# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2925065

SUBMISSION TYPE: NATURE OF CONVEYANCE:						
		Corrective Assignment to correct the RECEIVING PARTIES AND THE INCORRECT ASSIGNMENT FILED previously recorded on Reel 025883 Frame 0025. Assignor(s) hereby confirms the NEW RECEIVING PARTY AND NEW ASSIGNMENT.				
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
NOBORU NITTA			05/07/2014			
HIDEYUKI AKABA			05/14/2014			
RECEIVING PARTY DA	ТА					
Name:	TOSHIBA	TEC KABUSHIKI KAISHA				
Street Address:	1-11-1, Os	saki, Shinagawa-ku				
City:	Tokyo					
State/Country:	JAPAN					
Postal Code:	141-0032					
PROPERTY NUMBERS	Total: 1					
Property Type		Number				
Patent Number:	85	00256				
CORRESPONDENCE D	ΑΤΑ					
Fax Number:		3)623-4846				
		e e-mail address first; if that is unso that is unsuccessful, it will be sent				
Phone:	71	3-623-4844				
		nes@pattersonsheridan.com,				
Correspondent Name:	•	docketing@pattersonsheridan.com TTERSON & SHERIDAN, L.L.P.				
Address Line 1:		GREENWAY PLAZA, SUITE 1600				
Address Line 4:	HOUSTON, TEXAS 77046					
ATTORNEY DOCKET NUMBER:		TTEC/1464US				
ATTORNEY DOCKET NU	JMBER:	TTEC/1464US				
	JMBER:	TTEC/1464US FREDERICK D. KIM				
NAME OF SUBMITTER:	JMBER:					
ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	JMBER:	FREDERICK D. KIM				
NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 6		FREDERICK D. KIM /Frederick D. Kim/ 07/03/2014				
NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	arkedUp_As	FREDERICK D. KIM /Frederick D. Kim/ 07/03/2014 ssignment#page1.tif				

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TO:PATTERSON & SHERIDAN, L.L.P. COMPANY:3040 POST OAK BOULEVARD

		PATENT ASSIGNMENT	Γ				
lectronic Version v1. tylesheet Version v1.		03/01/2011 501453295					
SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYA	NCE:	ASSIGNMENT					
CONVEYING PARTY D/	ATA	T					
		Name	Execution Date				
Noboru Nitta			02/22/2011				
Hidəyuki AKABA			02/22/2011				
RECEIVING PARTY DA	TA						
Name:	<del>(abushiki Ka</del> i	<del>sha Toshiba -</del>					
Street Address:	1, Shibaura	<del>-1 ohome, Minato ku -</del>					
City:	<del>okyo-</del>						
State/Country:							
Postal Code:	41-8664						
Name:	Toshiba Tec Kabushiki Kaisha						
Street Address: 2	2-17-2, Higashigotanda, Shinagawa-ku						
	JAPAN						
	141-8664						
PROPERTY NUMBERS	Total: 1						
Property Type	e	Numb	er				
		13038262					
CORRESPONDENCE D	ATA						
Fax Number:	(713)623		<i></i>				
<i>Correspondence will be</i> Phone:	<i>sent via US</i> 713-623	Mail when the fax attempt is unsuccessi	ful.				
Phone: Email:							
Correspondent Name:	mdiodato@pattersonsheridan.com dent Name: PATTERSON & SHERIDAN, L.L.P.						
Address Line 1:		OST OAK BOULEVARD					
Address Line 2:	SUITE 1500						
Address Line 4:	HOUST	ON, TEXAS 77056					

### 3/16/2011 6:53:05 AM PAGE 5/005 Fax Server

# TO:PATTERSON & SHERIDAN, L.L.P. COMPANY:3040 POST OAK BOULEVARD

ATTORNEY DOCKET NUMBER:	TTEC/1464US
NAME OF SUBMITTER:	Keith P. Taboada
Total Attachments: 2 source=TTEC1464ASSIGN#page1.tif source=TTEC1464ASSIGN#page2.tif	

### ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

NOBORU NITTA c/o Intellectual Property Division, Toshiba TEC Kabushiki Kaisha 1-11-1, Osaki, Shinagawa-ku Tokyo 141-0032, Japan   2)   HIDEYUKI AKABA c/o Intellectual Property Division, Toshiba TEC Kabushiki Kaisha 1-11-1, Osaki, Shinagawa-ku Tokyo 141-0032, Japan				A REAL PROPERTY AND A REAL PROPERTY A REAL PROPERTY A REAL PROPERTY AND A REAL PROPERT	6
1) c/o Intellectual Property Division, Toshiba TEC Kabushiki Kaisha 1-11-1, Osaki, Shinagawa-ku 2) c/o Intellectual Property Division, Toshiba TEC Kabushiki Kaisha 1-11-1, Osaki, Shinagawa-ku	CE STOR		{	1 1	ι.
	1)	c/o Intellectual Property Division, Toshiba TEC Kabushiki Kaisha 1-11-1, Osaki, Shinagawa-ku	2)	c/o Intellectual Property Division, Toshiba TEC Kabushiki Kalsha 1-11-1, Oseki, Shinagawa-ku	

(hereinafter referred to as Assignors), have invented a certain invention entitled:

# INKJET HEAD DEVICE AND METHOD OF CONTROLLING INKJET HEAD

for which an application for Letters Patent in the United States:

is executed concurrently herewith.

was executed on was filed on Marc

was filed on <u>March 1, 2011</u>, under Serial No <u>13/038,262</u>, and issued as U.S. Patent No. 8,500,256 on August 6, 2013.

WHEREAS, Toshiba Tec Kabushiki Kaisha, a Japanese corporation, having a business address at 1-11-1, Oseki, Shinagawa-ku, Tokyo 141-0032 JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, In consideration of good and valuable consideration acknowledged by said Assigners to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said invention in any and all countries pursuant to the international Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application, substitution, continuation or continuation-in-part of said Application; and (d) in and to each and every relissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with seld Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assigners shall include prompt production of partinent facts and documents, giving testimony, execution of patitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of eald applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing, continuation-in-part or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancetlation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignee.

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#### Any, Docket No. TTEC/1484US

The term and covenants of this agreement shall inure to the benefit of said Assignee, 3. Its successors, assigns and other legal representatives, and shall be binding upon seld Assignors, their respective heirs, legal representatives and assigns.

Said Assignors hereby warrant and represent that they have not entered and will not 4. enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) May 7, 2014, (DATE) <u>Moborn Nitta</u> 2) <u>May 14, 2014</u> (DATE) <u>Hidespulai</u> <u>Ababa</u> HIDEYUKI AKABA

PATENT REEL: 033271 FRAME: 0338

**RECORDED: 07/03/2014**