### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROFUMI KATO	05/12/2021
TAKANORI TSUNASHIMA	05/12/2021
MAKOTO UCHIDA	06/01/2021
TAKASHI NAKAMURA	05/14/2021
AKIO TAKIMOTO	05/14/2021
TAKAO SOMEYA	05/13/2021
TOMOYUKI YOKOTA	05/12/2021

### **RECEIVING PARTY DATA**

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State/Country:	JAPAN	
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I Maille.	THE UNIVERSITY OF TOKYO	
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17358950

### CORRESPONDENCE DATA

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REEL: 056686 FRAME: 0683 506738122

PATENT

ATTORNEY DOCKET NUMBER:	3724078.04349
NAME OF SUBMITTER:	THOMAS C. BASSO
SIGNATURE:	/THOMAS C. BASSO/
<b>DATE SIGNED:</b> 06/28/2021	
Total Attachments: 6	

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> PATENT REEL: 056686 FRAME: 0684

IN CONSIDERATION of the sum of One D inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	ollar (\$1.00), and of other good and valuable o	onsideration paid to the undersigned
Japan Display Inc.		
3-7-1, Nishi-shinbashi, Minato-ku,	Tokvo 105-0003. Japan	
and		
The University of Tokyo		
3-1, Hongo 7-chome, Bunkyo-ku, T	okyo 113-8654 Japan	
	onyo rito osor vapan	
(hereinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title and (Title of Invention)		OR hereby sells, assigns and transfers to
DETECTION DEVICE		
relating to International Patent Application PCT/L executed on even date herewith or, if not so execut  (a) executed on		
(a) executed on	, (insert dute of execution of applic	auon, y noi concurrenty
(b) filed on		authorized to insert in (b) the specified
Serial No.	, data, when known.	
and to said application and all Letters Patent(s) of a substitute, reissue or reexamination application bas including any extensions thereof (collectively, here.  The ASSIGNOR agree(s), when requested by sa which the ASSIGNEE may deem necessary, desirationally in the preparation and prosecution of said reexamination, or public use proceeding, and in any acts to include but not be limited to executing all posworn testimony, and obtaining and producing evice.	ed thereon, for the full term or terms for which the senafter, "said application(s) and Letters Patent(s)") and ASSIGNEE and without charge to but at the exble or expedient, for securing, maintaining and enfold application(s) and the issuance of said Letters Patalitigation or other legal proceeding which may arise apers, including separate assignments and declarat	aid Letters Patent(s) may be granted and  pense of said ASSIGNEE, to do all acts orcing protection for said invention, ent(s), in any interference, reissue, e or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inv	entor(s) has (have) affixed his/her/their signature(s	).
1) Misfami Katu (Signature)	Hirofumi KATO (Type Name)	May. 12, 202/
2)	Takanori TSUNASHIMA	
(Signature)	(Type Name)	(Date)
(Signature)	Makoto UCHIDA (Type Name)	(Date)
4)	Takashi NAKAMURA	
(Signature)	(Type Name)	(Date)
5)	Akio TAKIMOTO	
(Signature)	(Type Name)	(Date)
6)(Signature)	Takao SOMEYA (Type Name)	(Date)
	Tomoyuki YOKOTA	
(Signature)	(Type Name)	(Date)

IN CONSIDERATION of inventor(s) (hereinafter, "AS (Insert Name(s) & Address(es,	SSIGNOR") by	1.00), and o	f other good and valuable co	onsideration paid to the undersigned
Japan Display Inc.				
3-7-1, Nishi-shinbasi	ni. Minato-ku. Tokvo	105-000	3. Japan	
and			######################################	
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(hereinafter, "ASSIGNEE"), the ASSIGNEE the entire and executive of Invention)				OR hereby sells, assigns and transfers to
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relating to International Patent executed on even date herewit			and/or for which application for	Letters Patent of the United States was
(a) executed on		_; (In	seri date of execution of applic	ation, if not concurrent)
(b) filed on		سستم		
Serial No.	<i>f</i>	_i doi	Assignee's altorney is hereby a, when known.	authorized to insert in (h) the specified
substitute, reissue or reexamin	ation application based there	on, for the fu		ry continuation, division, renewal, aid Letters Patent(s) may be granted and
which the ASSIGNEE may de including in the preparation ar reexamination, or public use pr	em necessary, desirable or end prosecution of said application of said applications and in any litigation to executing all papers, in	expedient, for ation(s) and to on or other le	securing, maintaining and enfo the issuance of said Letters Pate gal proceeding which may arise	nense of said ASSIGNEE, to do all acts orcing protection for said invention, ent(s), in any interference, reissue, e or be declared in relation to same, such ons, taking all rightful oaths, providing
IN WITNESS WHEREOF,	, the undersigned inventor(s)	has (have) a	ffixed his/her/their signature(s)	).
ŋ		Hi	rofumi KATO	
(Signal	ture)		(Type Name)	(Date)
2) Thomas Zwn		Takand	ori TSUNASHIMA	May 12/ 2021
(Signal	ture)		(Type Name)	(Date)
3) (Signal	and the state of t	Ma	koto UCHIDA	(1)
( signal	ture)	ر . نبوت	(Type Name)	(Date)
4) (Signat	tiiral	Taka	shi NAKAMURA (Type Name)	(Date)
		A L	1 77	(Duity)
5) (Signat	ture}	AKI	o TAKIMOTO (Type Name)	(Date)
		ന്നു	kao SOMEYA	Anna Anna Maria
6)(Signal	ture)	ı dı	(Type Name)	(Date)
	**	Tom	oyuki YOKOTA	
7)(Signal	ture)	1,7131	(Type Name)	(Date)

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 and The University of Tokyo 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 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) **DETECTION DEVICE** relating to International Patent Application PCT/JP2019/042028; 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 attorney is hereby authorized to insert in (b) the specified Serial No. 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, relisue 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 ASSKINEE 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 liftgation 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). Hirofumi KATO (Type Name) (Date) Takanori TSUNASHIMA (Type Name) (Date) JUAP Uchida. 1,202 Makoto UCHIDA (Type Name) (Date) Takashi NAKAMURA (Signature) (Type Name) (Date) Akio TAKIMOTO (Signature) (Date) (Type Name) Takao SOMEYA (Signature) (Type Name) (Date) Tomoyuki YOKOTA (Type Name) (Date)

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Japan Display Inc.		
3-7-1, Nishi-shinbashi, Minato-ku,	Tokyo 105-0003, Japan	
and		
The University of Tokyo		· · · · · · · · · · · · · · · · · · ·
3-1, Hongo 7-chome, Bunkyo-ku, 1		
(hercinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title ar	is hereby acknowledged, the undersigned ASSIGI	NOR hereby sells, assigns and transfers to
(Title of Invention)	a interest to the invention entitled	
DETECTION DEVICE		
relating to International Patent Application <u>PCT/</u> executed on even date herewith or, if not so execu	<u>JP2019/042028</u> and/or for which application ated, was:	for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of appl	ication, if not concurrent)
(b) filed on		
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which the ASSIGNEE may deem necessary, desing including in the preparation and prosecution of sa reexamination, or public use proceeding, and in an	said ASSIGNEE and without charge to but at the e able or expedient, for securing, maintaining and et id application(s) and the issuance of said Letters P. y litigation or other legal proceeding which may ar papers, including separate assignments and declara idence.	iforcing protection for said invention, stent(s), in any interference, reissuc, ise or be declared in relation to same, suci
IN WITNESS WHEREOF, the undersigned in	ventor(s) has (have) affixed his/her/their signature	(s).
(Signature)	Hirofumi KATO	<u></u>
, • ,	(Type Name)  Tokonori TOLIMA CHIMA	(Date)
2) (Signature)	Takanori TSUNASHIMA (Type Name)	(Date)
3>	Makoto UCHIDA	
( Signature)	(Type Name)	(Date)
4) (Signature)	Takashi NAKAMURA (Type Name)	(Date)
5)	Akio TAKIMOTO	(2 4.0)
(Signature)	(Type Name)	(Date)
6) Jahro Jomes	Takao SOMEYA '	- May 13.2021
(Signature) 7) Tomoyuki Yokota	(Type Name)	(Dale) May 12, 2021
7) 10 mby u K1 to No to. (Signature)	Tomoyuki YOKOTA (Type Name)	(Date)

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**RECORDED: 06/28/2021**