PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6751008

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIYA WATANABE	06/01/2021
YOSHIKAZU MATSUO	05/27/2021
SHINJI KAWABATA	05/31/2021
YOSHIMASA ENDO	05/28/2021
KENJI HIDAKA	05/25/2021
DAISUKE KAWABATA	05/31/2021

RECEIVING PARTY DATA

Name:	THK CO., LTD.
Street Address:	2-12-10 SHIBAURA, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-8506

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17295681	

CORRESPONDENCE DATA

Fax Number: (571)395-8753

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.

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Email: patentmail@whda.com

Correspondent Name: WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

Address Line 1: 8500 LEESBURG PIKE

Address Line 2: **SUITE 7500**

Address Line 4: TYSONS, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P210431US00	
NAME OF SUBMITTER:	TSUYOSHI NAKAMURA	
SIGNATURE:	/Tsuyoshi NAKAMURA/	
DATE SIGNED:	06/08/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

REEL: 056472 FRAME: 0230

Total Attachments: 6 source=P210431US00 Dec&Assignment 06 07 2021#page1.tif

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PATENT REEL: 056472 FRAME: 0231

Combined Declaration and Assignment for Utility and Design Patent Applications

DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the is sought on the in	original inventor or an original joint inventor of the subject matter which is claimed and for which a patent vention entitled
Insert Title:	IMAGE INFORMATION PROCESSING DEVICE, GRIPPING SYSTEM, AND IMAGE INFORMATION PROCESSING METHOD
the application of	which is attached hereto unless the following is checked
	as United States Application Number and was filed on October 4, 2019 as PCT ication Number PCT/JP2019/039298 and was amended on (if applicable).
The above-identifi	ed application was made or authorized to be made by me.
	dge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by ent of not more than 5 years, or both.
	ASSIGNMENT
	O VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the tor(s) (hereinafter ASSIGNOR) by
Insert Assignee(s) Name/Address:	THK CO., LTD. 2-12-10 Shibaura, Minato-ku, Tokyo 108-8506 Japan
(hereinafter ASSI	GNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

1

necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒	Toshiya WATANABE	Date:	1/Jun/2021
Inventor's Signature ⇒	Toshiya Watanabe		39,437.4-76
Legal Name of inventor ⇒	Yoshikazu MATSUO	Date:	27/May/2021
Inventor's Signature ⇒	Yoshikazu Matsuo		
Legal Name of inventor ⇒	Shinji KAWABATA	Date:	
Inventor's Signature			
Legal Name of inventor ⇒	Yoshimasa ENDO	Date:	28/May/202/
Inventor's Signature ⇒	Yoshimasa Endo		
Legal Name of inventor ⇒	Kenji HIDAKA	Date:	25/May/202,
Inventor's Signature ⇒	Lenji Bidaka		
Legal Name of inventor ⇒	Daisuke KAWABATA	Date:	
Inventor's Signature			

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The above-identifie	d application was made or authorized to be made by me.
	tge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by nt of not more than 5 years, or both.
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exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

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Doc	кет	IN).:

Westerman, Hattori, Daniels & Adrian, LLP

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Legal Name of inventor ⇒	Toshiya WATANABE	Date:	
Inventor's Signature ⇒			
Legal Name of inventor ⇒	Yoshikazu MATSUO	Date:	
Inventor's Signature ⇒			
Legal Name of inventor ⇒	Shinji KAWABATA	Date:	May 31, 200)
Inventor's Signature ⇒	Shinji Kawabata		/
Legał Name of inventor ⇒	Yoshimasa ENDO	Date:	
Inventor's Signature ⇒			
Legal Name of inventor ⇒	Kenji HIDAKA	Date:	
Inventor's Signature			
Legal Name of inventor ⇒	Daisuke KAWABATA	Date:	
Inventor's Signature ⇒			

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Docket No.:

Westerman, Hattori, Daniels & Adrian, LLP

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Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇔	Toshiya WATANABE	Date:
Inventor's Signature ⇔		
Legal Name of inventor ⇔	Yoshikazu MATSUO	Date:
Inventor's Signature □		
Legal Name of inventor ⇔	Shinji KAWABATA	Date:
Inventor's Signature ⇔		
Legal Name of inventor ⇔	Voshimasa ENDO	Date:
Inventor's Signature ==		
Legal Name of inventor ⇔	Kenji HIDAKA	Date:
Inventor`s Signature ⇒		
Lega! Name of inventor ⇔	Daisuke KAWABATA	Date: 2021, 5, 31
Inventor's Signature ⇒	Daisuke Kawabata	

2