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To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)/Execution Date(s): Takeshi Watanabe Masashi Takahashi Mitsuaki Kouyama	2. Name and address of receiving party(ies)  Name: KABUSHIKI KAISHA TOSHIBA  Internal Address:			
Execution Date(s) May 31, 2006  Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:	Street Address: 1-1, Shibaura 1-chome			
Assignment	City: Minato-ku  State: Tokyo  Country: JAPAN			
5. Name and address to whom correspondence concerning document should be mailed:	ached? Yes No  6. Total number of applications and patents involved:			
Name: Gregory Turocy  Internal Address: Amin & Turocy, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)			
Street Address: 24th Floor, National City Center 1900 E. 9th Street				
City: Cleveland  State: Ohio Zip: 44114  Phone Number: 216-696-8730  Fax Number: 216-696-8731  Email Address:	8. Payment Information  a. Credit Card Last 4 Numbers 6807 Expiration Date 08/06  b. Deposit Account Number 50-1063  Authorized User Name Gregory Turocy			
9. Signature:  Signature  Gregory Turocy, 36,952	June 7, 2006  Date  Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing  Documents to be recorded (including cover shee  Mail Stop Assignment Recordation Services, Director o				

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**PATENT** REEL: 017961 FRAME: 0269

## (3.) ADDITIONAL ASSIGNEE NAMES AND RESIDENCE DATA TO BE PRINTED ON THE PATENT

## (A) NAME OF ASSIGNEE

TOSHIBA TEC KABUSHIKI KAISHA 17-2, Higashigotanda 2-chome Shinagawa-ku, Tokyo JAPAN

> PATENT REEL: 017961 FRAME: 0270

## **ASSIGNMENT**

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Takeshi WATANABE, Masashi TAKAHASHI and Mitsuaki KOUYAMA of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 17-2, Higashigotanda 2-Chome, Shinagawa-Ku, Tokyo, Japan, respectively,

hereby sell and assign to KABUSHIKI KAISHA TOSHIBA and TOSHIBA TEC KABUSHIKI KAISHA of 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, and 17-2, Higashigotanda 2-Chome, Shinagawa-Ku, Tokyo, Japan, respectively, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

CLEANING APPARATUS AND IMAGE FORMING APPARATUS

for which application for United States Letters Patent has been filed on
under Serial No or was executed by the undersigned on the date below
and is being filed concurrently herewith, said application for United States Letters Patent, any
and all other applications for Letters Patent on said inventions in countries foreign to the
United States, including all divisional, renewal, substitute, continuation and Convention
applications based in whole or in part upon said inventions or upon said applications, and any
and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions
or upon said applications, and every priority right that is or may be predicated upon or arise
from said inventions, said applications and said Letters Patent; said assignee being hereby
authorized to file patent applications in any or all countries on any or all said inventions in
the name of the undersigned or in the name of said assignee or otherwise as said assignee
may deem advisable, under the International Convention or otherwise; the Commissioner of
Patents and Trademarks of the United States of America and the empowered officials of all
other governments being hereby authorized to issue or transfer all said Letters Patent to said
assignee in accordance herewith; this assignment being under covenant, not only that full
power to make the same is had by the undersigned, but also that such assigned right is not
encumbered by any grant, license, or other right heretofore given, and that the undersigned
will do all acts reasonably serving to assure that said inventions, patent applications and
Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same
could have been held and enjoyed by the undersigned if this assignment had not been made,
and particularly to execute and deliver to said assignee all lawful documents including
petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in
form and substance which may be requested by said assignee, to furnish said assignee with
all facts relating to said inventions or the history thereof and any and all documents,
photographs, models, samples or other physical exhibits which may be useful for establishing
the facts of conception, disclosure and reduction to practice of said inventions, and to testify
in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Amin & Turocy, LLP, 24<sup>th</sup> Floor National City Center, 1900 East 9<sup>th</sup> Street, Cleveland, Ohio 44114.

Signed:

Date:

Jakeshi Watanala

May. 31, 2006

Takeshi WATANABE

Signed:

Date:

Masashi Takahashi

may . 31, 2006

Masashi TAKAHASHI

Date:

Signed:

Mitsuaki KOUYAMA

may. 31, 2006