505465544 05/08/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Masahide ASANO	04/25/2019

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:	29690445		

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.

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ATTORNEY DOCKET NUMBER:	186255
NAME OF SUBMITTER:	NAHOME MEKONNEN
SIGNATURE:	/Nahome Mekonnen/ For James Oliff
DATE SIGNED:	05/08/2019

Total Attachments: 1

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PATENT 505465544 REEL: 049113 FRAME: 0846

ASSIGNMENT

		(1)	Masahide AS	ANO	(5)			
(1-8) Insert Name(s) of Inventor(s)	Insert	(2)			(6)			
	* *	(3)						
		()	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer a over to					
(9)	Insert Name of Assignee	(9)	BROTHER IND	USTRIES,LTD.,				
(10)	Insert Address of Assignee	(10)	15-1 Nacshiro-	cho, Mizuho-ku, Nag	oya-shi, Aichi-ken, 467	-8561 Japan		
			as defined in 38 provisional, non-	and interest for the Uni pplications for patent e, and reissue applicat tt may be granted on the	including any and all ion(s), and all Letters			
(11)	Insert Identification of Invention	(11)	AUTO DOCUMENT FEEDER					
of Invention such as Title, Ca Number, or Forel Application Num		jn	(Attorney Dock	et No1	86255			
			for which the un	dersigned has (have) e	executed an application	for patent in the United	States of America	
(12)	Insert Date of Signing of Application	(12)	on	Apr. 25, 20	19	Alle - V		
(13)	Alternative Identification for filed applications	(13)	U.S. application	Serial Number				
applicate any applicate any applicate any applicate any applications of the control of the contr	ions and patents as to 2) The undersigne blication or continuation in every way possiling 3) The undersigner provisions of the Intervision a grant of a variation a grant of a variation from said agent to convey the entire intervision.	the Ass ad agree on or di ble in o ad agree ternation ad agree alid United herel oplication interes	ignees may deeme(s) to execute all vision thereof, or a btaining evidence e(s) to execute all onal Convention for e(s) to perform a ted States patent by authorize(s) an on(s) to the said A therein assigned by grant(s) the firm	n necessary. I papers necessary in any patent or reissue a and going forward wit I papers and document or Protection of Industration and the Assignee. d request(s) the Communication and that he has (they more of OLIFF & BERRI	connection with any int pplication based thereo h such interference. Into and perform any activate property or similar activation because of the entire interest, and have) not executed, and DGE the power to insert the United States Patents	erference which may be n, for the invention, and which may be necess greements. to obtain, maintain or ssue any and all Letter nd hereby covenants the d will not execute, any	ne declared concerning it to cooperate with the sary in connection with confirm by reissue or s Patents of the United nat he has (they have agreements in conflicing further identification	
	In witness whereo	f, exec	uted by the unde	rsigned on the date(s) opposite the unders	igned name(s).		
Date	e Apr	25,	2019	Name of Inventor	Musahide	Asano	(SEAL)	
Date	e			Name of Inventor			(SEAL)	
Date	e			Name of Inventor			(SEAL)	
Dat	e			Name of Inventor			(SEAL)	
Date	e			Name of Inventor			(SEAL)	
	_			Name of Inventor			(SEAL)	

PATENT REEL: 049113 FRAME: 0847

RECORDED: 05/08/2019