PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| James E. Broberg | 07/18/2013 |

RECEIVING PARTY DATA

| Name: | DuBro Products, Inc. |
|-----------------|----------------------|
| Street Address: | 480 West Bonner Road |
| City: | Wauconda |
| State/Country: | ILLINOIS |
| Postal Code: | 60084 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13949774 |

CORRESPONDENCE DATA

Fax Number: 847-658-10

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 847-658-5140

Email: mperrone@perronepatents.com
Correspondent Name: MATHEW R. P. PERRONE, JR.
Address Line 1: 210 SOUTH MAIN STREET

Address Line 4: ALGONGUIN, ILLINOIS 60102-2639

| ATTORNEY DOCKET NUMBER: | Y13.0030 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | Mathew R. P. Perrone, Jr. | |
| Signature: | /Mathew R. P. Perrone, Jr./ | |
| Date: | 07/24/2013 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

PATENT

REEL: 030868 FRAME: 0399

Total Attachments: 5

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PATENT REEL: 030868 FRAME: 0400

| RECORDATION FORM COVER SHEET | | |
|--|--|--|
| PATENTS ONLY | | |
| | e record the attached documents or the new address(es) below. | |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) | |
| | Name: Du-Bro Products, Inc. | |
| James E. Broberg | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes No | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 480 West Bonner Rd. | |
| Execution Date(s) | | |
| Assignment Merger | City: Wauconda | |
| Security Agreement Change of Name | City. | |
| Joint Research Agreement | State: IL | |
| Government Interest Assignment | Country: US Zip: 60084 | |
| Executive Order 9424, Confirmatory License | Zip | |
| Other | Additional name(s) & address(es) attached? Yes 🔳 No | |
| 4. Application or patent number(s): | document serves as an Oath/Declaration (37 CFR 1.63). | |
| A. Patent Application No.(s) | B. Patent No.(s) | |
| | | |
| | | |
| A delitional acceptance of | ashada Tiyas Tila | |
| Additional numbers att | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| Name: Mathew R. P. Perrone, Jr. | | |
| | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 | |
| Internal Address: | | |
| 0400 14 : 04 | Authorized to be charged to deposit account | |
| Street Address: 210 S. Main St. | Enclosed | |
| | None required (government interest not affecting title) | |
| City: Algonquin | 8. Payment Information | |
| State: ILZip: 60084 | | |
| Phone Number: 847-658-5140 | 16 1275 | |
| Docket Number: Y13.0030 | Deposit Account Number 16-1375 | |
| Email Address: mperrone@perronepatents.com | Authorized User Name Mathew R. P. Perrone, Jr. | |
| 9. Signature: | JUL 2 4 2013 | |
| Signature | Date | |
| Mathew R. P. Perrone, Jr. | Total number of pages including cover sheet, attachments, and documents: | |
| Name of Person Signing Documents to be recorded (including cover shee | t) should be faxed to (571) 273-0140, or mailed to: | |
| | f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 | |

PATENT REEL: 030868 FRAME: 0401

| RECORDATION FORM COVER SHEET | | |
|---|---|--|
| PATENTS ONLY | | |
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. | | |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) Name: Du-Bro Products, Inc. | |
| James E. Broberg | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? Yes | | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s) | Street Address: 480 West Bonner Rd. | |
| Assignment | City: Wauconda | |
| Joint Research Agreement | State: IL | |
| Government Interest Assignment Executive Order 9424, Confirmatory License | Country: US Zip: 60084 | |
| Other | Additional name(s) & address(es) attached? Yes No | |
| 4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at | document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) ached? Yes No | |
| 5. Name and address to whom correspondence | | |
| concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| Name: Mathew R. P. Perrone, Jr. | 7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{} | |
| Internal Address: | | |
| 240 C. Main Ct | Authorized to be charged to deposit account | |
| Street Address: 210 S. Main St. | Enclosed None required (government interest not affecting title) | |
| City: Algonquin | 8. Payment Information | |
| State: IL Zip: 60084 | | |
| Phone Number: 847-658-5140 | Domasit Assault Number 16-1375 | |
| Docket Number: Y13.0030 | Deposit Account Number 16-1375 | |
| Email Address: mperrone@perronepatents.com | Authorized User Name Mathew R. P. Perrone, Jr. | |
| 9. Signature: | JUL 2 4 2013 | |
| Mathew R. P. Perrone, Jr. | Total number of pages including cover sheet, attachments, and documents: | |
| , | t) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 | |

PATENT REEL: 030868 FRAME: 0402

Assignment of Rights in Invention

Docket Number

(Sole Inventor; Single Assignee; Without Witness or Notarization)

¥13.0030

| Application Number (if known) | Filing Date (if known) |
|-------------------------------|--|
| new application | |
| Inventor | Residence of Inventor |
| James E. Broberg | 2819 Oak Ridge Rd. Crystal Lake, II. 60014 |
| Assignee | Residence of Principal Place of Business of Assignee |
| Du-Bro Products, Inc. | 480 West Bonner Rd. Wauconds, 11. 69084 |

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in: ARROW VANE

(hereinafter referred to as "Invention") for which I am making application for Letters Patent in the United States of America:

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of dollars (\$ 10.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights. Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

Page 1 of 2

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Assignment of Rights in Invention

Docket Number

(Sole Inventor; Single Assignee; Without Witness or Notarization)

V13.0030

| Application Number (if known) | Filing Date (if known) | | |
|-------------------------------|--|--|--|
| new application | | | |
| Inventor | Residence of Inventor | | |
| James E. Broberg | 2819 Oak Ridge Rd. Crystal Lake, IL 60014 | | |
| Assignee | Residence of Principal Place of Business of Assignee | | |
| Du-Bro Products, Inc. | 480 West Bonner Rd. Wanconda, II. 60084 | | |

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-In-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

| Executed this | Ĭ | 9+1€ | day of | Ju | ly |
|---------------|---|------|--------|----|----|
|---------------|---|------|--------|----|----|

, in the year 2013

at Algonquin, IL.

(Signature of Inventor)

Page 2 of 2

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PTO/S8/96 (67-09)
Approved for use through 07/31/2012. OM9 0651-0031
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| STATEMENT UNDER 37 CFR 3.73(b) | | |
|---|---|--|
| Applicant/Patent Owner James E. Broberg | | |
| Application No./Patent No.:new application | Filed/Issue Date new application | |
| Titled: ARROW VANE | | |
| Du-Bro Products, Inc | Corporation of Illinois (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) | |
| states that it is: 1. 1. 1. 1. 1. 1. 1. 1. | | |
| 2 an assignee of less than the entire right, title and int (The extent (by percentage) of its ownership interes | | |
| 3. the assignee of an undivided interest in the entirety | of (a complete assignment from one of the joint inventors was made) | |
| the patent application/patent identified above by virtue of eli | ther. | |
| A. | | |
| | 4 | |
| From: The document was recorded in the United St | To | |
| | , or for which a copy thereof is attached. | |
| 2. From | To: | |
| The document was recorded in the United St | tates Patent and Trademark Office at, or for which a copy thereof is attached. | |
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| Reel, Frame | , or for which a copy thereof is attached. | |
| Additional documents in the chain of title are listed on a supplemental sheet(s). | | |
| As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. | | |
| [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08] | | |
| The undersigned remose title is supplied below) is authorized to act on behalf of the assignee. | | |
| Signature | Date / | |
| James E. Broberg | President and Officer of the Company | |
| Printed or Typed Name | Title | |

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form address upgestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

if you need assistance in completing the form, call 1-800-PTO-9199 and select option 2 $\,$

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RECORDED: 07/24/2013