PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7215537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKUTO EGAMI	08/27/2021
SHINYA UEDA	08/27/2021

RECEIVING PARTY DATA

Name:	SHARP NEC DISPLAY SOLUTIONS, LTD.	
Street Address:	4-28, MITA 1-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-0073	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17641393	

CORRESPONDENCE DATA

Fax Number: (703)761-2375

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: 7037614100

Email: admin@mcginniplaw.com

Correspondent Name: MCGINN I.P. LAW GROUP, PLLC

Address Line 1: 8321 OLD COURTHOUSE ROAD, SUITE 200

Address Line 4: VIENNA, VIRGINIA 22182-3817

ATTORNEY DOCKET NUMBER:	SHI.345
NAME OF SUBMITTER:	SEAN M. MCGINN
SIGNATURE:	/Sean M. McGinn/
DATE SIGNED:	03/09/2022

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

PATENT 507168691 REEL: 059211 FRAME: 0602

Docket No.: SHI.345 Only After Sept. 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1,63)

Whereas, We, (1) <u>Takuto EGAMI</u> and (2) <u>Shinya UEDA</u>, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below;

Whereas, Sham NEC Display Solutions, Ltd., 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan, desires to acquire the entire and exclusive right, title, and interest in the application and invention, and to any patents that may be obtained therefor in the United States, in any U.S. territorial possessions, and in any and all foreign countries;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/we, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire and exclusive right, title and interest in the application and the invention disclosed therein for the United States, U.S. territorial possessions, and in any and all foreign countries, including all divisions, and continuations, and continuations-in-part thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues and reexaminations, renewals, and substitutions thereof, and including the right to claim priority under 35 U.S.C. §119, and all rights for past infringement, under the International Convention, and under any other relevant International Treaties and Arrangements, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; I/we will execute without further consideration all papers deemed necessary by the assignee, and generally perform all necessary acts to aid the assignee, its successors and assigns, to obtain and enforce proper protection for the invention in connection with the United States and foreign applications, including but not limited to all divisional, continuation, reissue and other applications for Letters Patent on the invention and execute all assignments thereof to the above named assignee its successors and assigns, when called upon to do so by the assignee; and I/we will communicate to the above named assignee or its representatives all facts known to the undersigned respecting the invention, whenever requested, testify in any legal proceedings in which any of the applications or patents may become involved, and do generally everything necessary to assist the above named assignee its successors or assigns to obtain patent protection for the invention in the United States and foreign countries.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

As the below named inventor	r, I nereby	deciai	e mar:	
This assignment with declars directed to:	tion is		The attached application, or	
			United States Application or PCT International Application Number <u>PCT/JP2019/035657</u> filed on <u>September 11, 2019</u> (Confirmation No).	
The application is entitled:	POSITION	N INFO	DRMATION TRANSMISSION DEVICE, POSITION INFORMATION TRANSMISSION METHOD,	•

The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted, including the claims.

I am aware of the duty to disclose to the U.S Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

[Page 1]

NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Takuto	Family Name or Surname EGAMI			
Inventor's signature Takuto Égami Date Aug. 27, 2021				
Residence: Tokyo, Japan				
Mailing Address: c/o Sharp NEC Display Solutions, Ltd., 4-28, Mita 1	-chome, Minato-ku, Tokyo 108-0073 Japan			
NAME OF SECOND INVENTOR:				
Given Name (first and middle (if any)) Shinya	Family Name or Surname UEDA			
Inventor's signature Shiciya Veda	Date Aq 27, 2021			
Residence: Tokyo, Japan				
Mailing Address: c/o Sharp NEC Display Solutions, Ltd., 4-28, Mita 1	-chome, Minato-ku, Tokyo 108-0073 Japan			
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any})	Family Name or Surname			
÷				
Inventor's signature	Date			
Residence:	\			
Mailing Address;				
NAME OF FOURTH INVENTOR:	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
Given Name				
(first and middle [if any])	Family Name or Surname			
Inventor's signature	Date			
Residence:				
Mailing Address:				
NAME OF FIFTH INVENTOR:				
Given Name				
(first and middle {if any})	Family Name or Surname			
Inventor's signature	Date			
	Date			
Residence:				
Mailing Address:				