

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMUEL DYLAN WEBB	03/28/2023
YAN-FEI LIU	03/28/2023
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62733942
Patent Number:	11043899
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NAME OF SUBMITTER:	NANCY MCINTYRE
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DATE SIGNED:	03/29/2023
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, **Samuel Dylan Webb** of 25 Water Walk Drive, Unit RG27, Unionville, Ontario, L6G 0G3, Canada; and **Yan-Fei Liu** of 1064 Earnhart Street, Kingston, Ontario, K7P 3C2, Canada; hereinafter referred to as "ASSIGNORS", are inventors of the Invention described and set forth in United States Provisional Patent Application No. 62/733,942, filed on 20 September 2018, entitled **Novel Zero-Inductor Voltage Converter Topology With Superior Switch Utilization**; Canadian Patent Application No. 3,056,408; and United States Patent Application No. 16/576,995, filed on 20 September 2019, now U.S. Patent No. 11,043,899 issued 22 June 2021, and both entitled **Zero Inductor Voltage Converter Topology with Improved Switch Utilization**; and

WHEREAS, **Queen's University at Kingston**, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent application and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and all subject matter in the disclosed application and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNORS had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNORS further agree that they will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications and foreign counterparts on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and the empowered officials of all other governments, to issue any and all Letters Patent and Registration for said Invention or resulting from said application, or from any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof, to ASSIGNEE, as ASSIGNORS' sole Assignee.

In testimony whereof I have hereunto set my hand;

This 28th day of March 2023.



Samuel Dylan Webb

WITNESS



Signature:

Victoria Nguyen

Printed Name:

89 Bay Street

Address:

Kingston, ON K7K 1H7

In testimony whereof I have hereunto set my hand;

This 28th day of March, _____ 2023.

Yan-Fei Liu

Yan-Fei Liu

WITNESS

Yisha Chen

Signature:

Yisha Chen

Printed Name:

1064 Earnhart Street

Address:

Kingston, Ontario, K7P 3C2
