504294736 03/28/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4341417

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

#### **CONVEYING PARTY DATA**

Name	Execution Date		
TORU KAKIUCHI	03/23/2017		

### **RECEIVING PARTY DATA**

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Postal Code:	467-8561

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number					
Application Number:	15472056					

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	04484.0105FP01
NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	03/28/2017

**Total Attachments: 1** 

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PATENT 504294736 REEL: 041771 FRAME: 0173

## **ASSIGNMENT**

		(1)	Toru KAKIUC	HI .		(5)	·					
(1-8)	insert	(2)				(6)						
•	Name(s) of Inventor(s)	(3)				(7)						
	'	(4)	• .									
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(9)	Insert Name of Assignee	(9)	BROTHER KO	OGYO KABL	JSHIKI KAI	SHA				٠.	•	
(10)	Insert Address of Assignee	(10)										
		•	as defined in 35 provisional, non-	(hereinafter designated as the Assignee) the entire right, tills and interest for the United States of Amer as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and provisional, non-provisional, divisional, continuation, substitute, and release application(s), and all Lett Patent, extensions, reissues and reexamination certificates that may be granted on the invention known								
(11)	insert Identification	. (11)	ACTUATOR	DEVICE,	LIQUID	EJECTIO	ON A	PPAR	ATUS,	AND	CONNECTION	
	44 44		STRUCTURE			·					<b>—</b>	
	of Invention such as Title, Case Number, or Foreign Application Numbe	) ·	(Attorney Docks									
	Abhiogram	•	, ,	•							States of America	
(12)	Insert Date of Signing of Application	(12)	on M	ar. 23,	,2017		•	<del>-</del> ,				
(13)	Alternative	(13)	U.S. application	Serial Numbe	г <u>.15/4</u>	72,056	··					
	Identification for filed applications  1) The undersigned		filed Man	rch 28, 20	17		•			•		
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**RECORDED: 03/28/2017** 

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