505639260 08/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5686067

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| KEVIN HORNER-RICHARDSON | 07/29/2014 |

RECEIVING PARTY DATA

| Name: | THERMAL DYNAMICS CORPORATION | |
|-----------------|------------------------------|--|
| Street Address: | 82 BENNING STREET | |
| City: | WEST LEBANON | |
| State/Country: | NEW HAMPSHIRE | |
| Postal Code: | 03745 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14809359 |

CORRESPONDENCE DATA

Fax Number: (301)762-4056

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.

Phone: 301-424-3640

Email: epatent@usiplaw.com

Correspondent Name: EDELL, SHAPIRO & FINNAN, LLC **Address Line 1:** 9801 WASHINGTONIAN BLVD.

Address Line 2: SUITE 750

Address Line 4: GAITHERSBURG, MARYLAND 20878

| ATTORNEY DOCKET NUMBER: | 1485.0100C |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | DAVID W. CROSLAND |
| SIGNATURE: | /David W. Crosland/ |
| DATE SIGNED: | 08/26/2019 |

Total Attachments: 2

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PATENT 505639260 REEL: 050164 FRAME: 0616

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

AUTOMATED GAS CUTTING SYSTEM WITH AUXILLARY TORCH

| for which A patent | ssignor | is about to make or has made United States or International application for |
|--------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) | | executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney); |
| (b) | | executed on; or |
| (c) | \boxtimes | filed on July 28, 2014, and assigned Serial No. 62/029,837 or PCT International Application No. |
| (d) | | U.S. Patent No issued and |

WHEREAS, Thermal Dynamics Corporation, 82 Benning Street, West Lebanon, New Hampshire, 03745, U.S.A., hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full and of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

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PATENT REEL: 050164 FRAME: 0617

ASSIGNMENT

| Assignor hereby authorizes (Application Nonumber of seld application when kno | and requests my attorney to insert here in parentheses, filed |
|-------------------------------------------------------------------------------|---------------------------------------------------------------|
| Fair Wu Ldungs Kevin Homer-Richardson | 29 July 2014 . Date |

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PATENT REEL: 050164 FRAME: 0618

RECORDED: 08/26/2019