### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
David C. Sheridan	11/20/2009	
Andrew P. Ritenour	11/20/2009	

#### RECEIVING PARTY DATA

Name:	SemiSouth Laboratories, Inc.	
Street Address:	201 Research Blvd.	
City:	Starkville	
State/Country:	MISSISSIPPI	
Postal Code:	39759	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12613065

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ATTORNEY DOCKET NUMBER: 17388-73130

NAME OF SUBMITTER: Christopher W. Raimund

Total Attachments: 2

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PATENT

REEL: 023662 FRAME: 0674

OF \$40.00 1261506

## MORRIS, MANNING & MARTIN, LLP

# ASSIGNMENT OF AN APPLICATION

WHEREAS, I/we,

ATTORNEY DOCKET NO.

17388/73130

FIRST NAMED INVENTOR

## **DAVID C. SHERIDAN**

U.S. APPLICATION SERIAL NO. (If known)

12/613,065

David C. SHERIDAN	, residing in	Starkville, Mississippi			
Andrew P. RITENOUR	, residing in	Caledonia, Mississippi ,			
made certain new and useful inventions	and improvements	for which I/we filed a	n application	for	
Letters Patent of the United States on	Novem	November 5, 2009 ,			
U.S. Application Serial Number	12/	12/613,065 ,			
which is entitled:					
VERTICAL JUNCTION FIELD E	FFECT TRANSIS METHODS OF		LOPED SID	EWALLS AND	
	(Title of the Inv	ention)	***************************************		
AND WHEREAS	SemiSouth L	aboratories, Inc.		, a corporation	
having an office and place of business at 201 Research Blvd., Starkville, MS 39759					
(hereinafter "Assignee") is desirous of a	acquiring the entire r	ight, title and interest	in and to sai	d inventions,	
improvements and application and in an	nd to the Letters Pate	nt to be obtained ther	efor;		
NOW THEREFORE, to all who	m it may concern, be	it known that for an	d in consider	ation of the sum of	
One Dollar and other good and valuable	considerations, the	receipt and sufficiend	y whereof is	hereby	
acknowledged, we have sold, assigned,	and transferred, and	by these presents do	sell, assign a	nd transfer unto	
said Assignee, its successors or assigns	the entire right, title	and interest for all c	ountries in ar	nd to all inventions	
and improvements disclosed in the afor	esaid application, an	d in and to the application	ation, all divi	sions,	
continuations, or renewals thereof, all I	etters Patent which r	nay be granted theref	rom, and all	reissues or	
extensions of such patents, and in and to	o any and all applicat	ions which have been	n or shall be	filed in any foreigr	
countries for Letters Patent on the inver-	ntions and improvem	ents, including an ass	ignment of a	ll rights under the	
provisions of the International Convent	ion, and all Letters P	atent of foreign coun	tries which m	nay be granted	
therefrom; and we do hereby authorize	and request the Com	missioner of Patents	and Tradema	rks to issue any	
and all United States Letters Patent for	the aforesaid invention	ons and improvement	s to the Assi	gnee as the	
assignee of the entire right, title and into	erest in and to the sar	ne, for the use of the	Assignee, its	successors and	
assigns.					

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee,

PATENT REEL: 023662 FRAME: 0675

## ASSIGNMENT OF AN APPLICATION U.S. Patent Application Serial No. 12/613,065 Page 2 of 2

its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

The undersigned hereby grant(s) the firm Morris, Manning & Martin, LLP the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

U/Zo/og
DATE

(Signature of David C. SHERIDAN)

11-20-09 DATE (Signature of Andrew P. RITENOUR)

PATENT REEL: 023662 FRAME: 0676

**RECORDED: 12/16/2009**