# 502745284 03/31/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2791880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YINGYI YAN	01/16/2014
FRED C. LEE	01/27/2014
PAOLO MATTAVELLI	01/16/2014

## **RECEIVING PARTY DATA**

Name:	Virginia Polytechnic Institute and State University	
Street Address:	301 Burruss Hall	
City:	Blacksburg	
State/Country:	VIRGINIA	
Postal Code:	24061	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14154835

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	13-014_1 US
NAME OF SUBMITTER:	MARK S. COBURN
SIGNATURE:	/Mark S. Coburn/
DATE SIGNED:	03/31/2014

# **Total Attachments: 4**

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PATENT 502745284 REEL: 032557 FRAME: 0463

Serial Number: 14/154,835

#### ASSIGNMENT

**WHEREAS**, I/we, the below-named inventor(s) (hereinafter referred to as ASSIGNORS) whose residence address is stated below, have invented certain new and useful improvements in an invention entitled:

# I^2 Average Current Mode (ACM) Control For Switching Power Converters

for which an application for United States Letters Patent Serial No. 14/154,835 has been filed on 1/14/2014; and

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications claiming the benefit of said application to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

**ASSIGNORS** hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

PATENT REEL: 032557 FRAME: 0464

Full Name of Inventor: Yingyi Yan Residence: 1853 Masuda Landing, San Jose, Canada Signature:	Date: Jan / 16 / 2014
Full Name of Inventor: Fred C. Lee Residence: 2909 Stradford Lane, Blacksburg, V	irginia 24060
Signature:	Date:
Full Name of Inventor: Paolo Mattavelli Residence: 811 Toms Creek Road, Blacksburg,	Virginia 24060
Signature:	Date:

VTIP 13-014

Serial Number: 14/154,835

PATENT REEL: 032557 FRAME: 0465

Serial Number: 14/154,835	
Full Name of Inventor: Yingyi Yan Residence: 1853 Masuda Landing, San Jose, California 951	32
Signature:	Date:
Full Name of Inventor: Fred C. Lee Residence: 2909 Stradford Lane, Blacksburg, Virginia 2406 Signature:	•
Full Name of Inventor: Paolo Mattavelli Residence: 811 Toms Creek Road, Blacksburg, Virginia 240	960
Signature:	Date:

VTIP 13-014

PATENT REEL: 032557 FRAME: 0466

VTIP 13-014	
Serial Number: 14/154,835	
Full Name of Inventor: Yingyi Yan	
<u> </u>	22
Residence: 1853 Masuda Landing, San Jose, California 951	132
Signature:	Date:
Signature.	
	•
Full Name of Inventor: Fred C. Lee	
Residence: 2909 Stradford Lane, Blacksburg, Virginia 2406	60
Signature:	_ Date:
Full Name of Inventor: Paolo Mattavelli	
Residence: 811 Toms Creek Road, Blacksburg, Virginia 24	, ,
Signature: Pass Matters	1/16/2 11

PATENT REEL: 032557 FRAME: 0467

**RECORDED: 03/31/2014**