

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT5261287

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL D CARROLL	11/30/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALF BARREL SOLUTIONS, LLC
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<b>City:</b>	WEST HARTFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06107
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15844565
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	HBS-P0002
<b>NAME OF SUBMITTER:</b>	EDMUND P. ANDERSON
<b>SIGNATURE:</b>	/Edmund P. Anderson/
<b>DATE SIGNED:</b>	11/30/2018
<b>Total Attachments: 2</b>	
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**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))  
For Application with Filing Date on or after September 16, 2012**

**WORLDWIDE ASSIGNMENT**

**Insert** (1) Michael D. Carroll (2) \_\_\_\_\_  
**(1-8) Legal Name(s)** (3) \_\_\_\_\_ (4) \_\_\_\_\_  
**of Inventor(s)** (5) \_\_\_\_\_ (6) \_\_\_\_\_  
(7) \_\_\_\_\_ (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

**(9) Insert Name of Assignee** (9) Half Barrel Solutions, LLC  
**(10) Insert Address of Assignee** (10) 20 Fernbel Lane, West Hartford, CT 06107

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries in the invention, and in all applications for patent or similar rights on the invention, including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the United States and in all other countries on the invention, known as

**(11) Insert Identification such as Title, Case Number, or Foreign Application Number** (11) KEG MANAGEMENT SYSTEM FOR WALK-IN REFRIGERATORS  
(Attorney Docket No. HBS-P0002 ), filed on even date herewith or as

**(12) Alternative Identification for filed applications** (12) U.S. Application Number 15/844,565  
filed December 17, 2017

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a grant to the Assignee in the United States and any other country in which the Assignee may file an application for patent or other grant.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents or other grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **NORTH STAR IP LAW PLLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

**(13) Declaration**

As an above-named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date November 30, 2018 Inventor Signature /Michael D. Carroll/ (SEAL)