PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5975180

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
WATARU HASEGAWA	02/19/2020
KOICHI TSUGIMURA	02/19/2020

RECEIVING PARTY DATA

Name:	BROTHER KOGYO KABUSHIKI KAISHA		
Street Address:	15-1 NAESHIRO-CHO, MIZUHO-KU		
City:	NAGOYA-SHI, AICHI-KEN		
State/Country:	JAPAN		
Postal Code:	467-8561		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16797203		

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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.

Email: dlizama@merchantgould.com

E. JOSEPH GESS Correspondent Name: Address Line 1: P.O. BOX 2903

Address Line 2: MERCHANT & GOULD PC

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	04484.0129FP01	
NAME OF SUBMITTER:	ANDREW J. LAGATTA	
SIGNATURE:	/Andrew J. Lagatta/	
DATE SIGNED:	02/21/2020	

Total Attachments: 1

source=2020-02-21_04484-0129FP01-Assigment#page1.tif

PATENT REEL: 051885 FRAME: 0917 505928462

ASSIGNMENT

		(1)	Wataru HASE	GAWA	(5)	Addy	
(1-8) Insert Name(s) of Inventor(s)		(2)	Koichí TSUGII	MURA	(6)		
	(3)			(7)			
		(4)					
•						and valuable considerations paid to ereby does assign, transfer and set	
(9)	Insert Name of Assignee	(9)	BROTHER KO	OGYO KABUSHIKI	KAISHA		
(10)	Insert Address of Assignee	(10)	15-1 Naeshlro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan				
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of Americas defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and a provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letter Petent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification	(11)	PRINTING AF	PARATUS	·		
	of Invention such as Title, Case						
	Number, or Foreign Application Number		(Attorney Docke	et No.)	
			for which the und	lersigned has (have) e	xecuted an application for pate	nt in the United States of America	
(12)	Insert Date of Signing of Application	(12)	on <u>Peb</u>	, 19,2020			
(13)	Alternative	(13)	U.S. application	Serial Number	16/797,203		
Identification for filed applications			filed	Febru	ary 21, 2020		
1) 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. 3) 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 confirm 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 Merchant & Gould P.C. the power to insert on this assignment any further identification which may be necessary or destrable in order to comply with the rules of the United States Patent and Trademark Office for							
	on of this document,		any or doon door	iii oldor to oompy w	, mo raids of the emited office	50 1 didn't dild Tradition Ciliad In	
	· 1		-	-	s) opposite the undersigned r	ame(s).	
Date	- Fcb. 19.	ەر .	120	Name of Inventor	Watava HASEG Wataru HASEGAWA	AWFY(SEAL)	
Date	Feb. 19	20	20	Name of Inventor	Koichi TSUGIMURA	URA(SEAL)	
Date						(SEAL)	
Date				Name of Inventor		(SEAL)	
Date				Name of Inventor		(SEAL)	
Date		•		Name of Inventor		(SEAL)	

PATENT REEL: 051885 FRAME: 0918

RECORDED: 02/21/2020