## 503753771 03/25/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
ATSUSHI HAYAKAWA	03/22/2016

#### **RECEIVING PARTY DATA**

Name:	BROTHER KOGYO KABUSHIKI KAISHA		
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number			
Application Number:	15080735			

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	STEPHEN P. BURR
SIGNATURE:	/Stephen P. Burr/
DATE SIGNED:	03/25/2016

**Total Attachments: 1** 

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PATENT 503753771 REEL: 038099 FRAME: 0537

### ASSIGNMENT

		(1)	Atsushi HAY	/AKAWA	(	5)					
(1-8) Insert Name(s) of Inventor(s)	Insert	(2)			(	6)					
	(3)										
		(4)									
		,,	In considera		dollar (\$1.00)	and other goo	d and valuable cons	siderations paid to each			
(9)	Insert Name of Assignee	(9)	BROTHER I	BROTHER KOGYO KABUSHIKI KAISHA							
(10) Insert Address of Assignee		(10)	15-1 Naeshir	o-cho, Mizuho-ku, Na	goya, Aichi, 4	67-8561, Japa	n				
or warding	<b>.</b>		defined in 35 to non-provisional	J.S.C. §100, in the inv	ention, and in ation, substitu	all applications te, and reiss	s for patent includir sue application(s),	ited States of America ng any and all provision and all Letters Pate ion known as			
(11)	Insert Identification	(11)	IMAGE FOR	MING APPARATUS	PROVIDED	WITH SWITC	CHING MECHANI	ISM FOR			
	of Invention such as Title, Case		SWITCHING	TRANSMISSION S	TATE OF DR	IVE FORCE					
	Number, or Foreign Application Number		(Attorney Doc	ket No.							
			for which the u	ndersigned has (have)							
(12)	Insert Date of Signing of Application	(12)	on $N$	lar. 22, 201	1.6						
(13)	Alternative	(13)	U.S. application	n Serial Number							
	Identification for filed applications		filed								
patents a application. Assigned claims of reexaminations. States resign to of herewith.	as the Assignees may 2) The undersigned on or continuation or a in every way possibl 3) The undersigned of provisions of the Inte 4) The undersigned attorn a grant of a vali 5) The undersigned sulting from said app convey the entire Inte 6) The undersigned ay be necessary or c	deem agree division ob agree emation di agree di Unite hereb di cation erest hereb	necessary. (s) to execute a on thereof, or a taining evidence (s) to execute hal Convention to e(s) to perform d States patent y authorize(s) a of (s) to the said herein assigned, y grant(s) the fi	all papers necessary in any patent or relistic at early going forward with all papers and docum for Protection of Industrall affirmative acts value to the Assignee, and request(s) the Con Assignee, as Assignee and that he has (the lim of Burr & Brown,	a connection was application based the such interference and perference and perfe	th any interference thereon, frence, orm any act v similar agreer necessary to Patents to issunterest, and heccuted, and v wer to insert of the second similar agreements.	ence which may be or the invention, and which may be necessarily to be necessarily to the invention of the content of the cont	with such applications are declared concerning a not to cooperate with the assary in connection where confirm by relssue ers Patents of the Unite at he has (they have) from any further identification of the cooperation of			
				ersigned on the date(							
Date	<u> Mar. 22</u>	,2	0(6	Name of Inventor	Atsushi HAY	U HAYAK	awa	(SEAL)			
Date	<b>P. P. M. M. M.</b> M.			Name of Inventor				(SEAL)			
Date				Name of Inventor				(SEAL)			
Date				Name of Inventor				(SEAL)			
Date				Name of Inventor				(SEAL)			
Date				Name of Inventor				/SEAL			

PATENT REEL: 038099 FRAME: 0538