PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
MARK L PRUETT			12/08/2010	
STEVEN K PARKER			12/08/2010	
RECEIVING PARTY D	ΑΤΑ			
Name:	DOMINION RESOURCES SERVICES, INC.			
Street Address:	120 TREDEGAR STREET			
City:	RICHMOND			
State/Country:				
Postal Code:	23219			
PROPERTY NUMBERS Total: 1				
Property Type		Number		
		Humber		
Application Number:		74507		74507
Application Number:	127			12774507
CORRESPONDENCE	DATA (703)712-52-	40		
CORRESPONDENCE	DATA (703)712-52-	74507 40 <i>when the fax attempt is unsuccessful.</i>		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i>	DATA (703)712-52- be sent via US Mail 2125487034	74507 40 <i>when the fax attempt is unsuccessful.</i>		
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA (703)712-52- be sent via US Mail 2125487034 SCOTUGNC SAFET MET	40 <i>when the fax attempt is unsuccessful.</i> @MCGUIREWOODS.COM JAHIC		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (703)712-52- be sent via US Mail 2125487034 SCOTUGNC SAFET MET 1750 TYSON	40 <i>when the fax attempt is unsuccessful.</i> @MCGUIREWOODS.COM JAHIC		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (703)712-524	40 <i>when the fax attempt is unsuccessful.</i> p@MCGUIREWOODS.COM JAHIC IS BLVD		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (703)712-524	40 <i>when the fax attempt is unsuccessful.</i> @MCGUIREWOODS.COM JAHIC		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (703)712-52- be sent via US Mail 2125487034 SCOTUGNC SAFET MET 1750 TYSON SUITE 1800 MCLEAN, VI	40 <i>when the fax attempt is unsuccessful.</i> p@MCGUIREWOODS.COM JAHIC IS BLVD		\$40 DD
CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	127 DATA (703)712-52- be sent via US Mail 2125487034 SCOTUGNC SAFET MET 1750 TYSON SUITE 1800 MCLEAN, VI NUMBER:	40 when the fax attempt is unsuccessful. @MCGUIREWOODS.COM JAHIC NS BLVD RGINIA 22102		\$40 DD

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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Mark L. Pruett residing in Glen Allen, Virginia, (hereinafter collectively referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements in: VOLTAGE CONSERVATION USING ADVANCED METERING INFRASTRUCTURE AND SUBSTATION CENTRALIZED VOLTAGE CONTROL, set forth in an application for Letters Patent of the United States, serial no. 12/774507 filed on May 5, 2010; and

WHEREAS, Dominion Resources Services, Inc., a corporation organized under and pursuant to the laws of Virginia, having its principal place of business at 120 Tredegar Street, Richmond, Virginia 23219 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, his entire right, title and interest in and to the abovementioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the

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use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee or its affiliates under law or that have already been transferred to Assignee or its affiliates, Assignor is the lawful owner of his entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignor hereby requests that such Letters Patent of the United States and all foreign countries be granted to Assignee, as assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledges an obligation of assignment of the inventions to Assignee at the time the inventions were made.

<u>ASSIGNOR</u>: Signed at RICHMOND, VIRGINIA, this $\frac{3^{44}}{2}$ day of December 2010.

By: Mark Quett

COMMONWEALTH OF VIRGINIA)) ss: CITY OF RICHMOND)

On this \underline{S}^{μ} day of December 2010, personally before me came Mark L. Pruett, who, under penalty of perjury, represented to me to be said person, and who acknowledged that he did sign said instrument and that the same is his free act and deed.

(SEAL)

<u>Atephance A. Smith</u> NR # 270003 Notary Public

My Commission Expires : July 31, 2012.

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ASSIGNEE:

Signed at RICHMOND, VIRGINIA, this May of December 2010.

DOMINION RESOURCES SERVICES, INC.

Βv

Print Name: James F. Stufts Title: Senior Vice President and General Counsel

COMMONWEALTH OF VIRGINIA) ss: CITY OF RICHMOND)

On this \underline{W} day of December 2010, personally before me came James F. Stutts, who, under penalty of perjury, represented to me to be said person, and who acknowledged that he did sign said instrument and that the same is his free act and deed and the free act and deed of said corporation.

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(SEAL)

(Hurtha A. Gel Notary Public fil My COntrissi's expres: galy 31, 2012 Registration # 22/169

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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Steven K. Parker residing in Glen Allen, Virginia, (hereinafter collectively referred to as Assignor);

WHEREAS, Assignor has invented certain new and useful improvements in: VOLTAGE CONSERVATION USING ADVANCED METERING INFRASTRUCTURE AND SUBSTATION CENTRALIZED VOLTAGE CONTROL, set forth in an application for Letters Patent of the United States, serial no. 12/774507 filed on May 5, 2010; and

WHEREAS, Dominion Resources Services, Inc., a corporation organized under and pursuant to the laws of Virginia, having its principal place of business at 120 Tredegar Street, Richmond, Virginia 23219 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, his entire right, title and interest in and to the abovementioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the

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use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee or its affiliates under law or that have already been transferred to Assignee or its affiliates, Assignor is the lawful owner of his entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignor hereby requests that such Letters Patent of the United States and all foreign countries be granted to Assignee, as assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledges an obligation of assignment of the inventions to Assignee at the time the inventions were made.

ASSIGNOR:

Signed at RICHMOND, VIRGINIA, this $\underline{\delta}^{++}$ day of December 2010.

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By: Steve A Parke

COMMONWEALTH OF VIRGINIA) ss: CITY OF RICHMOND)

On this $\underline{\delta}^{+h}$ day of December 2010, personally before me came Steven K. Parker, who, under penalty of perjury, represented to me to be said person, and who acknowledged that he did sign said instrument and that the same is his free act and deed.

(SEAL)

<u>Atephanic Anith</u> NR# 270003 Notary Public My Commission Expires: July 31, 2012.

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ASSIGNEE:

Signed at RICHMOND, VIRGINIA, this \underline{P} day of December 2010.

DOMINION RESOURCES SERVICES, INC.

By:

Print Name: James F. Stutts Title: Senior Vice President and General Counsel

COMMONWEALTH OF VIRGINIA

) ss:

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CITY OF RICHMOND

On this \bigcup day of December 2010, personally before me came James F. Stutts, who, under penalty of perjury, represented to me to be said person, and who acknowledged that he did sign said instrument and that the same is his free act and deed and the free act and deed of said corporation. \bigwedge

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(SEAL)

My Contrission exprises: July 31, 2012 Register # 22169

PATENT REEL: 025548 FRAME: 0095

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