

## 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>Terry Cleveland</td><td>06/09/2011</td></tr><tr><td>Clifford Ellison III</td><td>06/09/2011</td></tr><tr><td>Scott Dearborn</td><td>06/09/2011</td></tr><tr><td>Keith Pazul</td><td>06/10/2011</td></tr></tbody></table>	Name	Execution Date	Terry Cleveland	06/09/2011	Clifford Ellison III	06/09/2011	Scott Dearborn	06/09/2011	Keith Pazul	06/10/2011	
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Terry Cleveland	06/09/2011										
Clifford Ellison III	06/09/2011										
Scott Dearborn	06/09/2011										
Keith Pazul	06/10/2011										
RECEIVING PARTY DATA											
Name:	Microchip Technology Incorporated										
Street Address:	2355 West Chandler Blvd.										
City:	Chandler										
State/Country:	ARIZONA										
Postal Code:	85224-6199										
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>13158874</td></tr></tbody></table>	Property Type	Number	Application Number:	13158874							
Property Type	Number										
Application Number:	13158874										
CORRESPONDENCE DATA											
Fax Number: (512)457-2100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (512) 457-2123											
Email: trosson@kslaw.com											
Correspondent Name: Todd Rosson (68354.118493)											
Address Line 1: King & Spalding L.L.P.											
Address Line 2: 401 Congress Avenue #3200											
Address Line 4: Austin, TEXAS 78701											
ATTORNEY DOCKET NUMBER:	68354.118493										
NAME OF SUBMITTER:	Todd Rosson										
Total Attachments: 4 source=Assignment_118493#page1.tif source=Assignment_118493#page2.tif source=Assignment_118493#page3.tif source=Assignment_118493#page4.tif											

CH \$40.00 13158874

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PATENT  
REEL: 026469 FRAME: 0608

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the below signed inventor of record, hereby assign to:

**MICROCHIP TECHNOLOGY INCORPORATED**  
**2355 WEST CHANDLER BLVD.**  
**CHANDLER, AZ 85224-6199**

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me this day, entitled:

**"EFFICIENCY-OPTIMIZING, CALIBRATED SENSORLESS POWER/ENERGY CONVERSION IN A SWITCH-MODE POWER SUPPLY"**

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

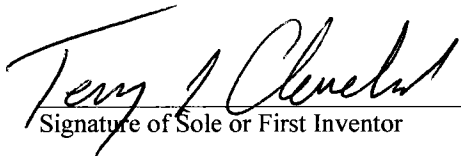
IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of First or Sole Inventor: **TERRY CLEVELAND**

Residence: **1958 Dutchtown Road**  
**Endicott, NY 13760**

Citizenship: **USA**

Post Office Address: **1958 Dutchtown Road**  
**Endicott, NY 13760**

  
 Signature of Sole or First Inventor

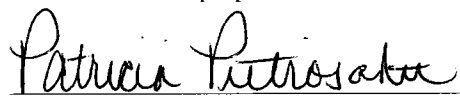
6/9/2011  
 Date of Signature

In the State of NY §

In the County of Broome §

Before me, the undersigned authority, on this 9 day of June, 2011 personally appeared **Terry Cleveland**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

**PATRICIA PIETROSANTI**  
 Notary Public in the State of New York  
 No. 01PI6163414  
 Qualified in Broome County  
 My Commission Expires March 26, 2015

  
 Notary or Consular Officer

Full Name of Second Inventor: **CLIFFORD ELLISON III**

Residence: **8462 VIELEY ROAD  
CAMPBELL, NY 14821**

Citizenship: **USA**

Post Office Address: **8462 VIELEY ROAD  
CAMPBELL, NY 14821**

  
Signature of Second Inventor

6/9/11  
Date of Signature

In the State of NY §  
In the County of Broome §

Before me, the undersigned authority, on this 9 day of June, 2011 personally appeared **Clifford Ellison III**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

**PATRICIA PIETROSANTI**  
Notary Public in the State of New York  
No. 01PI6163414  
Qualified in Broome County  
My Commission Expires March 26, 2015

  
Notary or Consular Officer

Full Name of Third Inventor: **SCOTT DEARBORN**  
Residence: **24109 STATE ROUTE 167**  
**BRACKNEY, PA 18812**  
Citizenship: **USA**  
Post Office Address: **24109 STATE ROUTE 167**  
**BRACKNEY, PA 18812**

*Scott Dearborn*  
Signature of Third Inventor

6/9/2011  
Date of Signature

In the State of NY §  
In the County of Broome §  
§

Before me, the undersigned authority, on this 9 day of June, 2011 personally appeared **Scott Dearborn**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

PATRICIA PIETROSANTI  
Notary Public in the State of New York  
No. 01PI6163414  
Qualified in Broome County  
My Commission Expires March 26, 2015

*Patricia Pietrosanti*  
Notary or Consular Officer

Full Name of Fourth Inventor: **KEITH PAZUL**  
Residence: **239 WEST MYRNA LANE**  
**TEMPE, AZ 85284**  
Citizenship: **USA**  
Post Office Address: **239 WEST MYRNA LANE**  
**TEMPE, AZ 85284**

Keith Pazul  
Signature of Fourth Inventor

6/10/11  
Date of Signature

In the State of Arizona §  
§  
In the County of Maricopa §

Before me, the undersigned authority, on this 10<sup>th</sup> day of June, 2011 personally appeared **Keith Pazul**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Jacqueline Eichman  
Notary or Consular Officer

