EPAS ID: PAT3998251

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date					
Masayoshi MITA	07/28/2016					
Jihoon KIL	07/28/2016					
Keiichiro EGAMI	07/29/2016					

RECEIVING PARTY DATA

Name:	rother Industries, Ltd.						
Street Address:	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi						
City:	Aichi-ken						
State/Country:	JP						
Postal Code:	467-8561						

PROPERTY NUMBERS Total: 1

Property Type	Number							
Application Number:	29568094							

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.

703-836-6400 Phone: 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: 171381 NAME OF SUBMITTER: JAMES A. OLIFF **SIGNATURE:** /James A. Oliff/ **DATE SIGNED:** 08/09/2016

Total Attachments: 1

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PATENT REEL: 039633 FRAME: 0154 503951595

ASSIGNMENT

		(1)	Masayoshi Ml	TA			(5)									_		
(1-8)	Insert	(2)	Jihoon KIL				(6)											
	Name(s) of Inventor(s)	(3)	Keiichiro EGA	MI			(7)											
		(4)																
			In considera each of the under over to	ition of the sum ersigned, the un														
(9)	Insert Name of Assignee	(9)	Brother Industries, Ltd.															
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan															
			(hereinafter designas defined in 35 provisional, non-Patent, extension	U.S.C. §100, provisional, divis	in the i sional, o	nvent contin	ion, and uation,	d in al substi	l appii tute, a	catio	ns for eissue	r pat e app	tent i olicati	incl on(luding (s), a	ga: and	ny ar all Lo	nd all etters
(11)	Insert Identification	(11)	PRINTER	\$\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\														
	of Invention such as Title, Case																	
	Number, or Foreign Application Number		(Attorney Docke	et No.		1	71381											
			for which the unc		•		•											
(12)	Insert Date of Signing of Application	(12)	on	Jul.	28	<i>[</i> —	201	4			<u>, </u>	<u>J</u>	ul.		<u> 29</u>		20	16
(13)	Alternative Identification for filed applications	(13)	U.S. application	Serial Number une 15, 2016	_29	/568,	094											
applicat any app Assigne claims of reexami States r full right	6) The undersigned hay be necessary or c	nventione Assided agreed or divided in old agreed ernation agreed in the residual agreed in	in, and any patengness may deem goes may deem goes may deem goes to execute all rision thereof, or a patalning evidence goes to execute all mal Convention for goes to perform a goed States patent to a year the goes to the said A therein assigned, by grant(s) the firm	ti(s) issuing their necessary. papers necessary necessary patent or reise and going forware papers and door Protection of life affirmative action the Assignee, direquest(s) the ssignee, as Assigned and that he has and folders & Burn of OLIFF & Burn of O	ary in cossue apoint with comments which Comming ignee of they have been supported by the comminus of the comm	onned plication on the plication of the place of the plac	ction with the control of the contro	ecute h any ed there ence. n any similar cessa itents f iterest cuted, r to in:	interfeeon, for act whe agreery to consiste and hand we sert on	ate a rencor the lich remen obtain e any nereb ill no	e whice inverting by the may be ts. If many experience of the control of the con	mention oe ne iintair all L enai cute, gnme	ts in nay be nay be nay be necess nor or etters nts th any a	e d to ary cor at agr	nneconecopy In coopy In confirm atent he had been further	red personn by ts of as (lents	with concate with nection relass fithe lift (they is in contactification)	eming ith the in with sue or United have) conflictions
	In witness whereof	_		rsigned on the	date(s)	oppo	osite th	e und	ersign	ed n	ame(s). 、						
Date	, Jal.	28	, 2016	Name of Inve	entor _	B	ENO	iya	24	li	n	n	te.	`		_	(SEA	NL)
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Date	Jul.	29	, 2016	Name of Inve	entor _	K	en	hi	w	£	gan	m	<i>-</i>				(SEA	AL)
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Date	·			Name of Inve	entor _											_	(SEA	AL)
Det				Name of Inve	entor												(SEA	413

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RECORDED: 08/09/2016