

Form PTO-1595 (Rev. 09/04) U.S. DEPARTMENT OF COMMERCE 103385237 OMB No. 0651-0027 (exp. 6/30/2005) United States Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies)/Execution Date(s): Name: Sony Corporation Shota NISHI, Shigeyoshi FUJIKI, Manabu MATSUDA, Yuji YAKURA, Internal Address: Makoto ANDO Execution Date(s) 02/18/2007, 02/26/2007, 02/28/2007, 03/02/2007 Street Address: 1-71-1 Konan Additional name(s) of conveying party(ies) attached? Yes 🗸 No Minato-ku, Tokyo, Japan 3. Nature of conveyance: ✓ Assignment Merger City: Security Agreement Change of Name Government Interest Assignment Country: Zip: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: Name: Robert J. Depke 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: ROCKEY, DEPKE, LYONS & Authorized to be charged by credit card Authorized to be charged to deposit account KITZINGER LLC ✓ Enclosed Street Address: 233 S. Wacker Dr. None required (government interest not affecting title) Suite 5450 8. Payment Information City: Chicago a. Credit Card Last 4 Numbers _____ Zip: <u>6060</u>6 Expiration Date _____ State: IL__ Phone Number: 312-277-2006 b. Deposit Account Number ____ Fax Number: 312-704-8137 Authorized User Name _ Email Address: rdepke@rdlk.lan 9. Signature: ¿ Signature, Total number of pages including cover

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

03/20/2007 DBYRNE 01 FC:8021 00000108 11716882 40.00 DP

Robert J. Depke Name of Person Signing sheet, attachments, and documents:

		De De	ocket Number:
	ASSIGN		
only one name is listed belo	AS, I, as a below named inventor, residually or a joint inventor (if plural names HOD OF FABRICATING CLEANING AND	are listed below) of certain new	and useful improvements in
	· · · · · · · · · · · · · · · · · · ·		
for which application for Les and address;	tters Patent of the United States of An	erica was executed by me on the	date indicated next to my name
Tokyo, Japan (hereinafter re said application disclosing the	EREAS, Sony Corporation, a Japan ferenced as ASSIGNEE) is desirous of the invention and in, to and under any and in any and all foreign countries;	acquiring all interest in, to and und	er said invention,
the receipt and sufficience of hereby assign, sell and transfinterest in the said invention. Patent of the United States, as rights and/or convention right: Relating to Patents, Designs adheres, and to any other bern patents in the United States ar	EREFORE, in consideration of the sum of which are hereby acknowledged, I, as fer unto the said ASSIGNEE, its succest, said application, including any division of countries foreign thereto, which mas under the International Convention for and Industrial Models, and any other nefits accruing or to accrue to me with a countries foreign thereto, and I here the to said ASSIGNEE, as the assignment of the said ASSIGNEE, as the assignment of the said ASSIGNEE, as the assignment of the said ASSIGNEE.	a sole or joint inventor as indical soors, assigns, and legal represent ons and continuations thereof, and y be granted for said invention, as the Protection of Industrial Proper international agreements to which respect to the filing of application authorize and request the Committee in the protection of the committee in the c	ted below, be attives, the entire right, title and id in and to any and all Letters and in and to any and all priority rty, Inter-American Convention the United States of Americations for patents or securing of missioner of Patents to issue the
ASSIGNEE or its designee, a and without further remunera	to execute all necessary or desirable as ASSIGNEE or its successors, assignation, in order to perfect title in said at of the United States and countries for	s and legal representatives may fi invention, modifications, and in	om time-to-time present to me
papers for application for fore	o properly execute and deliver and with eign patents, for filing subdivisions of which may be granted for my aforesaid	said application for patent, and	or, for obtaining any reissue or
relating to said application, sa	that ASSIGNEE will, upon its reques aid invention and said Letters Patent a ify as to the same in any interference	nd legal equivalents in foreign c	pertinent facts and documents ountries as may be known and
And I hereby covenar would conflict with this assign	nt that no assignment, sale, agreement nment and sale.	or encumbrance has been or will	be made or entered into which
And I hereby authoriz this application in the spaces t	te and request my attorney(s) of record that follow: Serial Number:	in this application to insert the s	erial number and filing date o
	uted on the dates indicated below.		
. Shota NISHI			CIIC Petert Application
		Execution (date of U.S. Patent Application

Name of first or sole inventor

Residence of first or sole inventor

Signature of first or sole inventor

Kanagawa, Japan

PATENT REEL: 019057 FRAME: 0228

Foburny 26, 2007

Date of this assignmen

. Shigeyoshi FUJIKI	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Signature of second inventor	Date of this assignment
Manabu MATSUDA Name of third inventor	
Name of third inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of third inventor	
Signature of third inventor	Date of this assignment
Yuji YAKURA	
Name of fourth inventor	Execution date of U.S. Patent Application
Vanageria Janan	
Kanagawa, Japan Residence of fourth inventor	
This Takura	March 2, 2007
Signature of fourth inventor	Date of this assignment
Signature of fourth inventor	
Makoto ANDO	CLUS Detent Application
Name of fifth inventor	Execution date of U.S. Patent Application
Tokyo Janan	
Tokyo, Japan Residence of fifth inventor	E/ 2/2007
Residence of fifth inventor Makato Unlo	february 26, 2007 Date of this assignment
Cinchus of fifth inventor	Date of this assignment
Signature of fifth inventor	

PATENT REEL: 019057 FRAME: 0229

	Docket Number:
•	ASSIGNMENT
only one name is listed below) or a joint i	w named inventor, residing at the address stated next to my name, am a sole inventor (inventor (inventor (if plural names are listed below) of certain new and useful improvements in RICATING CLEANING BLADE, AND CLEANING APPARATUS
for which application for Letters Patent of and address;	the United States of America was executed by me on the date indicated next to my name
Tokyo, Japan (hereinafter referenced as AS	Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, SIGNEE) is desirous of acquiring all interest in, to and under said invention, and in, to and under any Letters Patent or similar legal protection which may be granted all foreign countries;
the receipt and sufficience of which are her hereby assign, sell and transfer unto the sai interest in the said invention, said applicate Patent of the United States, and countries for rights and/or convention rights under the Interest Relating to Patents, Designs and Industrial adheres, and to any other benefits accruing patents in the United States and countries for	consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration selver acknowledged, I, as a sole or joint inventor as indicated below, but described ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and on, including any divisions and continuations thereof, and in and to any and all Letters breign thereto, which may be granted for said invention, and in and to any and all priority emational Convention for the Protection of Industrial Property, Inter-American Convention Models, and any other international agreements to which the United States of American or to accrue to me with respect to the filing of applications for patents or securing of reign thereto, and I hereby authorize and request the Commissioner of Patents to issue the SIGNEE, as the assignee of the whole right, title and interest thereto;
ASSIGNEE or its designee, as ASSIGNEE	necessary or desirable and lawful future documents, including assignments in favor of or its successors, assigns and legal representatives may from time-to-time present to me to perfect title in said invention, modifications, and improvements in said invention d States and countries foreign thereto;
papers for application for foreign patents, for	cute and deliver and without further remuneration, such necessary or desirable and lawful or filing subdivisions of said application for patent, and or, for obtaining any reissue or granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and
relating to said application, said invention a	E will, upon its request, be provided promptly with all pertinent facts and documents and Letters Patent and legal equivalents in foreign countries as may be known and time in any interference or litigation related thereto;
And I hereby covenant that no assig would conflict with this assignment and sale	nment, sale, agreement or encumbrance has been or will be made or entered into which
And I hereby authorize and request this application in the spaces that follow: S	my attorney(s) of record in this application to insert the serial number and filing date of erial Number:

This assignment executed on the dates indicated below.

Shota NISHI

Kanagawa, Japan

Name of first or sole inventor

Residence of first or sole inventor

Signature of first or sole inventor

PATENT REEL: 019057 FRAME: 0230

Execution date of U.S. Patent Application

Date of this assignment

. Shigeyoshi FUJIKI	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Shigeyoshi Fujiki	February 18, 2007
Signature of second inventor	Date of this assignment
Manabu MATSUDA Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment
Yuji YAKURA Name of fourth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Makoto ANDO	Execution date of U.S. Patent Application
Name of fifth inventor	Execution date of O.O. I deem I approached
Tokyo, Japan	
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

PATENT REEL: 019057 FRAME: 0231

Docket Number:	
ASSIGNMENT	
WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventorly one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements CLEANING BLADE, METHOD OF FABRICATING CLEANING BLADE, AND CLEANING APPARATUS FOR LIQUID DISCHARGE HEAD	
for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my and address;	name
AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-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 gutherefor 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 consider the receipt and sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, be hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all L Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all prights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Conventions to Patents, Designs and Industrial Models, and any other international agreements to which the United States of An adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	le and letters liority ention nerica ing of
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in fav. ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said inventions and Letters Patent of the United States and countries foreign thereto;	to me
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and I papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter requirement at its own expense;	sue or
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documentating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known accessible to me and will testify as to the same in any interference or litigation related thereto;	ments n and
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into would conflict with this assignment and sale.	which
And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing d this application in the spaces that follow: Serial Number:, Filing Date:	ate of
This assignment executed on the dates indicated below.	
Shota NISHI	
Execution date of U.S. Patent Appli	cation

Name of first or sole inventor

Residence of first or sole inventor

Signature of first or sole inventor

Kanagawa, Japan

PATENT REEL: 019057 FRAME: 0232

Date of this assignment

. Shigeyoshi FUJIKI	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of second inventor	
Signature of second inventor	Date of this assignment
Manabu MATSUDA	
Name of third inventor	Execution date of U.S. Patent Application
	Execution date of C.S. I atent rippiloation
Kanagawa, Japan Residence of third inventor	
	February 28.2007
Signature of third inventor	Date of this assignment
Yuji YAKURA	AS .
Name of fourth inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Makoto ANDO	
Name of fifth inventor	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of fifth inventor	
	Date of this assignment
Signature of fifth inventor	Date of this assignment

PATENT REEL: 019057 FRAME: 0233

RECORDED: 03/12/2007