

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TS HEATRONICS CO., LTD.	02/08/2012
RECEIVING PARTY DATA	
Name:	MIZUTANI ELECTRIC IND. CO., LTD.
Street Address:	9-8, Sotokanda 4-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	101-0021
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	5642775
Patent Number:	5697428
Patent Number:	5737840
Patent Number:	6026890
CORRESPONDENCE DATA	
Fax Number:	(202)672-5399
Phone:	202-672-5300
Email:	rfeimster@foley.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Glenn Law
Address Line 1:	FOLEY & LARDNER LLP Suite 500
Address Line 2:	3000 K Street, N.W.
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20007-5143
ATTORNEY DOCKET NUMBER:	040679-0270
NAME OF SUBMITTER:	Renell G. Feimster for Glenn Law
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$160.00 5642775

Z11ACT029

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned:

TS HEATRONICS CO., LTD.

having an address at

2798-51, Minamiyoshida-machi
Matsuyama-shi, Ehime-ken 791-8042, Japan

owner of the rights in the United States of America and its territories and possessions to the below listed U.S. Patents, as evidenced in the records in the U.S. Patent and Trademark Office, hereby sells and assigns, unto:

MIZUTANI ELECTRIC IND. CO., LTD.

having an address at

9-8, Sotokanda 4-chome, Chiyoda-ku
Tokyo 101-0021, Japan

all TS HEATRONICS CO., LTD.'s right, title and interest for the United States of America, its territories and possessions, in and to the inventions and the patents therefor, identified as follows:

<u>PATENT NUMBER</u>	<u>ISSUE DATE</u>	<u>TITLE</u>
5,642,775	July 1, 1997	RIBBON-LIKE PLATE HEAT PIPES
5,697,428	December 16, 1997	TUNNEL-PLATE TYPE HEAT PIPE
5,737,840	April 14, 1998	METHOD OF MANUFACTURING TUNNEL- PLATE TYPE HEAT PIPES
6,026,890	February 22, 2000	HEAT TRANSFER DEVICE HAVING METAL BAND FORMED WITH LONGITUDINAL HOLES

including all reissue and extensions of said Letters Patent.

The undersigned hereby grants the firm of FOLEY & LARDNER LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Company: TS HEATRONICS CO., LTD.

Date: February 8, 2012

By: Isao Nohara
Name: Isao NOHARA
Title: President & CEO

Date: February 8, 2012
Date: 2/9/2012

WITNESS: Tatsuya Yamashita
WITNESS: Devin H. Haddad

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by certificate from a U.S. Consul.