

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3081919

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DONALD B. SHUPING | 08/05/2014 |
| RECEIVING PARTY DATA | |
| Name: | INDUSTRIAL MICROWAVE SYSTEMS, L.L.C. |
| Street Address: | 200 LAITRAM LANE |
| City: | HARAHAN |
| State/Country: | LOUISIANA |
| Postal Code: | 70123 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14453820 |
| CORRESPONDENCE DATA | |
| Fax Number: | (504)734-5233 |
| <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> | |
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| Correspondent Name: | DONNA WALKER |
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| Address Line 2: | LEGAL DEPT. |
| Address Line 4: | HARAHAN+, LOUISIANA 70123 |
| ATTORNEY DOCKET NUMBER: | 2629A |
| NAME OF SUBMITTER: | DONNA WALKER |
| SIGNATURE: | /Donna Walker/ |
| DATE SIGNED: | 10/27/2014 |
| Total Attachments: 2 | |
| source=assignment_Shuping_exec#page1.tif | |
| source=assignment_Shuping_exec#page2.tif | |

ASSIGNMENT

1. I, Donald B. Shuping, of 386 Old Siler City Road, Pittsboro, North Carolina 27312, U.S.A. have made a certain new and useful invention relating to

TUBULAR CHOKED WAVEGUIDE APPLICATOR

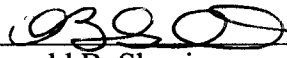
for which I have executed a U.S. provisional patent application or a U.S. utility patent application. The application is identified in the United States Patent and Trademark Office as Serial No. _____, filing date _____.

2. INDUSTRIAL MICROWAVE SYSTEMS, L.L.C. of 200 Laitram Lane, Harahan, Louisiana 70123, U.S.A., the Assignee, wants to acquire the entire interest in the invention, the patent application, and any U.S. and foreign patents that issue.
3. For and in consideration of good and valuable consideration paid to me:
 - a. I assign to the Assignee my entire interest worldwide in the invention, the patent application, the patent that may issue from the patent application, and any and all divisions, continuations, continuations-in-part, reexaminations, reissues, or extensions of the patent application or patent and any prior patent applications on the invention whose priority the patent application claims, as well as all rights of priority resulting from the filing of the application.
 - b. I authorize and request the Commissioner of Patents and Trademarks to issue the patent to the Assignee in agreement with the terms of this assignment.
 - c. I authorize the Assignee and its agents to insert in this instrument the execution date or the filing date and serial number of my patent application if it is not known as of the date of execution of this document.
 - d. I convey to the Assignee the right to apply in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention for the Protection of Industrial Property (the Paris Convention), the Patent Cooperation Treaty, and any other international arrangements for any foreign patent application, the date of the United States application (or other patent applications, if there be any) in priority to other patent applications.
 - e. I agree with the Assignee that I will not execute any writing or do any act that conflicts with this assignment, and that I will, upon request and without additional consideration, but at the expense of the Assignee, execute any additional assignments and other writings and do any additional acts that the Assignee may consider necessary or desirable to perfect the Assignee's enjoyment of this grant, and will give all necessary assistance in applying for and obtaining original, divisional, renewal, reissued, reexamined, or extended patents of the United States and of any and all foreign countries for the invention, in enforcing any rights accruing from the patent

applications or patents by executing preliminary statements and other affidavits and declarations.

- f. I acknowledge that this agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

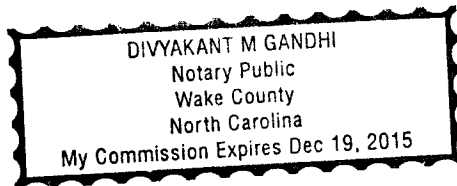
Date: 8/5/2014(8/5/2014).

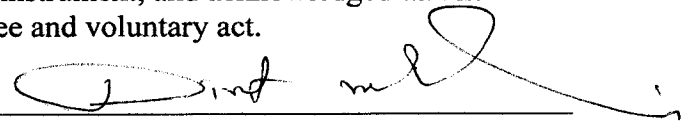

Donald B. Shuping

State of North Carolina

County of WAKE

On this 05th day of August, 2014, before me, a notary public, appeared DONALD BARKER SHUPING, who is personally known to me to be the same person whose name is subscribed to in this instrument, and acknowledged that he signed, sealed, and delivered the instrument as his free and voluntary act.




Notary Public
Printed Name: DIVYAKANT M. GANDHI

My commission expires: DEC. 19th 2015.