PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| DOUGLAS WAYNE KARKOW | 02/26/2015 |
| JOSEPH COLANNINO | 02/26/2015 |
| CHRISTOPHER A. WIKLOF | 02/25/2015 |

RECEIVING PARTY DATA

| Name: | CLEARSIGN COMBUSTION CORPORATION |
|-----------------|----------------------------------|
| Street Address: | 12870 INTERURBAN AVENUE SOUTH |
| City: | SEATTLE |
| State/Country: | WASHINGTON |
| Postal Code: | 98168 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15549957 |

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| ATTORNEY DOCKET NUMBER: | 251566WOUS01_495184-37 | |
|-------------------------|------------------------|--|
| NAME OF SUBMITTER: | KATHERINE BENTON | |
| SIGNATURE: | /Katherine Benton/ | |
| DATE SIGNED: | 08/11/2017 | |

Total Attachments: 3

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PATENT 504499629 REEL: 043267 FRAME: 0878

ASSIGNMENT

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled PREFABRICATED INTEGRATED COMBUSTION ASSEMBLIES AND METHODS OF INSTALLING THE SAME INTO A COMBUSTION SYSTEM. Preferred embodiments of said invention are disclosed in a United States provisional patent application which:

| is executed concurrently herewith for filing in the United States | Patent and | Trademark |
|---|------------|---------------|
| Office and has been assigned Application Serial No | , with a | i filing date |
| of | | |

[X] was previously filed in the United States Patent and Trademark Office on 17 February 2015, as Provisional Patent Application Serial No. 62/117,401.

(The attorneys of Dorsey & Whitney LLP are hereby authorized to insert the serial number and filing date when known.)

The Assignee, ClearSign Combustion Corporation, a corporation of the state of Washington, having a principal place of business at 12870 Interurban Avenue South, Seattle, WA 98168, desires to secure the entire right, title and interest in said invention and the provisional patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in the above-identified U.S. provisional patent application and in said invention of the above-identified U.S. provisional patent application and in all subsequent non-provisional utility patent applications claiming priority thereto, all divisions, continuations and continuations-in-part of said non-provisional patent applications, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding patent applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made; and

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The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the

benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such

Patent Office officials in foreign countries as are duly authorized by their patent laws to issue

patents, to issue any and all patents on said invention to the Assignee as the owner of the entire

interest, for the sole use and behoof of the said Assignce, its successors, assigns and legal

representatives.

Assignor hereby agrees, without further consideration and without expense to Assignce, to sign

all lawful papers and to perform all other lawful acts which the Assignee may request of

Assigner to make this Assignment fully effective, including, by way of example but not of

limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents

requested by the Assignee to further the prosecution of any of such patent

applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful

documents, the production of evidence, nullification, reissue, extension, or

infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

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PATENT **REEL: 043267 FRAME: 0880**

| Douglas | Wayne | Karkow |
|----------------------|-----------------------------------|------------------------------------|
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |
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| Inventor's signature | - Marine - | Date <u>2/26</u> . 2015 |
| Inventor 3 | | |
| Christopher | <u>A.</u> | Wiklof |
| (GIVEN NAME) | MIDOL X JN DY SLL OR NAME) | FAMILY (OR LAST NAME) |
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| | ~ / / | |

Inventor 1