

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Jefferson G Zeanah	10/08/2009
Richard G. Huff	10/08/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Southern Company Services, Inc.
<b>Street Address:</b>	241 Ralph McGill Boulevard, NE
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12582448
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)870-2405
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	S265 1400.1
<b>NAME OF SUBMITTER:</b>	John J. Timar

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Total Attachments: 3  
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**PATENT  
 REEL: 023451 FRAME: 0273**



## PATENT AND INVENTION ASSIGNMENT

WHEREAS, the undersigned **Jefferson G. Zeanah**, a citizen of the United States of America, residing at 9430 Huntcliff Trace, Sandy Springs, Georgia 30350, and **Richard G. Huff**, a citizen of the United States of America, residing at 1840 Tobey Road, Atlanta, Georgia 30341, (hereinafter collectively referred to as "**Assignors**") have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled **HOMOGENEITY BASED DIVERSITY PREDICTION METHOD FOR TRANSFORMER SELECTION**, which application is about to be filed in the in the United States Patent and Trademark Office and was executed as follows:

by **Jefferson G. Zeanah** on 10/8/2009;

by **Richard G. Huff** on 10/08/2009;

WHEREAS, it is agreed that **Southern Company Services, Inc.**, a Corporation of the State of Georgia, having its principal place of business at 241 Ralph McGill Boulevard, NE, Atlanta, Georgia 30308, is entitled to or is desirous of acquiring all right, title and interest related to the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignors**, by these presents, do sell, assign and transfer unto **Southern Company Services, Inc.**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to all divisional, continuation, and continuation-in-part applications describing in whole or in part the said inventions and improvements, preparatory to obtaining Patents of the United States therefor, (iv) in and to all patents of the United States which may be granted on the foregoing and all reissues and extensions thereof, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority has been or may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from any of the aforementioned patent applications; and **Assignors** do hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Southern Company Services, Inc.**, as

Assignee, for its interest and for the sole use and behoof of **Southern Company Services, Inc.**, and its assigns and legal representatives;

FOR the same consideration, Assignors, by these presents do sell, assign and transfer to **Southern Company Services, Inc.**, the full, exclusive and entire right, title and interest: in and to any and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates and designs, (the "Foreign Applications") filed or which are hereafter filed in countries foreign to the United States and describing in whole or in part the said inventions and improvements, in and to any Patents and similar protective rights granted on said Foreign Applications, and in and to the right to file such applications and the right to claim any applicable priority rights arising from or required for said Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations; said Foreign Applications to be filed and issued in the name of **Southern Company Services, Inc.**, or its respective designees, insofar as permitted by applicable law;

AND, for the same consideration, Assignors agree to communicate to the said **Southern Company Services, Inc.**, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Southern Company Services, Inc.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

Assignors covenant with Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned.



Jefferson G. Zeanah

STATE OF GEORGIA  
COUNTY OF \_\_\_\_\_

Before me, a Notary Public in and for the County and State aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, personally appeared **Jefferson G. Zeanah**, known to me to be the same person whose name is subscribed to the foregoing Patent and Invention Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Patent and Invention Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

*Carmelle Ngoulou*  
NOTARY PUBLIC

(SEAL)

**CARMELLE NGOULOU**  
NOTARY PUBLIC  
Fulton County - State of Georgia  
My Comm. Expires Jan. 1, 2012

My Commission Expires: 01-01-2012

*Richard G. Huff*  
Richard G. Huff

STATE OF GEORGIA

COUNTY OF Fulton

Before me, a Notary Public in and for the County and State aforesaid, on this 08 day of October, 2009, personally appeared **Richard G. Huff**, known to me to be the same person whose name is subscribed to the foregoing Patent and Invention Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Patent and Invention Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

*Carmelle Ngoulou*  
NOTARY PUBLIC

(SEAL)

My Commission Expires: 01-01-2012

**CARMELLE NGOULOU**  
NOTARY PUBLIC  
Fulton County - State of Georgia  
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