PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masamitsu ITOH	07/21/2011
Katsuya OKUMURA	07/21/2011
Taro INADA	07/25/2011
Jun WATANABE	07/21/2011

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome,
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

Name:	DENKI KAGAKU KOGYO KABUSHIKI KAISHA	
Street Address:	Nihonbashi Mitsui Tower, 1-1,	
Internal Address:	Nihonbashi-Muromachi 2-chome,	
City:	Chuo-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	103-8338	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13192694	

CORRESPONDENCE DATA

Fax Number: (202)408-4400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: CREMEANR@FINNEGAN.COM

Correspondent Name: FINNEGAN

Address Line 1: 901 NEW YORK AVENUE, NW

PATENT REEL: 026670 FRAME: 0919 P \$40.00 13192694

501610512

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001		
ATTORNEY DOCKET NUMBER:	04329.4655	
NAME OF SUBMITTER:	R. CREMEANS	
Total Attachments: 6 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif source=ASSIGNMENT#page6.tif		

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RETICLE CHUCK CLEANER

have sold and assigned and do hereby sell and assign to

- 1. KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; and
- 2. DENKI KAGAKU KOGYO KABUSHIKI KAISHA, a Japanese corporation, having a business address at Nihonbashi Mitsui Tower, 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	neck one) [X] executed concurrently			
	[]	executed on Application No.	; , filed	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any 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.

Finnegan, Henderson, Farabow Garrett & Dunner, L.L.P., 901 New York Avenue, N.W. Washington, D.C. 20001-4413

ASSIGNMENT

DPG055549-USA-A (11S0409)

[1st Inventor] Residence Address: Yokohama•shi, Japan Mailing Address: c/o Intellectual Property Division, Minato•ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Indoanita Och Masamitsu Itoh	July 21, 2011
[2nd Inventor] Rosidence Address: Tokyo, Japan Mailing Address: 1-22-1, Wakaba, Shinjuku-ku, Toky Citizenship: Japan	70 160-0011, Japan
Katsuya Okumura	Date:
[3rd Inventor] Residence Address: Shibukawa-shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KAB Shibukawa-shi, Gumma-ken, 877-8520 Japan Citizenship: Japan	USHIKI KAISHA, 1135, Nakamura,
Taro Inada	Date:
[4th Inventor] Residence Address: Shibukawa-shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KAB Shibukawa-shi, Gumma-ken, 377-8520 Japan Citizenship: Japan	USHIKI KAISHA, 1136, Nakamura,
Jun Watanabe	Date:

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RETICLE CHUCK CLEANER

have sold and assigned and do hereby sell and assign to

- 1. KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; and
- 2. DENKI KAGAKU KOGYO KABUSHIKI KAISHA, a Japanese corporation, having a business address at Nihonbashi Mitsui Tower, 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith	
		executed on	;
	Lj	Application No.	, filed

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any 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.

Finnegan, Henderson, Farabow Garrett & Dunner, L.L.P., 901 New York Avenue, N.W. Washington, D.C. 20001-4413

ASSIGNMENT

DPG055549-USA-A (11S0409)

[1st Inventor] Residence Address: Yokohama shi, Japan Mailing Address: c/o Intellectual Property Division, Minato ku, Tokyo 105-8001, Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Citizenship: Japan	
36 4 74.7	
Masamitsu Itoh	Date:
[2nd Inventor] Residence Address: Tokyo, Japan Mailing Address: 1-22-1, Wakaba, Shinjuku-ku, Tok Citizenship: Japan	yo 160-0011, Japan
Katsuya Obumura	July 21, 2011
Katsuya Okumura	Date:
[3rd Inventor] Residence Address: Shibukawa shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KAI Shibukawa shi, Gumma ken, 377-8520 Japan Citizenship: Japan	BUSHIKI KAISHA, 1135, Nakamura,
	The second secon
Mary Y	
Taro Inada	Date:
[4th Inventor] Residence Address: Shibukawa-shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KAI Shibukawa-shi, Gumma-ken, 377-8520 Japan Citizenship: Japan	BUSHIKI KAISHA, 1135, Nakamura,
Jun Watanabe	Dates '

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RETICLE CHUCK CLEANER

have sold and assigned and do hereby sell and assign to

- KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; and
- 2. DENKI KAGAKU KOGYO KABUSHIKI KAISHA, a Japanese corporation, having a business address at Nihonbashi Mitsui Tower, 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8338, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	executed concurrently herewith		
	executed on Application No.	; , filed	

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any 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.

Finnegan, Henderson, Farabow Garrett & Dunner, L.L.P., 901 New York Avenue, N.W. Washington, D.C. 20001-4413

Residence Address: Yokohama-shi, Japan Mailing Address: c/o Intellectual Property Division, T Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	oshiba Corporation, 1-1, Shibaura 1-chome,
Masamitsu Itoh	Date:
[2nd Inventor] Residence Address: Tokyo, Japan Mailing Address: 1-22-1, Wakaba, Shinjuku-ku, Tokyo Citizenship: Japan	o 160-0011, Japan
Katsuya Okumura	Date:
[3rd Inventor] Residence Address: Shibukawa-shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KAB' Shibukawa-shi, Gumma-ken, 377-8520 Japan Citizenship: Japan	USHIKI KAISHA, 1135, Nakamura,
Taro Inada	Date: 0
[4th Inventor] Residence Address: Shibukawa-shi, Japan Mailing Address: c/o DENKI KAGAKU KOGYO KABI Shibukawa-shi, Gumma-ken, 377-8520 Japan Citizenship: Japan	USHIKI KAISHA, 1135, Nakamura,
Jun Watanabe	July 21, 2011
Jun Watanabe 1	Date: //

PATENT REEL: 026670 FRAME: 0926

RECORDED: 07/29/2011

[1st Inventor]