

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5072623

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAPAN DISPLAY INC.	07/23/2018
PANASONIC LIQUID CRYSTAL DISPLAY CO., LTD.	07/18/2018
RECEIVING PARTY DATA	
Name:	NISSAN CHEMICAL CORPORATION
Street Address:	5-1, NIHONBASHI 2-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	103-6119
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	15194138
Patent Number:	9405152
Patent Number:	7718234
Patent Number:	8025939
CORRESPONDENCE DATA	
Fax Number:	(202)654-5728
<i>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.</i>	
Phone:	202-800-8679
Email:	TYPHA_IP@typhaip.com
Correspondent Name:	TYPHA IP LLC
Address Line 1:	1819 L STREET NW SUITE 200
Address Line 4:	WASHINGTON, D.C. 20036
ATTORNEY DOCKET NUMBER:	1497-45133AA
NAME OF SUBMITTER:	ARIMI YAMADA
SIGNATURE:	/Arimi Yamada/
DATE SIGNED:	07/30/2018
Total Attachments: 3	
source=1497-45133C4_Assignment_cu#page1.tif	

source=1497-45133C4_Assignment_cu#page2.tif

source=1497-45133C4_Assignment_cu#page3.tif

ASSIGNMENT

Japan Display Inc., (Address: 3-7-1, Nishi-shinbashi Minato-ku, Tokyo 105-0003 Japan) and Panasonic Liquid Crystal Display Co., Ltd., (Address: 1-6, Megahida-cho, Shikama-ku, Himeji-shi, Hyogo 672-8033 Japan) (collectively hereinafter "Assignors") hereby acknowledges that pursuant to the Asset Purchase and Sale Agreement by and among Assignors and executed on March 27, 2018 (the "Asset Purchase Agreement"), Assignors sells, assigns, transfers, and sets over to Nissan Chemical Corporation, (Address: 5-1, Nihonbashi 2-chome, Chuo-ku, Tokyo 103-6119, Japan) and its successors, assigns and legal representatives (hereinafter Assignee):

(1) its entire right, title and interest in, to, and under the patent applications, and any and all inventions, discoveries and applications that are disclosed in these patent applications, for the United States, as identified in Appendix A attached to this Assignment (herein referred to as the "Patents" including pending patent application), and including any and all divisional, continuation, continuation-in-part, conversion, renewal, reissue, reexamination, revival, extension, and any substitute application based upon the Patents, and any patent and reexamination certificate issuing from any divisional, continuation, continuation-in-part, conversion, renewal, reissue, reexamination, revival, extension, and any substitute application based upon the Patents; (2) the entire right, title and interest in and to any patents that may issue thereon in the United States, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (3) any and all claims, demands, causes of action, damages, and remedies of every kind recoverable at law or in equity or otherwise from any and every party for any and every infringement of any of the Patents and any patents that may issue thereon together with the rights to bring and maintain any action for past, present, and future acts of infringements and for the recovery of damages and fees in the United States.

Assignors hereby authorizes and requests the competent authorities to grant and to issue any and all patents that may issue from the Patents in the United States to the Assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment, sale and transfer not been made.

Reference No. 1497-45133C4

Assignors hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Assignment.

This Assignment is delivered pursuant to the Asset Purchase Agreement and is subject to the conditions and covenants provided therein. Nothing contained herein shall itself change, amend, extend or alter the terms or conditions of the Asset Purchase Agreement in any manner whatsoever.

Assignors hereby grants **TYPHA IP LLC, 1819 L Street N.W. Suite 200, Washington DC 20036**, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Assignor: Japan Display Inc.

Name: Hiroyuki Yoshida

(Title: VP and General Manager, Intellectual Property Department)

Signature: Hiroyuki Yoshida

Date: July 23, 2018

Assignor: Panasonic Liquid Crystal Display Co., Ltd.

Name Hideyuuki Honoki

(Title: President, Member of the board)

Signature: H. Honoki

Date: July 18, 2018

Attachment: Appendix A

Appendix A

	U.S. APPLICATION No.	U.S. PATENT NO.	Filing Date	Japan Display Inc. Reel No.	Japan Display Inc. Frame No.	Japan Display Inc. Recorded	Panasonic Liquid Crystal Display Co., Ltd. Reel No.	Panasonic Liquid Crystal Display Co., Ltd. Frame No.	Panasonic Liquid Crystal Display Co., Ltd. Recorded	Attorney Docket No.
1	15/194138	N/A	6/27/2016	031693	0366	11/21/2013	027056	0914	10/13/2011	1497- 45133C4
2	14/273648	9405152	5/9/2014	031693	0366	11/21/2013	027056	0914	10/13/2011	
3	10/537825	7718234	05/08/2005	046333	0927	07/12/2018	027063	0139	10/14/2011	
4	12/781815	8025939	05/18/2010	046333	0927	07/12/2018	027056	0914	10/13/2011	