505108722 09/24/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YUJI SUZUKI	09/10/2018
TOSHINORI UEHARA	09/11/2018
HAYATO KURASAWA	09/11/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16139337

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.

Email: chicago.patents@klgates.com

Correspondent Name: K&L GATES LLP

Address Line 1: 70 W. MADISON STREET

Address Line 2: SUITE 3100

Address Line 4: CHICAGO, ILLINOIS 60602

NAME OF SUBMITTER:	THOMAS C. BASSO	
SIGNATURE:	/Thomas C. Basso/	
DATE SIGNED:	09/24/2018	

Total Attachments: 2

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PATENT 505108722 REEL: 046953 FRAME: 0647

U.S. ASSIGNMENT

3-7-1 Nishi-shinbashi, Minato-ku, Tokyo 105-0003, Japan (hercinafter, "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) DETECTION DEVICE relating to International Patent Application PCT/IP	IN CONSIDERATION of the sum inventor(s) (hereinafter, "ASSIGNOR (Insert Name(s) & Address(es) of ASSIG Japan Display Inc.	(") by	and of other good and valuable	e consideration paid to the undersigned
ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) DETECTION DEVICE relating to International Patent Application PCT/IP/	3-7-1 Nishi-shinbashi, M	inato-ku, Tokyo	105-0003, Japan	
ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) DETECTION DEVICE relating to International Patent Application PCT/IP/				
relating to International Patent Application PCT/JP 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	ASSIGNEE the entire and exclusive righ (Title of Invention)			NOR hereby sells, assigns and transfers to
(a) executed on	DETECTION DEVICE			
Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data, when known. Assignee's autorney is hereby authorized to insert in (b) the specified data. Signature is autorney is autorney in the fill the said application, and application, and the isauda enforcing protection for said ASSIGNEE, to do all acts which the ASSIGNEE, when he said application, and the isauda enforcing protection for said ASSIGNEE, to do all acts which the said Letters Patent(s), in any interference, reissue, recurring, maintaining and enforcing protection for said ASSIGNEE, to do all acts which the said Letters Patent(s), in any interference, reissue, recurring maintaining and enforcing protection for said ASSIGNEE, to do all acts which the said Letters Patent(s), in any			and/or for which application	for Letters Patent of the United States was
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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). Yuji SUZUKI (Signature) Yuji SUZUKI (Date)				by authorized to insert in (b) the specified
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) Yuji Suzuki (Signature) Yuji Suzuki (Type Name) Yuji Suzuki (Date) Toshinori UEHARA (Signature) (Date)	and to said application and all Letters Pa substitute, reissue or reexamination appli	tent(s) of the United Sta	the full term or terms for which th	e said Letters Patent(s) may be granted and
1) Yuji Suzuki Yuji Suzuki September /10/2018 (Signature) (Type Name) (Date) 2) Ishirar (lehera Toshinori UEHARA September / 11/2018 (Signature) (Type Name) (Date)	which the ASSIGNEE may deem necess including in the preparation and prosecur reexamination, or public use proceeding, acts to include but not be limited to exec	ary, desirable or expedie tion of said application(s and in any litigation or c uting all papers, includir	ent, for securing, maintaining and one of said Letters I and the issuance of said Letters I other legal proceeding which may a	enforcing protection for said invention, Patent(s), in any interference, reissue, rise or be declared in relation to same, such
	IN WITNESS WHEREOF, the under	signed inventor(s) has (l	nave) affixed his/her/their signatur	e(s).
	1) Yuji Suzuki		Yuji SUZUKI	September /10/2018
	(Signature)			(Date)
	(Signature)	 	(Type Name)	(Date)
(Signature) (Type Name) (Date)	3)		· · ·	·
	(Signature)		(Type Name)	(Date)

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Japan Display Inc.	(\$1.00), and of other good and valuable considera	ition paid to the undersigned
3-7-1 Nishi-shinbashi, Minato-ku, Tokyo 105-0003, Japan		
(hereinafter, "ASSIGNEE"), the receipt of which is here ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)	by acknowledged, the undersigned ASSIGNOR herebyers to the invention entitled	y sells, assigns and transfers to
DETECTION DEVICE		
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed, w		Patent of the United States was
(a) executed on	; (Insert date of execution of application, if	not concurrent)
(b) filed on Serial No. /	, Assignee's attorney is hereby authorized; data, when known.	ed to insert in (b) the specified
and to said application and all Letters Patent(s) of the Us substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinafter	ereon, for the full term or terms for which the said Lette	
The ASSIGNOR agree(s), when requested by said As which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said appl reexamination, or public use proceeding, and in any litigates to include but not be limited to executing all papers, sworn testimony, and obtaining and producing evidence	lication(s) and the issuance of said Letters Patent(s), in ation or other legal proceeding which may arise or be de , including separate assignments and declarations, takin	otection for said invention, any interference, reissue, celared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor	(s) has (have) affixed his/her/their signature(s).	
1)(Signature)	Yuji SUZUKI (Type Name)	(Date)
2) (Signature) 3) Hayato Kurasawa	Toshinori UEHARA (Type Name) Hayato KURASAWA	(Date) Sept. / 11 / 2018
(Signature)	(Type Name)	(Date)

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RECORDED: 09/24/2018