

08-16-2004

Patent and Trademark Office

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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a) Vijay Gangadhar Phadke
- b) Arlindo Vitug Asuncion
- c) Israel Gomez Beltran

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Company: Astec International Limited
Address: 16th Floor, Lu Plaza, 2 Wing Yip Street
City/State/Zip: Kwun Tong, Hong Kong

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Change of Name
- ☐ Security Agreement ☐ Merger
- ☐ Other:

Execution Dates: a) 8/6/04; b) & c) 8/3/04

08/10/2004 HMARZI1 00000040 10912808

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4. Application number(s) or patent number(s)

Attorney Docket No. 3409-181

If this document is being filed together with a new application, the execution date of the application is: 8/6/04 and 8/3/04

A. Patent Application No. Unassigned

B. Patent No.(s): NA

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Donald L. Bartels
Company: Coudert Brothers LLP
Street Address: Two Palo Alto Square
3000 El Camino Real, Fourth Floor
City/State/Zip: Palo Alto, CA 94306-2121

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
- ☒ Enclosed
 - ☒ Authorized deficiencies be charged to Deposit Account

8. Deposit Account Number: 13-0201

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald L. Bartels

28,282

Name of Person Signing

Reg. No.

[Signature]
Signature

August 6, 2004

Date

Total number of pages including cover sheet, attachments and document: 4


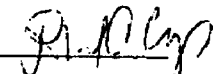
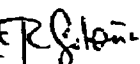
ASSIGNMENT

I, Vijay Gangadhar Phadke of FA12, The Crescent Condominium, San Miguel Avenue, Pasig City, Metro Manila, Philippines, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to ASTEC INTERNATIONAL LIMITED, a Hong Kong corporation having a place of business at 16th Floor, Lu Plaza, 2 Wing Yip Street, Kwun Tong, Hong Kong, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States entitled:

**A CIRCUIT FOR REDUCING LOSSES AT LIGHT LOAD
IN A SOFT SWITCHING FULL BRIDGE CONVERTER**

pp 832 - util

(Attorney Docket No. 3409-181) and in and to all Letters Patent and all convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. I agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above assignee in accordance with this Assignment.

AUGUST 06, 2004Vijay Gangadhar PhadkeWitness: RICHARD DANIEL C. CAUBENS Address: 1-J CYPRESS VILL, SFDM, QUEZON CITY, PHILIPPINESWitness: ANTONIO R. SILENO Address: 3 WALIM SAN ST., PLAINVIEW, MANILA, PHILS

ASSIGNMENT

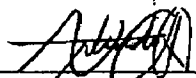
I, Arlindo Vitug Asuncion of 8 Teheran Ext. Merville, Parañaque City, Philippines, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to ASTEC INTERNATIONAL LIMITED, a Hong Kong corporation having a place of business at 16th Floor, Lu Plaza, 2 Wing Yip Street, Kwun Tong, Hong Kong, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:

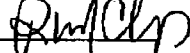
**A CIRCUIT FOR REDUCING LOSSES AT LIGHT LOAD
IN A SOFT SWITCHING FULL BRIDGE CONVERTER**

pp832-util


(Attorney Docket No. 3409-181) and in and to all Letters Patent and all convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. I agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above assignee in accordance with this Assignment.

AUGUST 3, 2004


Arlindo Vitug Asuncion

Witness: RICHARD DANIEL C. CALIBING 

Address: 1-J CYPRESS VILL, SFDM, QUEZON CITY, PHILIPPINES

Witness: ORACION C. AGUIRO 

Address: 2576 ATIS ST., WATERSIDE VILLAGE, PLEasant COV, PHILIPPINES

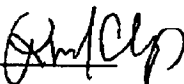
ASSIGNMENT

I, Israel Gomez Beltran of (10) #28 Kamagong Road, St. Anthony Subd., Cainta, Rizal, Philippines, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to ASTEC INTERNATIONAL LIMITED, a Hong Kong corporation having a place of business at 16th Floor, Lu Plaza, 2 Wing Yip Street, Kwun Tong, Hong Kong, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:

**A CIRCUIT FOR REDUCING LOSSES AT LIGHT LOAD
IN A SOFT SWITCHING FULL BRIDGE CONVERTER**

pp832-*ucl*

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AUG. 3, 2004
Israel Gomez BeltranWitness: RICHARD DANIEL C. CAUBANGAddress: 1-J CYPRESS VILL, SFQM, QUEZON CITY, PHILIPPINESWitness: BRIGSON C. AQUINOAddress: 2476 ARTS ST., UNITED MILL VILLAGE, QUEZON CITY, PHILIPPINES