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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi SATOU	07/12/2013
Shuusuke IWATA	07/12/2013

RECEIVING PARTY DATA

Name:	Ricoh Company, Ltd.	
Street Address:	3-6, Nakamagome 1-chome, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	143-8555	

PROPERTY NUMBERS Total: 1

	Property Type	Number
At	oplication Number:	13943961

CORRESPONDENCE DATA

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	419195US28
NAME OF SUBMITTER:	Arielle Adams
Signature:	/Arielle Adams/
Date:	07/17/2013

PATENT REEL: 030815 FRAME: 0199 DP \$40,00 139439

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> PATENT REEL: 030815 FRAME: 0200

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	INK JET RECORDING DEVICE AND ME RECORDING HEAD	THOD OF DRIVING INK JET
As the below name	ed inventor, I hereby declare that:	
This declaration \boxtimes	The attached application, or	
is directed to: United States application or PCT international application number filed on		
The above-identifie	ed application was made or authorized to be made by	/ me.
I believe that I am t	the original inventor or an original joint inventor of a	a claimed invention in the application.
WHEREAS, RICOH COMPANY, LTD. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
by fine or imprison	wledge that any willful false statement made in this d ment of not more than five (5) years, or both.	leclaration is punishable under 18 U.S.C. 1001
LEGAL NAME O	FINVENTOR	
Inventor: TAKA	SHI SATOU	Date: July 12, 2013
Signature:	Takashi Saton	·

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 030815 FRAME: 0201

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of INK JET RECORDING DEVICE AND METHOD OF DRIVING INK JET RECORDING HEAD		
As the below named inventor, I hereby declare that:		
This declaration \(\sum \) The attached application, or		
is directed to: United States application or PCT international application number filed on		
The above-identified application was made or authorized to be made by me,		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, RICOH COMPANY, LTD. (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the international Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor: SHUUSUKEIWATA Date: July 12, 2013		
Signature: Shunsuke Wwata		

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PATENT REEL: 030815 FRAME: 0202

RECORDED: 07/17/2013