PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYUJI NODA	03/19/2015
TAKASHI SHIMIZU	03/19/2015
KEITA SHIMIZU	03/19/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15240654		

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NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	08/18/2016

Total Attachments: 1

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PATENT 503966999 REEL: 039478 FRAME: 0277

ASSIGNMENT

		(1)	Ryuji NOD	A	(5)				
(1-8) Insert Name(s) of Inventor(s)	(2)	Takashi SH	IIMIZU	(6)					
	(3)		1IZU						
		(4)	(8)						
			In conside	ration of the sum of one c	lollar (\$1.00) and other good and valuable considue(s) to assign, and hereby does assign, transfer	lerations paid to each o			
(9)	Insert Name of Assignee	(9)							
(10) Insert Address of Assignee			15-1 Naeshiro-cho, Mizuho-ku, Nagova, Aichi, 467-8561, Japan						
	.		(hereinafter designated as the Assignee) the entire right, title and interest for the United States of A defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all p non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letter extensions, reissues and reexamination certificates that may be granted on the invention known as						
(11)	Insert Identification	(11)	DEVELOP	ING CARTRIDGE PRO	VIDED WITH RECEIVING MEMBER CAPA	BLE OF			
	of invention such as Title, Case	1	EFFICIEN	TLY TRANSMITTING I	DRIVE FORCE TO DEVELOPER CARRIER	ANGERICA CONTRACTOR OF THE STATE OF THE STAT			
	Number, or Foreign Application Numbe		(Attorney De	ocket No.)			
	.,		for which the		executed an application for patent in the United Si				
(12)	insert Date of Signing of Application	(12)	on	Mar. 19, 2015	<u></u>				
(13)	Alternative	(13)	U.S. applicat	ion Serial Number	14/546,005				
	identification for filed applications		filed	November 18, 2014					
patents application Assigned or provise reexamile States regight to herewith	as the Assignees may 2) The undersigned on or continuation or e in every way possibl 3) The undersigned tions of the Internation 4) The undersigned ration a grant of a vali 5) The undersigned essulting from said app convey the entire inter- tion The undersigned as a possible of the inter- tion The undersigned as a possible of the inter- tion The undersigned as be necessary or company The undersigned	deen agree divisi e in oi agree al Coi l agree d Unit heret licatio	n necessary. e(s) to execute on thereof, or btaining evider e(s) to execute evention for Pr ee(s) to perfor ed States pate oy authorize(s) n(s) to the sai perein assigne oy grant(s) the	all papers necessary in any patent or reissue a noe and going forward with all papers and document otection of Industrial Propm all affirmative acts went to the Assignee. and request(s) the Comd Assignee, as Assignee d, and that he has (they firm of Banner & Witco	execute separate assignments in connection with connection with any interference which may be application based thereon, for the invention, and a such interference. Is and perform any act which may be necessary is entry or similar agreements. Thick may be necessary to obtain, maintain or missioner of Patents to issue any and all Letter of the entire interest, and hereby covenants that have) not executed, and will not execute, any off, LTD the power to insert on this assignment the United States Patent and Trademark Office.	declared concerning any of to cooperate with the niconnection with claims confirm by reissue or a Patents of the United the has (they have) full agreements in conflict any further identification			
	In witness whereof,	exec	ated by the ur		opposite the undersigned name(s).				
Date	Mar. 19,	20	12	Name of Inventor	Ryuji NODA	(SEAL)			
Date	Mar. 19,	20	(5	Name of Inventor	Tabashi Shimzu	(SEAL)			
Date	mar. 19,	2	015	Name of Inventor	Heita Shimizu Keita Shimizu	(SEAL)			
Date		****		Name of Inventor		(SEAL)			
Date	принципальный принципальный 			Name of Inventor		(SEAL)			
Date				Name of Inventor		(SEAL)			

PATENT REEL: 039478 FRAME: 0278

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