504829673 03/21/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4876410

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIEGO GALLARDO	02/08/2018
CHRISTOPHER JAMES BROWN	02/08/2018

RECEIVING PARTY DATA

Name:	SHARP KABUSHIKI KAISHA
Street Address:	1 TAKUMI-CHO, SAKAI-KU, SAKAI-CITY
City:	OSAKA
State/Country:	JAPAN
Postal Code:	590-8522

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15761847

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: spacsi@rennerotto.com **Correspondent Name:** MARK D SARALINO

Address Line 1: RENNER, OTTO, BOISSELLE & SKLAR, LLP Address Line 2: 1621 EUCLID AVENUE, NINETEENTH FLOOR

Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	HARAP0427WOUS
NAME OF SUBMITTER:	MARK D. SARALINO
SIGNATURE:	/MARK D. SARALINO/
DATE SIGNED:	03/21/2018

Total Attachments: 3

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> **PATENT REEL: 045300 FRAME: 0809** 504829673

COM	BINED DECLA	RATION AND ASSIGNMENT ((ORIGINAL, DESIGN, NAT				(37 CFR	1.76)
Title:	INTEGRATE) ACTIVE MATRIX TOUCH PA	NEL				
		I. DECLA	RATION	U.S. Ap	plication N	o. 15/76	1,847
As a bel	ow named inver	ntor or joint inventor, I hereby d	eclare that:	U.S. Fil	ing Date: M	arch 21,	2018
This dec	laration is direc	ted to:					
(a)	_ the attached	application, or					
(b) <u>×</u>	_	s application or PCT internation 9/09/2016	al application nu	ımber <u>F</u>	PCT/JP2016/	004399	
The abo	ve-identified app	olication was made or authorize	d by me.				
l believe	that I am the or	iginal inventor or an original joi	nt inventor of a c	laimed in	vention in the	e applicat	ion.
l hereby	state that I have	e reviewed and understand the	contents of the a	above-ide	entified applic	ation.	
		e duty to disclose to the U.S. Fentability as defined in 37 C.F.F		mark Off	ice all inform	ation kno	wn to
		at any willful false statement n ment of not more than five (5) y		aration is	punishable	under 18	USC
		PRIORITY	CLAIM				
or paten other that or pater other that	t or inventor's on the United State or inventor's on the United State or inventor's on the United State	ority benefits under Title 35, Ur certificate or of any PCT interna- ites of America listed below and certificate or any PCT internati- tes of America filed by me on th hich priority is claimed.	itional application I have also ident onal application	n(s) desig ified belo (s) desig	gnating at lea w any foreigr nating at lea:	ist one co applicati st one co	ountry ion(s) ountry
c)	_ no such appli	cation have been filed.					
d)×	_ such applicat	ions have been filed as follows.					
		FOREIGN APPLICATION(S), IONTHS FOR DESIGN) PRIOF					
_		ADDITIONATIONALIST	DATE OF FI		PRIORIT	=	
	OUNTRY GB	APPLICATION NUMBER 1517446.9	(day, month,		UNDER 3 × Yes		119 No
	- GD	1317440.9	02/10/20	I U	Yes		No

PATEN†9/01/2012 REEL: 045300 FRAME: 0810

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 to:

ASSIGNEE:

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

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, 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 Sole or First Inventor and Assignor: GALLARDO, Diego					
Inventor's signature:	Jojo Espiror	Date:	8 Feb 2018		
Post Office Address:	c/o Sharp Laboratories of Europe Limited				
	Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, United Kingdom				
Full Name of Second Inventor and Assignor: BROWN, Christopher James					
Inventor's signature:	13	Date:	8 february 2018		
Post Office Address:	c/o Sharp Laboratories of Europe Limited				
	Edmund Halley Road, Oxford Science Park, Oxford, OX4 4GB, United 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					
continuation-in-p	his combined declaration and assignment for part (CIP) application.		continuation, or		