10-22-2003



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U.S. Department of Commerce Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and Address of Receiving Party(ies): 1. Name of Conveying Party: Ryuta ONO Name: RISO KAGAKU CORPORATION 10-9.03 Street Address: 2-20-15 Shinbashi, Minato-ku ☐ Additional names of conveying parties attached. City, State, Zip: Tokyo, Japan 3. Nature of Conveyance X Assignment □ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: ☐ Additional name(s) and address(es) attached. Execution Date: October 6, 2003 4. (B) Patent Number(s): 4. (A) Patent Application Number(s): 10681525 Not yet assigned If this document is being filed together with a new application, the execution date of the application is: October 6, 2003 ☐ Additional Numbers Attached. 6. Total Number of Applications and Patents Involved: 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: 7. Total Fee: Gary M. Nath Name: \$ 40.00 Address: **NATH & ASSOCIATES** (37 CFR 3.41) 1030 15th Street, N.W. - 6th Floor Washington, D.C. 20005 X Enclosed. ☐ Authorized to be charged to deposit account. 8. Deposit Account Number: 14-0112 DO NOT USE THIS SPACE 9. Statement and Signature: To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Gary M. Nath, Reg. No. 26,965 Name of Person Signing Marvin C. Berkowitz, Reg. No. 47,421 Customer No. 20,529 Attorney Docket No.: 25748 Total number of pages comprising cover sheet: 1

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PATENT REEL: 014602 FRAME: 0835

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to Ryuta ONO hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful APPARATUS FOR INK-JET RECORDING, AND METHOD FOR CONTROLLING INK-JET RECORDING APPARATUS hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, RISO KAGAKU CORPORATION, a corporation organized and existing under the laws of the country/state of Japan, whose post office address/business address is 2-20-15, Shinbashi, Minato-ku, Tokyo, Japan hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) transfer(s) to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

> PATENT REEL: 014602 FRAME: 0836

ASSIGNMENT

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By: Aguta Ono	
Inventor's Name: Ryuta ONO	Date
(first or first inventor)	
	October 6, 2003
By:	
Inventor's Name:	Date
(second inventor)	
By:	
Inventor's Name:	Date
(third inventor)	Date
By:	 Date
(fourth inventor)	Date
By:	
Inventor's Name: (fifth inventor)	Date
By:	
Inventor's Name:	Date
(sixth inventor)	

PATENT REEL: 014602 FRAME: 0837