

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>Hiroshi YAMADA</td><td>03/02/2009</td></tr><tr><td>Kazuhito UCHIDA</td><td>03/02/2009</td></tr><tr><td>Tadashi IINO</td><td>03/02/2009</td></tr><tr><td>Suguru ANDOH</td><td>03/02/2009</td></tr><tr><td>Hayato MIYASHITA</td><td>03/02/2009</td></tr></tbody></table>	Name	Execution Date	Hiroshi YAMADA	03/02/2009	Kazuhito UCHIDA	03/02/2009	Tadashi IINO	03/02/2009	Suguru ANDOH	03/02/2009	Hayato MIYASHITA	03/02/2009	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>TDK CORPORATION</td></tr><tr><td>Street Address:</td><td>1-13-1, Nihonbashi, Chuo-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>103-8272</td></tr></table>	Name:	TDK CORPORATION	Street Address:	1-13-1, Nihonbashi, Chuo-ku	City:	Tokyo	State/Country:	Japan	Postal Code:	103-8272			
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12325094</td></tr></tbody></table>	Property Type	Number	Application Number:	12325094									
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CORRESPONDENCE DATA													
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	335379US2												
NAME OF SUBMITTER:	Aynalem Assefa												

OP \$40.00 12325094

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PATENT
REEL: 022405 FRAME: 0148

Total Attachments: 2

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PATENT

REEL: 022405 FRAME: 0149

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) Hiroshi YAMADA, Kazuhito UCHIDA, Tadashi IINO, Suguru ANDOH and Hayato
MIYASHITA

of c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

, respectively,

INSERT TITLE OF
INVENTION

have invented certain new and useful improvements in: THERMALHEAD, METHOD FOR MANUFACTURE OF
SAME, AND PRINTING DEVICE PROVIDED WITH SAME

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TDK CORPORATION of 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____ is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Mar 02. 2009

Hiroshi Yamada
(Signature of Inventor) Hiroshi YAMADA

Date: Mar. 02. 2009

Kazuhito UCHIDA
(Signature of Inventor) Kazuhito UCHIDA

Date: Mar. 02 2009

Tadashi Iino
(Signature of Inventor) Tadashi IINO

Date: Mar. 02. 2009

Suguru Ando
(Signature of Inventor) Suguru ANDOH

Date: Mar. 02. 2009

Hayato Miyashita
(Signature of Inventor) Hayato MIYASHITA

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314