CIP) application.	nment for o	livisional,	continuation, or

X This combined declaration and assignment ends with this page.

PATENT REEL: 034052 FRAME: 0911

RECORDED: 10/28/2014