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U.S. Department of Commerce PTO-1595 RECC Patent and Trademark Office 101307460 To the Honorable Commissioner of Patents and Please record the attached original documents or copy thereof 2. Name and address of the receiving party(ies): 1. Name of the conveying party(les) Sony Corporation Hidehiko Funayama 7-35 Kitashinagawa, 6-Chome, c/o Sony Corporation 7-35 Kitashinagawa, 6-Chome, Shinagawa-Ku, Tokyo, Japan Shinagawa-Ku, Tokyo, Japan Takatoshi Iwanabe Additional Names(s) and Address(es) Attached c/a Sany Corporation [ ] Yes [ X ] No 7-35 Kitashinagawa, 6-Chome, Shinagawa-Ku, Tokyo, Japan Additional name(s) of conveying party(les) attached? No 3. Nature of conveyance: Merger <u>X</u> Assignment Change of Name Security Agreement Other Execution Date(s): May 10, 1999 4. Application Number(s) or Patent Number(s) If this document is being filed together with a new application, the execution date of the application is: B. Patent No(s). A. Patent Application No(s). 09/321,310 Filed: May 27, 1999 Additional Numbers Attached? [ ] Yes 6. Total number of Applications and Patents involved 1 5. Name and address of party to whom correspondence should be mailed: Adam H. Tachner, Esq. 7. Total Fee (37 CFR § 3.41) . . . . . . \$ 40.00 CROSBY, HEAFEY, ROACH & MAY [X ] Enclosed [ ] Previously Paid 4 Embarcadero Ctr., Ste. 1900 406 [ ] Authorized to be charged to Deposit Account P.O. Box 7936 San Francisco, California 94120-7936 8. Deposit Account No. 03-3821. Please reference Attorney (415) 659-5903 (telephone) / (415) 391-8269 (fax) Docket No. 21778.02300 (Attach duplicate copy if paying by Deposit Account) DIRECT DIAL: (415) 659-5911 Docket No. 21778.02300 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. April 19, 2000 Dmitry Millkovsky Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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Box Assignments

Washington, DC 20231

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## **ASSIGNMENT**

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in INK RIBBON CARTRIDGE AND PRINTER

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

•	
And I hereby authorize and request my attorney(s) of record in this application in the spaces that follow: Serial Number:	lication to insert the serial number and filing date of, Filing Date:
This assignment executed on the dates indicated below.	
HIDEHIKO FUNAYAMA Holehiko, Funayana	Execution date of U.S. Patent Application
Name of first or sole inventor	Execution date of 0.3. Fatent Application
KANAGAWA, JAPAN	
Residence of first or sole inventor	
Midehiko Funuyama	O MAY 1999  Date of this assignment
Signature of first or sole inventor	Date of this assignment

DAPROS REEL: 010560 FRAME: 0408

TAKATOSHI IWANABE	Takatoshi Jaranale	10. MAY, 1999
Name of second inventor		Execution date of U.S. Patent Application
KANAGAWA, JAPAN		
Residence of second inventor		
	Takatoshi - Iwanahe	10. MAY. 1999
Signature of second inventor		Date of this assignment
	•	
Name of third inventor		Execution date of U.S. Patent Application
Residence of third inventor		
Signature of third inventor		Date of this assignment
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Name of fourth inventor		Execution date of U.S. Patent Application
Residence of fourth inventor		·
Signature of fourth inventor		Date of this assignment
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Name of fifth inventor		Execution date of U.S. Patent Application
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Signature of lifth inventor		Date of this assignment
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PATENT REEL: 010560 FRAME: 0409

RECORDED: 05/27/1999