

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Hiroyuki Tsuchihashi	05/28/2010
Ken Iguchi	05/28/2010
Isao Yahata	05/28/2010
Hiroyuki Taguchi	05/28/2010
Takahiro Kawaguchi	05/28/2010
Hiroyuki Taki	05/28/2010

**RECEIVING PARTY DATA**

Name:	Kabushiki Kaisha Toshiba
Street Address:	1-1, Shibaura 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

Name:	Toshiba Tec Kabushiki Kaisha
Street Address:	2-17-2, Higashigotanda, Shinagawa-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	141-8664

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12817067

**CORRESPONDENCE DATA**

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OP \$40.00 12817067

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**PATENT  
 REEL: 024546 FRAME: 0395**

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ATTORNEY DOCKET NUMBER:

TTEC/0781US

NAME OF SUBMITTER:

Walter C. Grollitsch

Total Attachments: 2

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**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses of Inventors:

1)	<b>Hiroyuki TSUCHIHASHI</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan	2)	<b>Ken IGUCHI</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan
3)	<b>Isao YAHATA</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan	4)	<b>Hiroyuki TAGUCHI</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan
5)	<b>Takahiro KAWAGUCHI</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan	6)	<b>Hiroyuki TAKI</b> c/o Intellectual Property division, Toshiba TEC Kabushiki Kaisha 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, Japan

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**IMAGE ERASING APPARATUS AND IMAGE ERASING METHOD**

for which an application for Letters Patent in the United States:

- is executed concurrently herewith.  
 was executed on \_\_\_\_\_.  
 was filed on \_\_\_\_\_, under Serial No \_\_\_\_\_.

WHEREAS, Kabushiki Kaisha Toshiba, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 JAPAN, and Toshiba Tec Kabushiki Kaisha, a Japanese corporation, having a business address at 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664 JAPAN (hereinafter collectively referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignees:

1. Said Assignors hereby sell, assign, transfer and convey to Assignees the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, continuation or continuation-in-part of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and

interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing, continuation-in-part or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.

3. The term and covenants of this agreement shall inure to the benefit of said Assignees, their successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

- 1) May 28, 2010 (DATE) Hiroyuki Tsuchihashi  
Hiroyuki TSUCHIHASHI
- 2) May 28, 2010 (DATE) Ken Iguchi  
Ken IGUCHI
- 3) May 28, 2010 (DATE) Isao Yahata  
Isao YAHATA
- 4) May 28, 2010 (DATE) Hiroyuki Taguchi  
Hiroyuki TAGUCHI
- 5) May 28, 2010 (DATE) Takahiro Kawaguchi  
Takahiro KAWAGUCHI
- 6) May 28, 2010 (DATE) Hiroyuki Taki  
Hiroyuki TAKI