

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABHINEET H. PARCHURE	03/31/2021
STEPHEN J. TYLER	03/31/2021
RECEIVING PARTY DATA	
Name:	DOMINION ENERGY, INC.
Street Address:	120 TREDEGAR STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18235640
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ATTORNEY DOCKET NUMBER:	200355-00182
NAME OF SUBMITTER:	ALEXANDER S. PERRY
SIGNATURE:	/Alexander S. Perry/
DATE SIGNED:	08/18/2023
Total Attachments: 5	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made on the date set forth below by Abhineet H. Parchure, having an address of c/o Dominion Voltage Incorporated, 701 E. Cary Street, Fifth Floor, Richmond, Virginia 23219, and Stephen J. Tyler, having an address of c/o Dominion Voltage Incorporated, 701 E. Cary Street, Fifth Floor, Richmond, Virginia 23219 (hereinafter collectively referred to as "Assignor"):

WHEREAS, said Assignors have invented certain new and useful improvements in ELECTRICAL GRID CONTROL SYSTEMS AND METHODS USING DYNAMICALLY MAPPED EFFECTIVE IMPEDANCE, as described in at least U.S. provisional application No. 63/004,249 (collectively, "Invention");

WHEREAS, Dominion Energy, Inc., a corporation duly organized under and pursuant to the laws of the state 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 the Invention and said Application, Letters Patent (defined below), rights, and any other indicia of invention ownership issued or granted by any governmental body, now pending and to be obtained therefor and thereon in any jurisdiction.

NOW, THEREFORE, for good and valuable consideration at least in the amount of one hundred U.S. dollars (\$100), the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and hereby do sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Inventions and any and all prior or future patent applications and Letters Patent in the United States of America and all foreign jurisdictions, including under the Patent Cooperation Treaty, the Paris Convention, the European Patent Convention, the Bangui Agreement, or any other treaty, which may be applied for or granted therefor and thereon (collectively, "Letters Patent"), and in and to any and all provisional¹ and non-provisional patent applications that claim priority to said Letters Patent, and in and to any

¹ Note that recordation of a provisional patent application number will render its serial number public.

and all direct or indirect divisions, continuations, and continuations-in-part of said Letters Patent, rights of priority, post-grant certificates, other rights from administrative proceedings, or reissues or extensions of said Letters Patent, or equivalents or counterparts of any of the foregoing, and any other indicia of ownership issued or granted by any governmental body, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and benefit and the 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 or extended, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made, and all rights, with respect to any of the foregoing, to remedies and entitlements, including, income, royalties, damages and payments, due or payable before this Assignment or thereafter, including damages, injunctive relief, and payments for past, present or future infringements or misappropriations thereof, and the right to sue and recover for past, present, and future infringements or misappropriations thereof.

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 under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and Applications 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, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors 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 cost 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 applications 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 or

derivation proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination, other administrative proceedings or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

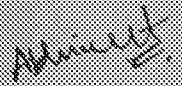
AND for the same consideration, each Assignor declares as follows: said Application for Letters Patent were made or authorized to be made by me; I believe that I am the original inventor or an original joint inventor of the referenced Inventions; I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for any continuation-in-part applications, material information which became available between the filing date of any application and the national or Patent Cooperation Treaty (PCT) International filing date of such continuation-in-part applications; any and all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon.

AND said Assignors hereby request the Commissioner of Patent and Trademarks, or such other equivalent government official, to issue said Letters Patent to the said Assignee, as the assignee of said Inventions and the Letters Patent to be issued thereon for the sole use and benefit of the said Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledges an obligation of assignment of the Inventions to Assignee at the time the Inventions were made.

The undersigned hereby grant the firm of Blank Rome LLP the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or any other governmental authority, for recordation of this document. [SIGNATURE PAGE TO FOLLOW]

ASSIGNOR:



Abhinav H. Parchure

Date: 3/31/2021

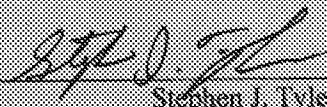
United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came _____, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

My Commission Expires: _____

ASSIGNOR:



Stephen J. Tyler

Date: 3/31/2021

United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came _____, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

My Commission Expires: _____

ASSIGNEE:

Dominion Energy, Inc.
a Virginia Corporation

By: Mark O. Webb
Title: SVP & Chief Innovation Officer
Date: April 1, 2021

Date: April 1, 2021

United States of America)
State of Virginia) ss.:
County of Richmond)
City

On this 1st day of April, 2021, before me
personally came Mark O. Webb, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Amy Leigh Bowers
Notary Public

My Commission Expires: 07/31/2021

Amy Leigh Bowers
NOTARY PUBLIC
Commonwealth of Virginia
Reg. #7296406
My Commission Expires 7/31/2021

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