

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michael R. Ingram	05/25/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Tennessee Valley Authority
<b>Street Address:</b>	400 W. Summit Hill Drive
<b>City:</b>	Knoxville
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37902-1499
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11277594
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(704)375-0729
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	704-375-9249
<b>Email:</b>	cms@adamspat.com
<b>Correspondent Name:</b>	W. Thad Adams, III
<b>Address Line 1:</b>	301 S. Tryon Street
<b>Address Line 2:</b>	2180 Two Wachovia Center
<b>Address Line 4:</b>	Charlotte, NORTH CAROLINA 28282
<b>ATTORNEY DOCKET NUMBER:</b>	3530/1US
<b>NAME OF SUBMITTER:</b>	W. Thad Adams, III
<b>Total Attachments: 2</b> source=3530-1US-ingram-asn#page1.tif source=3530-1US-ingram-asn#page2.tif	

CH \$40.00 11277594

## ASSIGNMENT

I, **Michael R. Ingram**, a citizen and resident of the United States of America and residing at 8634 Hidden Branches Road, Harrison, Tennessee 37341, U.S.A., in consideration of the sum of \$1.00 (One Dollar), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer unto **Tennessee Valley Authority**, a corporation organized under the laws of the state of **Tennessee**, and having an office at 400 W. Summit Hill Drive, Knoxville, Tennessee 37902-1499, U.S.A., ("ASSIGNEE"), the entire right, title and interest, together with all rights of priority, in and to my invention for certain improvements in **METHOD AND CIRCUIT FOR CASCADED PULSE WIDTH MODULATION**, as described in the Application Serial No. 11/277,594, filed in the United States Patent and Trademark Office on the 27<sup>th</sup> day of March, 2006, preparatory to obtaining Letters Patent of the United States therefor; and as described and/or claimed in any and all applications for Letters Patent based thereon including divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND I HEREBY AUTHORIZE ASSIGNEE to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name, or in my name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of ASSIGNEE execute any continuations, divisions, reissues, or any other additional applications for Letters Patent for

said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said **Tennessee Valley Authority**, as sole ASSIGNEE.

WITNESS MY hand and seal this 25 day of May, 2006.

  
Michael R. Ingram

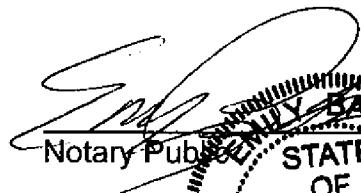
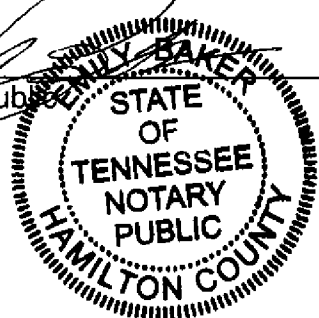
NOTARY ACKNOWLEDGMENT

STATE OF Tennessee

COUNTY OF Hamilton

I, Emily Baker, a Notary Public for said County and State do hereby certify that Michael R. Ingram appeared before me personally and signed the aforementioned Assignment.

This the 25<sup>th</sup> day of May, 2006.

  
Notary Public 

My Commission Expires 11-5-08

SEAL