## MPOTREC'S PET 12 NOV 2010

Form PTO-1595 (Rev 01-09) OMB No 0651-0027 (exp 02/28/2009)

11-16-2010

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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12/736810	
To the Director of the U.S. Patent and Traueman 1036.1.13	7.1 d documents or the new address(es) below
Name of conveying party(ies):	Name and address of receiving party(ies)
Eiichi Nishi (10/03/2010) and Muneyoshi Numao (10/07/2010)	Name Sony Corporation
,	Internal Address
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address
3. Nature of conveyance/Execution Date(s):	1-7-1 Konan
Execution Date(s) In parentheses after inventor name	Minato-Ku, Tokyo 108-0075
X Assignment Merger Change of Name	JAPAN
Security Agreement Joint Research Agreement	City
Government Interest Assignment	State
Executive Order 9424, Confirmatory License	Country Zip
Other	Additional name(s) & address(es) Yes X No attached?
4. Application or patent number(s):	his document is being filed together with a new application
A Patent Application No (s)	B Patent No (s)
This application	
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name Christopher M Tobin RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40 00
Internal Address Atty Dkt SON-4243 Street Address 1233 20th Street, N W Suite 501	X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City Washington	8. Payment Information
State         DC         Z <sub>IP</sub> 20036	
Phone Number (202) 955-3750	
Fax Number (202) 955-3751	Deposit Account Number 18-0013  Authorized User Name Christopher M Tobin
Email Address cmt@raderfishman com	Authorized User Name Christopher M Tobin
9. Signature:	November 12, 2010
Signature	Date
Christopher M/Tobin - 40,290  Name of Person Signing	17/14/2919eTpEpages (agenties) 20146913 3 1278681 sheet, attachments, and documents
Name of Ferson Signing	81 FC:8821 46.88 BA

**PATENT REEL: 025306 FRAME: 0688** 

Docket Number: SON-4243/STP

## 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

## CLEANING APPARATUS AND SCREEN PRINTING APPARATUS

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, located and doing business at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN, (hereinafter referenced as ASSIGNEE) are 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 ASSIGNEES, 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 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 ASSIGNEES or its designee, as ASSIGNEES 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 ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be IPATENT promptly with all pertinent facts and documents relating to said application 25306 FRAME: 0689

Docket Number: SON-4243/STP

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 to insert the serial number and filing date of this application in the spaces that follow: Serial Number:\_\_\_\_\_\_\_, Filing Date:\_\_\_\_\_\_\_.

This assignment executed on the dates indicated below.

Eiichi NISHI

Name of first inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of first inventor

Signature of first inventor

Oct. 03. Zo10 Date of this assignment

Muneyoshi NUMAO

Name of second inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of second inventor

Signature of second inventor

Date of this assignment

PATENT REEL: 025306 FRAME: 0690

**RECORDED: 11/12/2010**