

PATENT ASSIGNMENT

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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>Toshiaki OSHIRO</td><td>06/14/2012</td></tr> <tr><td>Ken IGUCHI</td><td>06/15/2012</td></tr> <tr><td>Isao YAHATA</td><td>06/14/2012</td></tr> <tr><td>Kikuo MIZUTANI</td><td>06/14/2012</td></tr> <tr><td>Hiroyuki TAKI</td><td>06/14/2012</td></tr> <tr><td>Chiaki IIZUKA</td><td>06/15/2012</td></tr> <tr><td>Hidetoshi YOKOCHI</td><td>06/15/2012</td></tr> <tr><td>Yoshiaki SUGIZAKI</td><td>06/14/2012</td></tr> <tr><td>Takahiro KAWAGUCHI</td><td>06/14/2012</td></tr> <tr><td>Hiroyuki TSUCHIHASHI</td><td>06/15/2012</td></tr> <tr><td>Hiroyuki HAZU</td><td>06/15/2012</td></tr> <tr><td>Yoichi YAMAGUCHI</td><td>06/14/2012</td></tr> <tr><td>Hiroyuki SUGIYAMA</td><td>06/15/2012</td></tr> <tr><td>Yuichi SAITO</td><td>06/14/2012</td></tr> <tr><td>Jun ISHII</td><td>06/15/2012</td></tr> </tbody> </table>		Name	Execution Date	Toshiaki OSHIRO	06/14/2012	Ken IGUCHI	06/15/2012	Isao YAHATA	06/14/2012	Kikuo MIZUTANI	06/14/2012	Hiroyuki TAKI	06/14/2012	Chiaki IIZUKA	06/15/2012	Hidetoshi YOKOCHI	06/15/2012	Yoshiaki SUGIZAKI	06/14/2012	Takahiro KAWAGUCHI	06/14/2012	Hiroyuki TSUCHIHASHI	06/15/2012	Hiroyuki HAZU	06/15/2012	Yoichi YAMAGUCHI	06/14/2012	Hiroyuki SUGIYAMA	06/15/2012	Yuichi SAITO	06/14/2012	Jun ISHII	06/15/2012
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RECEIVING PARTY DATA																																	
Name:	Kabushiki Kaisha Toshiba																																
Street Address:	1-1, Shibaura 1-chome, Minato-ku																																
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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																																	

502038811

PATENT
 REEL: 028855 FRAME: 0132

OP \$40.00 13524852

Property Type	Number
Application Number:	13524852

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NAME OF SUBMITTER:	Frederick D. Kim

Total Attachments: 3
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Toshiaki OSHIRO of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	2)	Ken IGUCHI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
3)	Isao YAHATA of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	4)	Kikuo MIZUTANI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
5)	Hiroyuki TAKI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	6)	Chiaki IIZUKA of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
7)	Hidetoshi YOKOCHI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	8)	Yoshiaki SUGIZAKI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
9)	Takahiro KAWAGUCHI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	10)	Hiroyuki TSUCHIHASHI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
11)	Hiroyuki HAZU of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	12)	Yoichi YAMAGUCHI of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
13)	Hiroyuki SUGIYAMA of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa- Ku, Tokyo 141-8664 Japan	14)	Yuichi SAITO of c/o Intellectual Property Division, TOSHIBA TEC KABUSHIKI KAISHA, 2-17-2, Higashigotanda, Shinagawa-Ku, Tokyo 141-8664 Japan
15)	Jun ISHII of 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:

SHEET FEED APPARATUS AND SHEET FEED METHOD

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

Is executed concurrently herewith.
 was executed on _____
 was filed on June 15, 2012, under Serial No. 13/524,852

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 14, 2012 (DATE) Toshiaki Oshiro
Toshiaki OSHIRO

2) June 15, 2012 (DATE) Ken Iguchi
Ken IGUCHI

- 3) Jun 14, 2012 (DATE) Isao Yahata
Isao YAHATA
- 4) June 14 2012 (DATE) Kikuo Mizutani
Kikuo MIZUTANI
- 5) June 14 2012 (DATE) Hiroyuki Itaki
Hiroyuki ITAKI
- 6) June 15, 2012 (DATE) Chlaki Iizuka
Chlaki IIZUKA
- 7) June 15, 2012 (DATE) ~~Chlaki Iizuka~~ Hidetoshi Yokochi
Hidetoshi YOKOCHI
- 8) June 14, 2012 (DATE) Yoshiaki Sugizaki
Yoshiaki SUGIZAKI
- 9) June 14, 2012 (DATE) Takahiro Kawaguchi
Takahiro KAWAGUCHI
- 10) June 15 2012 (DATE) Hiroyuki Tsuchihashi
Hiroyuki TSUCHIHASHI
- 11) June 15 2012 (DATE) Hiroyuki Hazu
Hiroyuki HAZU
- 12) June 14, 2012 (DATE) Yoichi Yamaguchi
Yoichi YAMAGUCHI
- 13) June 15, 2012 (DATE) Hiroyuki Sugiyama
Hiroyuki SUGIYAMA
- 14) June, 14, 2012 (DATE) Yuichi Saito
Yuichi SAITO
- 15) June, 15, 2012 (DATE) Jun Ishii
Jun ISHII