505870420 01/17/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Toshiya INADA	01/17/2020

RECEIVING PARTY DATA

Name:	Brother Industries, Ltd.		
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:	29721079				

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	190002
NAME OF SUBMITTER:	VARSHA RAVICHANDRAN
SIGNATURE:	/Varsha Ravichandran/
DATE SIGNED:	01/17/2020

Total Attachments: 1

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PATENT REEL: 051546 FRAME: 0582

505870420

ASSIGNMENT

		(1)	Toshiya INAI	DA		(5)			
(1-8)	Insert	(2)				(6)			
	Name(s) of Inventor(s)	(3)				(7)			
		(4)							
		• •	In conside	ration of the su	ım of one	dollar (\$1.00)	and other go assign, and	od and valuable I hereby does a	e considerations paid to assign, transfer and set
(9)	Insert Name of Assignee	(9)	Brother Indu	stries, Ltd.					
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-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 America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as						
(11)	Insert Identification	(11)	PRINTER						
	of Invention such as Title, Case			_					
	Number, or Foreign Application Number		(Attorney Doc	ket No.		190002			
			for which the ur	ndersigned has	(have) ex	ecuted an app	lication for pa	atent in the Unite	ed States of America
(12)	Insert Date of Signing of Application	(12)	on	Jan. 17,	202	.0			
(13)	Alternative Identification for filed applications	(13)	U.S. applicatio	n Serial Numbe	er				
applicat any app Assigne claims of reexami States r full right herewith	applications for the inions and patents as the 2) The undersigned lication or continuation e in every way possible 3) The undersigned or provisions of the Interest 4) The undersigned nation a grant of a validation a grant of a validation of the undersigned esulting from said appleto convey the entire in the interest and the int	ventice Assi agree or diversition of agree rnation agreed Unit hereb dication teresi	on, and any pate ignees may deer e(s) to execute a vision thereof, or obtaining evidence e(s) to execute a smal Convention in e(s) to perform the States paten by authorize(s) at therein assigned	ent(s) issuing to m necessary. all papers nece any patent or ree and going for all papers and for Protection of all affirmative t to the Assignand request(s) the Assignee, as A d, and that he is	ssary in creissue ap ward with document of Industria acts whice ee. The Commits assigned to the property in the Commits as a commi	onnection with plication base such interfere s and perform il Property or s in may be necissioner of Pat of the entire in nave) not exect	cute separate any interfered thereon, for noe. any act whice imilar agreem ressary to obserts to issue erest, and he uted, and will to insert on the same contents to insert on the same contents.	e assignments in ance which may the invention, and the may be necessents. It is any and all Lettereby covenants not execute, and this assignment.	continuing, divisional or in connection with such the declared concerning and to cooperate with the researcy in connection with the researcy in connection with the research of the United that he has (they have) by agreements in conflict any further identification ce for recordation of this
	In witness whereof,							_ ,	
Date	Jan. 17,	20	20	_ Name of Ir	ventor _	Tushing	ra M	rado	(SEAL)
Date	•		_	_ Name of Ir	ventor _				(SEAL)
Date				_ Name of Ir	nventor _				(SEAL)
Date				_ Name of Ir	ventor _				(SEAL)
Date	•		-	_ Name of Ir	nventor _				(SEAL)
Date	<u>.</u>			Name of Ir	ventor				(SEAL)

PATENT REEL: 051546 FRAME: 0583

RECORDED: 01/17/2020