

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
PANASONIC LIQUID CRYSTAL DISPLAY CO., LTD.			08/08/2023
RECEIVING PARTY DATA			
Name:	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA		
Street Address:	2050 W 190TH STREET		
Internal Address:	SUITE 450		
City:	TORRANCE		
State/Country:	CALIFORNIA		
Postal Code:	90504		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	17750635		
CORRESPONDENCE DATA			
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<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>			
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NAME OF SUBMITTER:	JUAN CARLOS A. MARQUEZ		
SIGNATURE:	/juan.carlos.a.marquez/		
DATE SIGNED:	08/09/2023		
Total Attachments: 3			
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ASSIGNMENT

WHEREAS, I/We, whose names and post office addresses appear below hereinafter referred to as ASSIGNOR, are joint owners with Japan Display Inc. in certain new and useful improvements in the Inventions as listed in the attached (hereinafter referred to as EXHIBIT A) which I/We as joint owners made, contributed to the making and/or authorized the making of an application for the above-noted subject matter which is claimed and for which a patent is sought on the invention (design, if applicable);

WHEREAS, applications and/or patents for United States Letters Patent or for priority under International Convention for the above-noted subject matter are being or were filed concurrently herewith, or were filed or issued as noted on the attached EXHIBIT A;

WHEREAS, **Panasonic Intellectual Property Corporation of America**, whose post office address is **2050 W 190th Street Suite 450, Torrance, CA 90504 USA** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the joint ownership of ASSIGNOR in the same in the United States and throughout the world;

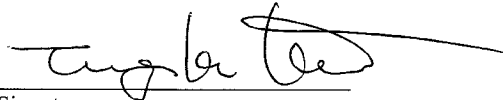
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to ASSIGNOR's joint ownership in said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR here by agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby declares that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under *Section 1001 of Title 18 of the United States Code*, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME: Tomoyuki KATO, President, member of the board


Signature

ADDRESS: **Panasonic Liquid Crystal Display Co., Ltd.**
1-6, Megahida-cho, Shikama-ku, Himeji-shi,
Hyogo 672-8033 Japan

Aug. 08. 2023
Date

EXHIBIT A

U.S. PATENT NUMBER OR APPLICATION NUMBER	FILING DATE	TITLE OF THE INVENTION
17/750,635	May 23, 2022	LIQUID CRYSTAL DISPLAY DEVICE COMPRISING A TRANSPARENT PIXEL ELECTRODE CONNECTED WITH A THIN FILM TRANSISTOR THROUGH A CONTACT HOLE AND A TRANSPARENT COUNTER ELECTRODE HAVING MULTIPLE SLITS
17/961,617	October 7, 2022	MANUFACTURING METHOD FOR LIQUID CRYSTAL DISPLAY DEVICE