

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert H. Kippley	09/15/2011
Bradley J. Schumacher	09/15/2011
Gary P. Magnuson	09/15/2011
Kwong K. Chin	09/14/2011
RECEIVING PARTY DATA	
Name:	Astec International Limited
Street Address:	2 Wing Yip Street, 16/F & 17/F Lu Plaza
City:	Kwun Tong, Kowloon
State/Country:	HONG KONG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13243587
CORRESPONDENCE DATA	
Fax Number:	(314)726-7501
Email:	MJTEFILE@HDP.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:	Michael J. Thomas
Address Line 1:	7700 Bonhomme Avenue, Suite 400
Address Line 4:	St. Louis, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	9676A-000182/US
NAME OF SUBMITTER:	Michael J. Thomas
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

CH \$40.00 13243587

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

COMPACT ISOLATED SWITCHING POWER CONVERTERS

for which Assignor is about to make or has made United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- (b) executed on _____, _____, _____; or
- (c) filed on September 23, 2011, and assigned Serial No. 13/243,587 or PCT International Application No. _____; and

WHEREAS, Astec International Limited, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

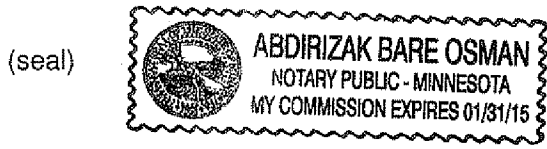
ASSIGNMENT

121 W 1st St
First Inventor or Assignor: Robert H. Kippley

State of MINNESOTA)
County of HENNEPIN) ss.

On this 15th day of SEPTEMBER, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, Abdirizak Osman



Acting in the County Of HENNEPIN
State Of MN

My Commission Expires 01/31/2015

ASSIGNMENT

Bradley J. Schumacher

Second Joint Inventor or Assignor: Bradley J. Schumacher

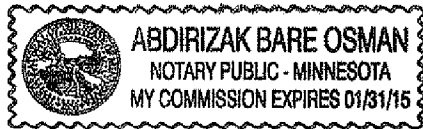
State of MINNESOTA)
County of HENNEPIN) ss.

On this 15th day of SEPTEMBER, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,
Abdirizak Osman

Acting in the County Of HENNEPIN

(seal)



State Of mn

My Commission Expires
01/31/2015

ASSIGNMENT

Gary P. Magnuson
Third Joint Inventor or Assignor: Gary P. Magnuson

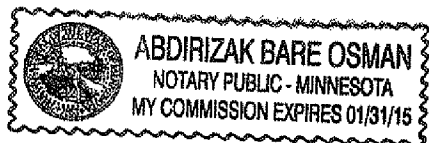
State of MINNESOTA)
County of HENNEPIN) ss.

On this 15th day of SEPTEMBER, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public, Abdirizak Bare Osman

Acting in the County Of HENNEPIN

(seal)



State Of MN

My Commission Expires 01/31/2015

ASSIGNMENT

Copy

Fourth Joint Inventor or Assignor: Kwong K. Chin

State of California)
County of Alameda) ss.

On this fourteenth day of September, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

[Signature]

Acting in the County Of ALAMEDA

(seal)

State Of CA

My Commission Expires FEB 23, 2013

