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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ken IGUCHI	06/14/2012
Isao YAHATA	06/14/2012
Takahiro KAWAGUCHI	06/15/2012
Yoshiaki SUGIZAKI	06/14/2012
Kikuo MIZUTANI	06/15/2012
Hiroyuki TAKI	06/14/2012
Hiroyuki TSUCHIHASHI	06/15/2012
Chiaki IIZUKA	06/15/2012
Hidetoshi YOKOCHI	06/15/2012
Toshiaki OSHIRO	06/14/2012
Hiroyuki HAZU	06/15/2012
Yoichi YAMAGUCHI	06/14/2012
Hiroyuki SUGIYAMA	06/15/2012
Yuichi SAITO	06/14/2012

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:	et Address: 2-17-2, Higashigotanda, Shinagawa-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	141-8664	

PROPERTY NUMBERS Total: 1

PATENT REEL: 028455 FRAME: 0618 OP \$40.00 135

Property Type	Number	
Application Number:	13534994	

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Patterson & Sheridan, LLP - Toshiba

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Address Line 2: Suite 1500

Address Line 4: Houston, TEXAS 77056

ATTORNEY DOCKET NUMBER: TTEC/1641US

NAME OF SUBMITTER: Jason C. Huang

Total Attachments: 3

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PATENT REEL: 028455 FRAME: 0619

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Ken Iguchi Shizuoka-ken, Japan	2)	isao Yahata Shizuoka-ken, Japan	
3)	Takahiro Kawaguchi Shizuoka-ken, Japan	4)	Yoshiaki Sugizaki Shizuoka-ken, Japan	
5)	Kikuo Mizutani Shizuoka-ken, Japan	6)	Hiroyuki Taki Shizuoka-ken, Japan	
7)	Hiroyuki Tsuchihashi Shizuoka-ken, Japan	.8)	Chiaki lizuka Shizuoka-ken, Japan	
9)	Hidetoshi Yokochi Shizuoka-ken, Japan	10)	Toshiaki Oshiro Shizuoka-ken, Japan	
11)	Hiroyuki Hazu Shizuoka-ken, Japan	12)	Yoichi Yamaguchi Shizuoka-ken, Japan	
13)	Hiroyuki Sugiyama Shizuoka-ken, Japan	14)	Yuichi Saito Shizuoka-ken, Japan	

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

METHOD FOR COLOR ERASING PROCESS AND COLOR ERASING DEVICE

is executed concurrently herewith	۱.
was executed on	
was filed on, under Se	erial No

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

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 Assignee), 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 Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee 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 filled and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filled 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.

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- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee 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 Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filling and prosecuting substitute, conventional, divisional, continuing, continuation-in-part or additional applications covering said Invention; (d) for filling 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 Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its 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 Assignee on the dates indicated below.

		_
1)	fun 14, 2012 (DATE)	Ken lguchi Ken Iguchi
2)	Jun /4 20/2 (DATE)	Isao Yahata
3)	June , 15. 2012 (DATE)	Takahiro Kawaguchi
4)	June 14, 2012 (DATE)	Yoshiaki Sugiyaki Yoshiaki Sugizaki
5)	June 15, 2012 (DATE)	Kikee Mizatani
6)	June-142012 (DATE)	Jalon gol Tahi Hiroyuki Faki
7)	June 15,2012 (DATE)	Miroyuki Jouhiles hi Hiroyuki Tsuchihashi
8)	Jane 15, 2012 (DATE)	Chialei Vzuka Chiaki lizuka June 152912 C.I.
9)	June 15, 2012 (DATE)	Chiali Sycha Walterhi Jokochi Hidetoshi Yokochi
10)	Tun 14. JOIL (DATE)	Toshiaki Oshiro

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11)	June 15, 20/2 (DATE)	Hiroyuhi Hazu
12)	June 14, 8012 (DATE)	yoʻlchi yamaguchi Yoʻlchi Yamaguchi
13)	June . 15. 20/2 (DATE)	<u> Mingulai Lagiyoma</u> Hiroyuki Sugiyama
14)	Inje / /2, 2014 (DATE)	Juich Saito

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RECORDED: 06/27/2012