505476494 05/15/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| CHATHAN M. COOKE | 05/02/2019 |
| ANGEL J. CARVAJAL | 05/13/2019 |

RECEIVING PARTY DATA

| Name: | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
|-----------------|---------------------------------------|
| Street Address: | 77 MASSACHUSETTS AVENUE |
| City: | CAMBRIDGE |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02139 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16283911 |

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: GESMER UPDEGROVE LLP

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Address Line 4: BOSTON, MASSACHUSETTS 02109

| ATTORNEY DOCKET NUMBER: | MIT.20282 | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | MATTHEW E. CONNORS | |
| SIGNATURE: | /Matthew E. Connors/ | |
| DATE SIGNED: | 05/15/2019 | |

Total Attachments: 4

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PATENT 505476494 REEL: 049179 FRAME: 0438

ASSIGNMENT

Know all men by these presents

WHEREAS we.

Chathan M. Cooke 256 Grove Street Belmont, MA 02478

and

Angel J. Carvajal

1 Bogardus Place, Apt. 4N New York, NY 10040

have made an invention for

CORELESS POWER TRANSFORMER

described in the application filed with the United States Patent and Trademark Office on February 28, 2018, as Serial No. 62/636,277, and

WHEREAS Massachusetts Institute of Technology, a corporation duly organized and existing under the laws of Massachusetts and having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

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AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

| 6Feb 2019 | 9 Chattan M. Cooke |
|-----------|--------------------|
| Date | Chathan M. Cooke |
| Date | Angel I. Carvaial |

ASSIGNMENT

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WHEREAS we.

Chathan M. Cooke 256 Grove Street Belmont, MA 02478

and

Angel J. Carvajal

1 Bogardus Place, Apt. 4N New York, NY 10040

have made an invention for

CORELESS POWER TRANSFORMER

described in the application filed with the United States Patent and Trademark Office on February 25, 2019, as Serial No. 16/283,911, which claims priority under U.S. Provisional Application No, 62/636,277 filed February 28, 2018, and

WHEREAS Massachusetts Institute of Technology, a corporation duly organized and existing under the laws of Massachusetts and having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- 1 -

its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

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AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

| Date | Chathan M. Cooke |
|------|-------------------|
| | - Jujel Carvajal |
| Date | Argel J. Carvajal |

- 2 -

RECORDED: 05/15/2019