505027015 07/30/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YUTAKA OZAWA	05/22/2017
AKIRA SAKAIGAWA	05/15/2017
KEIJI FUKUHARA	05/22/2017

RECEIVING PARTY DATA

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State/Country:	JAPAN	
Postal Code:	105-0003	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16039423

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SIGNATURE:	/Jeffrey M. Ingalls/
DATE SIGNED:	07/30/2018

Total Attachments: 2

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PATENT 505027015 REEL: 046503 FRAME: 0306

U.S. ASSIGNMENT

(Insert Name(s) & Address(es) of ASSIGNEE(S)) Japan Display Inc.		
3-7-1 Nishi-shinbashi Minato-ku, Tokyo 105	-0003, Japan	
J 1 / Hall Shillowski Patrick May 1019 0 100		
(hereinafter, "ASSIGNEE"), the receipt of which is herebassIGNEE the entire and exclusive right, title and interestate of Invention)	ny acknowledged, the undersigned ASSIC st to the invention entitled	NOR hereby sells, assigns and transfers to
DISPLAY SYSTEM AND DISPLAY APPA	RATUS	
relating to International Patent Application PCT/JP 2013 executed on even date herewith or, if not so executed, was	5 /083822 and/or for which application	n for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of app	olication. if not concurrent)
(b) filed on		
Serial No. /	Assignee's attorney is here data, when known.	by authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the Uni substitute, reissue or reexamination application based there including any extensions thereof (collectively, hereinafter	con, for the full term or terms for which th	e said Letters Patent(s) may be granted and
The ASSIGNOR agree(s), when requested by said ASS which the ASSIGNEE may deem necessary, desirable or distribution in the preparation and prosecution of said applicate examination, or public use proceeding, and in any litigates to include but not be limited to executing all papers, is sworn testimony, and obtaining and producing evidence.	expedient, for securing, maintaining and cation(s) and the issuance of said Letters from or other legal proceeding which may a	enforcing protection for said invention, Patent(s), in any interference, reissue, urise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signatur	e(s).
1) Yuraka Orawa	Yutaka OZAWA (Type Name)	May /22/201'
2)	Akîra SAKAIGAWA (Type Name)	(Data)
(Signature) Neili Fukuhata	Keiji FUKUHARA	May /22/20/
(Signature)	(Type Name)	(Date)
4) (Signature)	(Type Name)	(Date)
5) (Signature)	(Type Name)	(Date)
6)	(Pana Mana)	(Data)

U.S. ASSIGNMENT

(here	einafter, "ASSIGN	IOR") by Iress(es) of ASSIGNEE(S))	(\$1.00), mid	or other good and variation con-	nderation paid to the undersigned inventor(s)
_Ja	pan Display I	nc.			
3-	7-1 Nishi-shin	bashi Minato-ku, Tokyo	105-0003	, Japan	
	***************************************			177-474	
ASS	einafter, "ASSIGN IGNEE the entire : e of Invention)	IEE"), the receipt of which is and exclusive right, title and i	hereby acknown terest to the	wledged, the undersigned ASSI invention entitled	GNOR hereby sells, assigns and transfers to
DI	SPLAY SYST	EM AND DISPLAY A	PPARATU	JS	
relati	ing to International uted on even date I	Patent Application PCT/JP nerewith or, if not so executed	2015/0838 l, was:	22 and/or for which application	on for Letters Patent of the United States was
(a)	executed on _		;	(Insert date of execution of ap	oplication, if not concurrent)
(b)	filed on	Diko-valiviti.iip hahipa turnake mbalaa aya aya aya aya aya aya aya		Assignee's attorney is her	eby authorized to insert in (b) the specified
	Serial No.	1	;	data, when known.	
subst	itute, reissue or ree	examination application based	thereon, for t	s granted on said application an he full term or terms for which t oplication(s) and Letters Patent(d any continuation, division, renewal, he said Letters Patent(s) may be granted and s}").
which inclusereexa acts to sworn	i the ASSIGNEE is ding in the prepara mination, or public of include but not be testimony, and of	may deem necessary, desirabl tion and prosecution of said a c use proceeding, and in any li se limited to executing all pap btaining and producing evider	e or expedien pplication(s) tigation or oth ers, including nce.	f, for securing, maintaining and and the issuance of said Letters her legal proceeding which may separate assignments and declar	e expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such trations, taking all rightful oaths, providing
IN	WITNESS WHE	REOF, the undersigned inven	tor(s) has (ha	ve) affixed his/her/their signatu	re(s).
1) _		Signature)	***************************************	Yutaka OZAWA (Type Name)	(Date)
2)	alsira So	Raigouca		kira SAKAIGAWA	May 15. 2017
	(Signature)		(Type Name)	(Date)
3) _	(Signature)	***************************************	Keiji FUKUHARA (Type Name)	(Date)
4) _	(Signature)		(Type Name)	(Date)
5) _		Signature)		(Type Name)	(Date)
6)					(maily
-	(Signature)	***************************************	(Type Name)	(Date)

PATENT REEL: 046503 FRAME: 0308

RECORDED: 07/30/2018