# 506694052 06/02/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6740870

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
MANABU MIZUNO			05/18/2021		
YOSHIHIDE OHUE			05/25/2021		
HIROKI SUGIYAMA			05/18/2021		
KENTARO OKUYAMA			05/21/2021		
RECEIVING PARTY DA	ТА				
Name:	JAPAN	DISPLAY INC.			
Street Address:	3-7-1, N	ishi-shinbashi, Minato-ku			
City:	Tokyo				
State/Country:	Japan				
Postal Code:	105-000	3			
PROPERTY NUMBERS Total: 1					
Property Type		Number			
Application Number:	-	7336786			
		7336786			
CORRESPONDENCE D					
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	ATA ( e sent to	703)413-2220 the e-mail address first; if that is unsu			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i>	ATA ( e sent to provided	703)413-2220 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent t			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone:	ATA ( e sent to provided	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email:	ATA ( e sent to provided ( r	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000 nstewart@oblon.com			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone:	ATA ( e sent to provided ( r	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA ( e sent to provided ( r (	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000 nstewart@oblon.com DBLON, ET AL.			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	ATA ( e sent to provided ( r ( ,	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA ( e sent to provided ( r ( ,	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA ( e sent to provided ( r ( ,	703)413-2220 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 537261US			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	ATA ( e sent to provided ( r ( ,	703)413-2220 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 537261US MAKEDA STEWART			
CORRESPONDENCE D Fax Number: <i>Correspondence will bu using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE:	ATA ( e sent to provided ( r ( ,	703)413-2220 the e-mail address first; if that is unsuccessful, it will be sent of 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 537261US MAKEDA STEWART /Makeda Stewart/			
CORRESPONDENCE D Fax Number: Correspondence will bu using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 4 source=ASN#page1.tif	ATA ( e sent to provided ( r ( ,	703)413-2220 the e-mail address first; if that is unsuccessful, it will be sent of 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 537261US MAKEDA STEWART /Makeda Stewart/			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 4	ATA ( e sent to provided ( r ( ,	703)413-2220 the e-mail address first; if that is unsuccessful, it will be sent of 703) 413-3000 nstewart@oblon.com DBLON, ET AL. 940 DUKE STREET ALEXANDRIA, VIRGINIA 22314 537261US MAKEDA STEWART /Makeda Stewart/			

iN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

Japan	Display	Inc.	
3-7-1, 1	Nishi-sł	iinbashi, Minato-ku, Tokyo 105-	0003, Japan
Ş			
	: the entir <i>sention</i> )	s and exclusive right, title and interest to the	nwledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to invention entitled
	· · · · · · · · · · · · · · · · · · ·		
relating to International Patent Application PCT/JP2019/047524, and/or for which application for Letters Patent of the United States was executed on even date horewith or, if not so executed, was:			
(a) exce	uted en		(Insert date of execution of application, if not concurrent)
(b) filed	00		Assignce's autorney is hereby authorized to insert in (b) the specified
Seria	l No.		dota, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, meluding in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworm testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

$\mathfrak{H}$	Manalo Miguno	Manabu MIZUNO	May 18.2021
	(Signatula)	(Type Name)	f (Date)
2)		Yoshihide OHUE (Type Name)	Bate
3)		Hiroki SUGIYAMA	din nin
1	(Signature)	(Type Name)	(Date)
4}		Kentaro OKUYAMA	
	(Signature)	(Type Name)	(Date)

PATENT REEL: 056415 FRAME: 0229

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

.....

Japan Display Inc.

3-7-1, Nishi-shinbashi, Minato-ku, Tokyo 105-0003, Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

.....

#### DISPLAY DEVICE

Serial No.

relating to International Patent Application <u>PCT/JP2019/047524</u> and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on

(Insert date of execution of application, if not concurrent)

(b) filed on

Assignee's autorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or recommination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing aworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Ð		Manabu MIZUNO	
	(Signature)	(Type Name)	(Date)
2)	Ysshihale Chae	Yoshihide OHUE	May 25, 2021
	(Signature)	(Type Name)	/ (Date)
3)	55 100000000000000000000000000000000000	Hiroki SUGIYAMA	
	(Signature)	(Type Name)	(Date)
4)		Kentaro OKUYAMA	
	(Signature)	(Type Name)	(Daic)

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(er) of ASSIGNEE(S))

Japan Display Inc.

3-7-1, Nishi-shinbashi, Minato-ku, Tokyo 105-0003, Japan

(horoinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (*fitte of Invention*)

#### DISPLAY DEVICE

relating to International Patent Application PCT/JP2019/047524 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a)	executed on	 (Insert date of execution of application, if not concurrent)
(b)	filed on	
	Serial No.	 Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing some testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

l)	( Signature)	Manabu MIZUNO (Type Name)	(Date)
2)		Yoshihide OHUE	
	(Signature)	(Type Name)	(Date)
3)	Hicket Sagliguna	Hiroki SUGIYAMA	May, 12, 282/
	( Signature)	(Type Name)	(Bate)
4)		Kentaro OKUYAMA	
	(Signature)	(Type Name)	(Date)

#### PATENT REEL: 056415 FRAME: 0231

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (*Insert Name(s) & Address(es) of ASSIGNEE(S)*)

Japan Display Inc.

3-7-1, Nishi-shinbashi, Minato-ku, Tokyo 105-0003, Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled *(Title of Invention)* 

#### DISPLAY DEVICE

relating to International Patent Application <u>PCT/JP2019/047524</u> and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

:

(a) executed on

(Insert date of execution of application, if not concurrent)

 (b) filed on
 \_\_\_\_\_\_\_\_,

 Serial No.
 /

 \_\_\_\_\_\_\_\_;
 Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)		Manabu MIZUNO	
	(Signature)	(Type Name)	(Date)
2)		Yoshihide OHUE	
	( Signature)	(Type Name)	(Date)
3)		Hiroki SUGIYAMA	
	(Signature)	(Type Name)	(Date)
4)	Rentaro Okuriana	Kentaro OKUYAMA	May 2/th, 2021
	(Signature)	(Type Name)	(Date)

**RECORDED: 06/02/2021**