

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6336832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW JEFFREY HANSEN	09/30/2020
REGAN A. ZANE	10/06/2020
ABHILASH KAMINENI	09/30/2020
RECEIVING PARTY DATA	
Name:	UTAH STATE UNIVERSITY
Street Address:	1465 OLD MAIN HILL, STE. 101
City:	LOGAN
State/Country:	UTAH
Postal Code:	84322-1465
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17024271
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	4357970641
Email:	paralegal@usu.edu
Correspondent Name:	LILLY STONECIPHER
Address Line 1:	1465 OLD MAIN HILL, STE. 101
Address Line 4:	LOGAN, UTAH 84322-1465
ATTORNEY DOCKET NUMBER:	P21002.01
NAME OF SUBMITTER:	LILLY STONECIPHER
SIGNATURE:	/Lilly Stonecipher/
DATE SIGNED:	10/06/2020
Total Attachments: 6	
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source=2020_09_30_Assignment_Hansen_P21002.01#page2.tif	
source=2020_10_06_Assignment_Zane_P21002.01#page1.tif	
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WHEN RECORDED RETURN TO:
Office of General Counsel
Utah State University
1465 Old Main Hill
Logan, UT 84322-1465

U.S. Patent Application No: 17/024,271
ATTORNEY DOCKET NO. P21002.01

A S S I G N M E N T

WHEREAS, Matthew Jeffrey Hansen, whose post office address is 329 W 280 N, Providence, UT 84332 ("Assignor"), have invented a certain new and useful improvement in "Zero-Crossing Current Detection for Modular and Robust Dynamic Wireless Power Transfer" (C21002) for which a U.S. Provisional or U.S. Non-provisional application was filed on September 17, 2020 and given U.S. Non-provisional or U.S. Provisional Patent Application No. 17/024,271 (I/We hereby authorize assignee to complete when known); and

WHEREAS, UTAH STATE UNIVERSITY, ("Assignee"), a state chartered institution of higher education, having a business address of 1465 Old Main Hill, Logan, UT 84322-1465 is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign to Assignee, the entire right, title and interest in the above-identified United States Application(s) and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said application(s), reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing therefrom in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby maintains the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

Assignor hereby authorizes and requests that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, recognize and record that Assignee is the owner of the entire right, title, and interest to the inventions listed above, for the sole use and benefit of Assignee, its successors,

assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the inventions listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the invention(s), to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 30 day of September, 2020, at Providence, Utah.

Matthew Jeffrey Hansen
Matthew Jeffrey Hansen (Sep 30, 2020 14:15 MDT)

Matthew Jeffrey Hansen

WHEN RECORDED RETURN TO:
Office of General Counsel
Utah State University
1465 Old Main Hill
Logan, UT 84322-1465

U.S. Patent Application No: 17/024,271
ATTORNEY DOCKET NO. P21002.01

A S S I G N M E N T

WHEREAS, Regan A. Zane, whose post office address is 124 Mountain View Drive, Hyde Park, UT 84318 ("Assignor"), have invented a certain new and useful improvement in "Zero-Crossing Current Detection for Modular and Robust Dynamic Wireless Power Transfer" (C21002) for which a U.S. Provisional or U.S. Non-provisional application was filed on September 17, 2020 and given U.S. Non-provisional or U.S. Provisional Patent Application No. 17/024,271 (I/We hereby authorize assignee to complete when known); and

WHEREAS, UTAH STATE UNIVERSITY, ("Assignee"), a state chartered institution of higher education, having a business address of 1465 Old Main Hill, Logan, UT 84322-1465 is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign to Assignee, the entire right, title and interest in the above-identified United States Application(s) and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said application(s), reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing therefrom in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby maintains the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

Assignor hereby authorizes and requests that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, recognize and record that Assignee is the owner of the entire right, title, and interest to the inventions listed above, for the sole use and benefit of Assignee, its successors,

assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the inventions listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the invention(s), to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 6 day of October, 2020, at Logan, Utah.



Regan A. Zane

WHEN RECORDED RETURN TO:
Office of General Counsel
Utah State University
1465 Old Main Hill
Logan, UT 84322-1465

U.S. Patent Application No: 17/024,271
ATTORNEY DOCKET NO. P21002.01

A S S I G N M E N T

WHEREAS, Abhilash Kamineni, whose post office address is 1516 N 260 E, North Logan, UT 84341 ("Assignor"), have invented a certain new and useful improvement in "Zero-Crossing Current Detection for Modular and Robust Dynamic Wireless Power Transfer" (C21002) for which a U.S. Provisional or U.S. Non-provisional application was filed on September 17, 2020 and given U.S. Non-provisional or U.S. Provisional Patent Application No. 17/024,271 (I/We hereby authorize assignee to complete when known); and

WHEREAS, UTAH STATE UNIVERSITY, ("Assignee"), a state chartered institution of higher education, having a business address of 1465 Old Main Hill, Logan, UT 84322-1465 is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign to Assignee, the entire right, title and interest in the above-identified United States Application(s) and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said application(s), reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing therefrom in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby maintains the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

Assignor hereby authorizes and requests that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, recognize and record that Assignee is the owner of the entire right, title, and interest to the inventions listed above, for the sole use and benefit of Assignee, its successors,

assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the inventions listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the invention(s), to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 30 day of September, 2020, at Logan, Utah.



Abhilash Kamineni