

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuhito YOSHIMIZU</td> <td>03/15/2012</td> </tr> <tr> <td>Hisashi OKUCHI</td> <td>03/15/2012</td> </tr> <tr> <td>Hiroshi TOMITA</td> <td>03/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yasuhito YOSHIMIZU	03/15/2012	Hisashi OKUCHI	03/15/2012	Hiroshi TOMITA	03/15/2012		
Name	Execution Date										
Yasuhito YOSHIMIZU	03/15/2012										
Hisashi OKUCHI	03/15/2012										
Hiroshi TOMITA	03/15/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
Name:	KABUSHIKI KAISHA TOSHIBA										
Street Address:	1-1, Shibaura 1-chome, Minato-Ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	105-8001										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13422771</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13422771						
Property Type	Number										
Application Number:	13422771										
CORRESPONDENCE DATA											
<p>Fax Number: (202)408-4400</p> <p>Phone: 202-408-4000</p> <p>Email: sopheareak.in@finnegan.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &amp;</p> <p>Address Line 1: 901 NEW YORK AVENUE, NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001-4413</p>											
ATTORNEY DOCKET NUMBER:	04173.0644										
NAME OF SUBMITTER:	Sopheareak C. In										
<p>Total Attachments: 2</p> <p>source=Assingment04173-0644#page1.tif</p> <p>source=Assingment04173-0644#page2.tif</p>											

OP \$40.00 13422771

**Attorney Docket No.:**

**JOINT INVENTION  
(U.S. Rights Only)**

## ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

## CLEANING METHOD, CLEANING APPARTUS

for which we executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on \_\_\_\_\_ (Application No. \_\_\_\_\_); and

WHEREAS, KABUSHIKI KAISHA TOSHIBA, a corporation of Japan, whose post office address is 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment:

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 13/422,771, filed March 16, 2012) the filing date and application number of said application when known.

**PATENT**  
**REEL: 027886 FRAME: 0984**

Attorney Docket No.:

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Assignor Name: Yasuhito YOSHIMIZU

Assignor Address: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Signature: Yasuhito Yoshimizu

Date: March 15, 2012

**Second Assignor**

Assignor Name: Hisashi OKUCHI

Assignor Address: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Signature: Hisashi Okuchi

Date: Mar. 15, 2012

**Third Assignor**

Assignor Name: Hiroshi TOMITA

Assignor Address: Yokohama-shi, Kanagawa-ken, Japan

Citizenship: Japan

Signature: Hiroshi Tomita

Date: Mar 15, 2012

**Fourth Assignor**

Assignor Name: \_\_\_\_\_

Assignor Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_