Form PTO-1595

RECORDATION FORM COVER SHEET

Docket No. <u>05139/LH</u>

PATENTS ONLY

To the Director - U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takahiro KAWAGUCHI Yasunobu TERAO Keishi TSUCHIYA

2. Name and address of receiving party(ies):

Toshiba TEC Kabushiki Kaisha 2-17-2 Higashigotanda Shinagawa-ku, Tokyo 141-8664, JAPAN

3.	Nature of conveyance:	-TO CORRECT	ADDRESS OF	ASSIGNEE	AND TO	CORRECT S	PELLING OF NA	AME OF
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Execution Date(s): ALL EXECUTED ON APRIL 1, 2005, 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is as follows: , respectively. A. Patent Application No. (s) B. Patent No.(s) 11/073,118 5. Name and address of party to whom correspondence concerning document should be mailed: **CUSTOMER NO. 01933** FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C. 220 Fifth Avenue, 16th Floor New York, New York 10001-7708 FAX NO. 212-319-5101

- 6. Total number of applications and patents involved: 1
- **7.** Total fee (37 CFR 3.41): \$ 40.00

[X] PTO- 2038 Form

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: June 15, 2005

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Sharon Portney

June 15, 2005 Dated:

Leonard Holtz

06/05

Total number of pages including cover sheet, attachments

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PAGE 004/004

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Form PTO-1595

RECORDATION FOR MPCOVER SHEET

Docket No. 05139/LH

PATENTS ONLY

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Takahiro KAWAGUCHI Yasunobu TERAO Keishi TSUCHIYA Toshiba TSC Kabushiki Kalsha 1-1, Kanda Nishiki-cho, Chiyoda-ku Tokyo 101-8442, JAPAN

3.	Nature	of	convey	ance:		assignment
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Execution Date(s): ALL EXECUTED ON APRIL 1, 2005,

, respectively.

Application number(s) or patent number(s);

If this document is being filed together with a new application, the execution date of the application is as follows:

A. Patent Application No. (s)

B. Patent No.(s)

11/073,118

5. Name and address of party to whom correspondence concerning document should be mailed:

CUSTOMER NO. 01933
FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
767 Third Avenue, 25th Floor
New York, New York 10017-2023

FAX NO. 212-319-5101

- 7. Total fee (37 CFR 3.41): \$ 40.00
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Lebnard Holiz Reg. No. 22,974

Dated: <u>Avril 15, 2005</u>

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Sharen Portney

Dated: April 19, 2005

12/04

Total number of pages including cover sheet, attachments and document: 3

PATENT REEL: 016339 FRAME: 0154

OP \$40,00 110/3118

U.S. Attorney Docket 05139/LH

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to 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:

WIRE DOT PRINTER HEAD AND WIRE DOT PRINTER

sell and assign to Toshiba Tec Kabushiki Kaisha

a corporation of Japan

5-Jun-2005 04:22 PM

01/05

having a business address at 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo 141-8664, 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 application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions 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 it 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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial number and filing date of said application when known.

SERIAL NO.: 11/073,118

FILING DATE: March 3, 2005

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR:SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: Takafiro Variogrech.	Date: APR. 01, 2005	2-17-2 Higashigotanda, Shinagawa-ku, Tokyo 141-8664 JAPAN
Type: Takahiro KAWAGUCHI	Witness:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sign: Yusunolm Tiezaco	Date: APR 01, 2005	2-17-2 Higashigotanda, Shinagawa–ku, Tokyo 141-8664 JAPAN
Type: Yasunobu TERAO	Witness:	
Sign: Keich Kricky	Date: APR.01, 2005	2-17-2 Higashigotanda, Shinagawa-ku, Tokyo 141-8664 JAPAN
Type: Keishi TSUCHIYA	Witness:	,
Sign:	Date:	
Туре:	Witness:	

NOTES: MUST BE DATED.	WITNESS DESIRABLE.	LEGALIZATION NOT
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RECORDED: 06/15/2005

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FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C. 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023 Telephone No.: (212) 319-4900 Facsimile No.: (212) 319-5101

> PATENT REEL: 016339 FRAME: 0155