

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>Hiroyuki HAZU</td><td>06/22/2012</td></tr> <tr><td>Ken IGUCHI</td><td>06/20/2012</td></tr> <tr><td>Yuichi SAITO</td><td>06/19/2012</td></tr> <tr><td>Isao YAHATA</td><td>01/19/2012</td></tr> <tr><td>Takahiro KAWAGUCHI</td><td>06/19/2012</td></tr> <tr><td>Yoshiaki SUGIZAKI</td><td>06/19/2012</td></tr> <tr><td>Kikuo MIZUTANI</td><td>06/19/2012</td></tr> <tr><td>Hiroyuki TAKI</td><td>06/19/2012</td></tr> <tr><td>Hiroyuki TSUCHIHASHI</td><td>06/19/2012</td></tr> <tr><td>Chiaki IIZUKA</td><td>06/19/2012</td></tr> <tr><td>Hidetoshi YOKOCHI</td><td>06/20/2012</td></tr> <tr><td>Toshiaki OSHIRO</td><td>06/19/2012</td></tr> <tr><td>Yoichi YAMAGUCHI</td><td>06/22/2012</td></tr> <tr><td>Hiroyuki SUGIYAMA</td><td>06/20/2012</td></tr> <tr><td>Jun ISHII</td><td>06/20/2012</td></tr> </tbody> </table>		Name	Execution Date	Hiroyuki HAZU	06/22/2012	Ken IGUCHI	06/20/2012	Yuichi SAITO	06/19/2012	Isao YAHATA	01/19/2012	Takahiro KAWAGUCHI	06/19/2012	Yoshiaki SUGIZAKI	06/19/2012	Kikuo MIZUTANI	06/19/2012	Hiroyuki TAKI	06/19/2012	Hiroyuki TSUCHIHASHI	06/19/2012	Chiaki IIZUKA	06/19/2012	Hidetoshi YOKOCHI	06/20/2012	Toshiaki OSHIRO	06/19/2012	Yoichi YAMAGUCHI	06/22/2012	Hiroyuki SUGIYAMA	06/20/2012	Jun ISHII	06/20/2012
Name	Execution Date																																
Hiroyuki HAZU	06/22/2012																																
Ken IGUCHI	06/20/2012																																
Yuichi SAITO	06/19/2012																																
Isao YAHATA	01/19/2012																																
Takahiro KAWAGUCHI	06/19/2012																																
Yoshiaki SUGIZAKI	06/19/2012																																
Kikuo MIZUTANI	06/19/2012																																
Hiroyuki TAKI	06/19/2012																																
Hiroyuki TSUCHIHASHI	06/19/2012																																
Chiaki IIZUKA	06/19/2012																																
Hidetoshi YOKOCHI	06/20/2012																																
Toshiaki OSHIRO	06/19/2012																																
Yoichi YAMAGUCHI	06/22/2012																																
Hiroyuki SUGIYAMA	06/20/2012																																
Jun ISHII	06/20/2012																																
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																																
<table border="1"> <tr><td>Name:</td><td>Toshiba Tec Kabushiki Kaisha</td></tr> <tr><td>Street Address:</td><td>2-17-2, Higashigotanda, Shinagawa-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>141-8664</td></tr> </table>		Name:	Toshiba Tec Kabushiki Kaisha	Street Address:	2-17-2, Higashigotanda, Shinagawa-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	141-8664																						
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																																	

501971099

PATENT
 REEL: 028455 FRAME: 0610

OP \$40.00 13534955

Property Type	Number
Application Number:	13534955

CORRESPONDENCE DATA

Fax Number: (713)623-4846

Phone: 713 623 4844

Email: psdocketing@pattersonsheridan.com,
acollins@pattersonsheridan.com

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

Address Line 1: 3040 Post Oak Blvd

Address Line 2: Suite 1500

Address Line 4: Houston, TEXAS 77056

ATTORNEY DOCKET NUMBER:	TTEC/1640US
-------------------------	-------------

NAME OF SUBMITTER:	Jason C. Huang
--------------------	----------------

Total Attachments: 3

source=TTEC1640us_Assignment#page1.tif

source=TTEC1640us_Assignment#page2.tif

source=TTEC1640us_Assignment#page3.tif

G510816

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Hiroyuki HAZU Shizuoka-ken, Japan	2)	Ken IGUCHI Shizuoka-ken, Japan
3)	Yuichi SAITO Shizuoka-ken, Japan	4)	Isao YAHATA Shizuoka-ken, Japan
5)	Takahiro KAWAGUCHI Shizuoka-ken, Japan	6)	Yoshiaki SUGIZAKI Shizuoka-ken, Japan
7)	Kikuo MIZUTANI Shizuoka-ken, Japan	8)	Hiroyuki TAKI Shizuoka-ken, Japan
9)	Hiroyuki TSUCHIHASHI Shizuoka-ken, Japan	10)	Chiaki IIZUKA Shizuoka-ken, Japan
11)	Hidetoshi YOKOCHI Shizuoka-ken, Japan	12)	Toshiaki OSHIRO Shizuoka-ken, Japan
13)	Yoichi YAMAGUCHI Shizuoka-ken, Japan	14)	Hiroyuki SUGIYAMA Shizuoka-ken, Japan
15)	Jun ISHII Shizuoka-ken, Japan		

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

SHEET LOADING APPARATUS, ERASING APPARATUS, AND SHEET LOADING 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 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

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 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 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 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) June, 22, 2012 (DATE) Hiroyuki HAZU
Hiroyuki HAZU
- 2) Jun 20, 2012 (DATE) Ken IGUCHI
Ken IGUCHI
- 3) June 19, 2012 (DATE) Yuichi SAITO
Yuichi SAITO
- 4) Jun 19, 2012 (DATE) Isao YAHATA
Isao YAHATA
- 5) June 19, 2012 (DATE) Takahiro KAWAGUCHI
Takahiro KAWAGUCHI
- 6) Jun, 19, 2012 (DATE) Yoshiaki SUGIZAKI
Yoshiaki SUGIZAKI
- 7) June 19, 2012 (DATE) Kikuo MIZUTANI
Kikuo MIZUTANI
- 8) _____ (DATE) _____

- June 19, 2012 Hiroyuki Taki
Hiroyuki TAKI
- 9) June 19, 2012 (DATE) Hiroyuki Tsuchihashi
Hiroyuki TSUCHIHASHI
- 10) June 19, 2012 (DATE) Chiaki Iizuka
Chiaki IIZUKA
- 11) June 22, 2012 (DATE) Hidetoshi Yokochi
Hidetoshi YOKOCHI
- 12) Jan. 19, 2012 (DATE) Toshiaki Oshiro
Toshiaki OSHIRO
- 13) June 22, 2012 (DATE) Yoichi Yamaguchi
Yoichi YAMAGUCHI
- 14) June 20, 2012 (DATE) Hiroyuki Sugiyama
Hiroyuki SUGIYAMA
- 15) June 20, 2012 (DATE) Jun Ishii
Jun ISHII