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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
KEISUKE FUJITA			10/23/2019			
RECEIVING PARTY D	ΑΤΑ					
Name:						
Street Address:	15-1 NA	15-1 NAESHIRO-CHO, MIZUHO-KU				
City:	City: NAGOYA-SHI, AICHI-KEN					
State/Country: JAPAN						
Postal Code:	467-85	61				
Property Type		Number				
Property Type Application Number:		Number 16669876				
Application Number: CORRESPONDENCE	DATA					
Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA be sent to	16669876				
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone:	DATA be sent to if provideo	16669876 (202)824-3001 o the e-mail address first; if that is unsuc l; if that is unsuccessful, it will be sent v (202) 824-3000	ria US Mail.			
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email:	DATA be sent to if provided	16669876 (202)824-3001 b the e-mail address first; if that is unsuc i; if that is unsuccessful, it will be sent v (202) 824-3000 bwptopat@bannerwitcoff.com, rblackwell@	ria US Mail.			
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Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	DATA be sent to if provided	16669876 (202)824-3001 b the e-mail address first; if that is unsuc i; if that is unsuccessful, it will be sent v (202) 824-3000 bwptopat@bannerwitcoff.com, rblackwell@ BANNER & WITCOFF, LTD. 1100 13TH ST. NW STE 1200	ria US Mail.			
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Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET I	DATA be sent to if provided	16669876 (202)824-3001 b the e-mail address first; if that is unsuc l; if that is unsuccessful, it will be sent v (202) 824-3000 bwptopat@bannerwitcoff.com, rblackwell@ BANNER & WITCOFF, LTD. 1100 13TH ST. NW STE 1200 WASHINGTON, D.C. 20005 006777.00908	ria US Mail.			
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET IN NAME OF SUBMITTER	DATA be sent to if provided	16669876 (202)824-3001 o the e-mail address first; if that is unsuc i; if that is unsuccessful, it will be sent v (202) 824-3000 bwptopat@bannerwitcoff.com, rblackwell@ BANNER & WITCOFF, LTD. 1100 13TH ST. NW STE 1200 WASHINGTON, D.C. 20005 006777.00908 RYAN A. BLACKWELL	ria US Mail.			
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE:	DATA be sent to if provided	16669876 (202)824-3001 b the e-mail address first; if that is unsuc i; if that is unsuccessful, it will be sent v (202) 824-3000 bwptopat@bannerwitcoff.com, rblackwell@ BANNER & WITCOFF, LTD. 1100 13TH ST. NW STE 1200 WASHINGTON, D.C. 20005 006777.00908 RYAN A. BLACKWELL /Ryan A. Blackwell/	ria US Mail.			

2018-00668US00/58BC10

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ASSIGNMENT

		(1)	Keisuke FUJITA	(5)				
(1-8)	insert	(2)		(6)				
	Name(s) of Inventor(s)	(3)		(7)				
		(4)		(8)				
				one dollar (\$1.90) and other good and valuable considerations paid designed agree(s) to assign, and hereby does assign, transfer and s				
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA					
(10)	Insert Address of Assignee	(10)	15-1 Nasshiro cho, Mizuho	rku, Nagoya-shi Alchi 467-8561, Japan				
			as defined in 35 U.S.C. §100, it provisional, non-provisional, divisional, div	signee) the entire right, title and interest for the United States of Americ 1 the invention, and in all applications for patent including any and a ional, continuation, substitute, and reissue application(s), and all Letter repramination certificates that may be granted on the invention known a				
(11)	Insert Identification		PRINTING SYSTEM					
	Identification	(11)	A REAL TO REAL AND IS A DIA DIALA					
	Identification of Invention such as Title, Case							
	Identification of Invention	, , , , В	(Allomey Docket No.					
	Identification of Invention such as Title, Case Number, or Foreigi	, , , , В	(Attorney Docket No.	ve) executed an application for patent in the United States of America				
(12)	Identification of Invention such as Title, Case Number, or Foreigi	, , , , В	(Attorney Docket No.					
(12) (13)	Identification of Invention such as Title, Case Number, or Foreig Application Numbe Insert Date of Signing of	3	(Attorney Docket No.					

 The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

 The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or continm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of Banner & Witcoff, LTD the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Oce. 23, 2019	Name of Inventor	<u>Keisuke Fujita</u>	(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)

PATENT REEL: 050889 FRAME: 0081

RECORDED: 11/01/2019