

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li CHANG</td> <td>09/04/2010</td> </tr> <tr> <td>Hui-Ling WEN</td> <td>09/15/2010</td> </tr> <tr> <td>Shih-Pin MENG</td> <td>09/15/2010</td> </tr> <tr> <td>Chung-Jung KUO</td> <td>09/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Li CHANG	09/04/2010	Hui-Ling WEN	09/15/2010	Shih-Pin MENG	09/15/2010	Chung-Jung KUO	09/15/2010
Name	Execution Date										
Li CHANG	09/04/2010										
Hui-Ling WEN	09/15/2010										
Shih-Pin MENG	09/15/2010										
Chung-Jung KUO	09/15/2010										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>DELTA ELECTRONICS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>252, Shang Ying Road, Kuei San,</td> </tr> <tr> <td>City:</td> <td>Taoyuan Hsien</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> <tr> <td>Postal Code:</td> <td>333</td> </tr> </table>		Name:	DELTA ELECTRONICS, INC.	Street Address:	252, Shang Ying Road, Kuei San,	City:	Taoyuan Hsien	State/Country:	TAIWAN	Postal Code:	333
Name:	DELTA ELECTRONICS, INC.										
Street Address:	252, Shang Ying Road, Kuei San,										
City:	Taoyuan Hsien										
State/Country:	TAIWAN										
Postal Code:	333										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12883765</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12883765						
Property Type	Number										
Application Number:	12883765										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (703)621-7155</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-621-7140</p> <p>Email: mcp@mg-ip.com</p> <p>Correspondent Name: Muncy, Geissler, Olds &amp; Lowe, PLLC</p> <p>Address Line 1: 4000 Legato Road</p> <p>Address Line 2: Suite 310</p> <p>Address Line 4: FAIRFAX, VIRGINIA 22033</p>											
ATTORNEY DOCKET NUMBER:	0941/2470PUS2										
NAME OF SUBMITTER:	Joe McKinney Muncy										
Total Attachments: 3											

OP \$40.00 12883765

**501293141**

**PATENT**  
**REEL: 024999 FRAME: 0650**

source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif

## ASSIGNMENT

WHEREAS, Li CHANG, Hui-Ling WEN, SHIH-PIN MENG, and Chung-Jung KUO

hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: MAGNETOCALORIC STRUCTURE

Filed: 09/16/2010

Serial No. 12/883,765

Executed on: September 4, 2010; September 15, 2010

WHEREAS, DELTA ELECTRONICS, INC. of 252, Shang Ying Road, Kuei San, Taoyuan Hsien 333, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Li CHANG

2010/09/04  
Date

Hui-Ling WEN

                      
Date

## ASSIGNMENT

WHEREAS, Li CHANG, Hui-Ling WEN, SHIH-PIN MENG, and Chung-Jung KUO  
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements  
as described and set forth in the below identified application for United States Letters Patent:

Title: MAGNETOCALORIC STRUCTURE

Filed: 09/16/2010 Serial No. 12/883,765

Executed on: September 4, 2010; September 15, 2010

WHEREAS, DELTA ELECTRONICS, INC. of 252, Shang Ying Road, Kuei San, Taoyuan Hsien 333, Taiwan, R.O.C. hereinafter referred to as  
ASSIGNEE, is desirous of acquiring ASSIGNOR interest in the said invention and  
application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for  
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,  
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign  
and transfer unto the said Assignee, and Assignee successors and assigns, all his/her/their  
rights, title and interest in and to the said invention and application and all future  
improvements thereon, and in and to any Letters Patent which may hereafter be granted on the  
same in the United States, the said interest to be held and enjoyed by said Assignee as fully and  
exclusively as it would have been held and enjoyed by said Assignor had this Assignment and  
transfer not been made, to the full end and term of any Letters Patent which may be granted  
thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion,  
reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said  
Assignee, but at Assignee expense, cooperate with Assignee in the prosecution of said  
application and/or applications, execute, verify, acknowledge and deliver all such further  
papers, including applications for Letters Patent and for the reissue thereof, and instruments of  
assignment and transfer thereof, and will perform such other acts as Assignee lawfully may  
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest  
title thereto in said Assignee, or Assignee successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the  
date(s) indicated.

\_\_\_\_\_  
Li CHANG

\_\_\_\_\_  
Date

Hui-Ling Wen  
Hui-Ling WEN

09.15.2010  
Date

Shih-Pin Meng  
SHIH-PIN MENG

9/15/2010  
Date

Chung-Jung Kuo  
Chung-Jung Kuo

9/15/2010  
Date