PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7780957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEN ONODA	09/20/2022
SHINICHI KOMURA	09/13/2022
KOICHI OKUDA	09/12/2022
HIROAKI KIJIMA	11/08/2022

RECEIVING PARTY DATA

Name:	JAPAN DISPLAY INC.
Street Address:	3-7-1, NISHI-SHINBASHI, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-0003

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17970578

CORRESPONDENCE DATA

Fax Number:

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: 5713766333

Email: anaquadocketing@Xsensus.com

Correspondent Name: XSENSUS LLP

Address Line 1: 100 DAINGERFIELD ROAD

Address Line 2: SUITE 402

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	20413US01
NAME OF SUBMITTER:	CHRISTINE GRIMES
SIGNATURE:	/Christine Grimes/
DATE SIGNED:	02/06/2023

Total Attachments: 4

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PATENT 507733812 REEL: 062600 FRAME: 0712

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JA2100207US011 (22S0201)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	DISPLAY DEVICE
As the below n This declaratio is directed to:	amed inventor, I hereby declare that: n
	filed on(If any).
The above-ider	ntified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
Nishi-shinbasl and to said inv	apan Display Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-7-1, ni. Minato-ku, Tokvo 105-0003 Japan, is desirous of acquiring the entire right, title and interest in ention and in and to any Letters Patent that may be granted therefore in the United States and its essions and in any and all foreign countries;
acknowledged, said ASSIGNE and in all foreig other relevant I interest in and possessions an	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions in countries (including the right to claim priority under the terms of the International Convention and international Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, indirenewals thereof.
any and all for assignee of my (his) successors	norize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
by fine or impr	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.
	E OF INVENTOR
Inventor: Ken Onoda Date: Soptember 20, 2022	
Signature: A Los Orada	

JA2100207US011 (2280201)

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Title of	DISPLAY DEVICE
Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	n 📝 The attached application, or
is directed to:	United States application or PCT international application number
	filed on (If any),
The above-ider	ntified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
Nishi-shinbasi and to said inv	apan Display Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-7-1, hi. Minato-ku. Tokyo 105-0003 Japan, is desirous of acquiring the entire right, title and interest in rention and in and to any Letters Patent that may be granted therefore in the United States and its essions and in any and all foreign countries;
acknowledged, said ASSIGNE and in all foreig other relevant I interest in and possessions an	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions on countries (including the right to claim priority under the terms of the International Convention and International Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignee of my (his) successor	horize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its sand assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001	
•	isonment of not more than five (5) years, or both.
LEGAL NAMI	E OF INVENTOR
Inventor:	Shinichi Komura Date: Sept. 13 2022
Signature:	7 Korma

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	DISPLAY DEVICE
As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number	
·····	filed on (If any).
The above-ide	ntified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, <u>Japan Display Inc.</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>3-7-1</u> , <u>Nishi-shinbashi. Minato-ku, Tokyo 105-0003 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
acknowledged, said ASSIGNE and in all forei, other relevant interest in and possessions ar	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto EE, the full and exclusive right to the said invention in the United States and its territorial possessions gn countries (including the right to claim priority under the terms of the International Convention and International Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignce of my (his) successor	horize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the rentire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
<u> </u>	E OF INVENTOR
Inventor:	Koichi Okuda Dato: September 12, 2022 Koichi Okuda
Sionature	Loichi Okuda

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Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	
is directed to:	United States application or PCT international application number
	filed on (If any).
The above-ide	ntified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
Nishi-shinbas and to said inv	apan Display Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-7-1, hi, Minato-ku, Tokyo 108-0003 Japan, is desirous of acquiring the entire right, title and interest in vention and in and to any Letters Patent that may be granted therefore in the United States and its essions and in any and all foreign countries;
acknowledged, said ASSIGNE and in all forei, other relevant interest in and possessions an	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial possessions go countries (including the right to claim priority under the terms of the International Convention and international Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.
any and all for assignee of my (his) successor	horize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its s and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and same would have been held by me had this Assignment and sale not been made.
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<u> </u>	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.
LEGAL NAM	E OF INVENTOR
Inventor: I	Hiroaki Kijima Date: November 8, 2022
Signature Ward I Hickory	

PATENT REEL: 062600 FRAME: 0717

RECORDED: 02/06/2023