

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5998097

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the APPLICANT NAME FROM "ATLANTIC CORPORATION" previously recorded on Reel 026596 Frame 0988. Assignor(s) hereby confirms the CORRECT APPLICANT NAME IS "ATLANTIC CORPORATION OF WILMINGTON, INC."

**CONVEYING PARTY DATA**

Name	Execution Date
RUSSELL M. CARTER	01/28/2020
BRUCE E. LAUGHTER	01/29/2020
ROBERT J. WALKER	01/24/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	ATLANTIC CORPORATION OF WILMINGTON, INC.
<b>Street Address:</b>	806 N. 23RD STREET
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28405

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	8001745

**CORRESPONDENCE DATA****Fax Number:**

*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:** 9195366214  
**Email:** michele.capozzi@btlaw.com  
**Correspondent Name:** MICHELE CAPOZZI  
**Address Line 1:** 4819 EMPEROR BOULEVARD  
**Address Line 4:** DURHAM, NORTH CAROLINA 27703

<b>ATTORNEY DOCKET NUMBER:</b>	81997-309203
<b>NAME OF SUBMITTER:</b>	MARK D. JENKINS
<b>SIGNATURE:</b>	/Mark D. Jenkins/
<b>DATE SIGNED:</b>	03/05/2020

**Total Attachments: 10**

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JENKINS WILSON TAYLOR

No. 7378 P. 1

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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)

Russell M. Carter  
Bruce E. Laughter  
Robert J. Walker

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Atlantic Corporation

Internal Address: \_\_\_\_\_

Street Address: 806 North 23<sup>rd</sup> Street

City: Wilmington

State: North Carolina

Country: \_\_\_\_\_ Zip: 28405

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 7/14/2011; 7/14/2011; 7/14/2011

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s) 12/475,147

This document is being filed together with a new application.

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Jeffrey L. Wilson

Jenkins, Wilson, Taylor & Hunt, P.A.

Internal Address: \_\_\_\_\_

Street Address: Suite 1200, University Tower

3100 Tower Boulevard

City: Durham

State: NC Zip: 27707

Phone Number: 919-493-8000

Fax Number: 919-419-0383

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0426

Authorized User Name JENKINS, WILSON, TAYLOR & HUNT, P.A.

ATTY DOCKET NO.: 1683/2/2

9. Signature:  Signature

July 14, 2011  
Date

Jeffrey L. Wilson  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

CH \$40.00 500426 12475147

**AMENDED AND RESTATED ASSIGNMENT****(Corrective Assignment)**

WHEREAS, I/we, Russell M. Carter, Bruce E. Laughter, and Robert J. Walker have made certain new and useful inventions and improvements in:

**SYSTEMS FOR MONITORING AND CONTROLLING USAGE OF MATERIALS**

set forth in:

- (1)  United States provisional patent application  
(a)  bearing Application No. \_\_\_\_\_ filed on \_\_\_\_; or  
(b)  to be filed herewith;
- (2)  United States Patent  
(a)  filed herewith; or  
(b)  bearing Patent No. 8,001,745, issued on August 23, 2011 and
- (3)  International Patent Application No. \_\_\_\_\_, designating the United States and filed on \_\_\_\_\_;

AND WHEREAS, Atlantic Corporation of Wilmington, Inc., having an office and place of business at 806 N. 23<sup>rd</sup> Street, Wilmington, NC 28405 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent noted above;

AND WHEREAS, the present Amended and Restated Assignment seeks to supersede, amend and restate the duly executed assignment recorded at reel/frame 026596/0988 within the United States Patent and Trademark Office on July 14, 2011;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, set over, and transferred, and by these presents do sell, assign, set over and transfer unto said Assignee, its successors or assigns, the entire right, title and interest in and to said inventions and improvements and all Letters Patent which may be granted therefrom, and all reissues, reexaminations, or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally

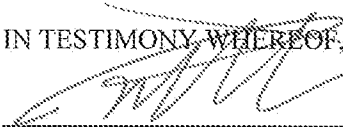
do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

AND, I/we hereby authorize and request the attorneys of Barnes & Thornburg LLP to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application(s) when known.

IN WITNESS WHEREOF, I/we declare and acknowledge the foregoing by executing our signatures below:

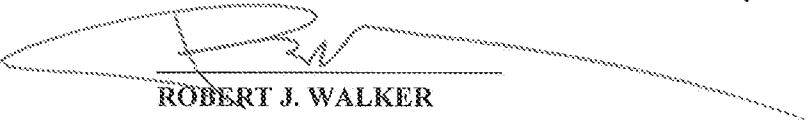
IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of January, 2020.

  
\_\_\_\_\_  
**RUSSELL M. CARTER**

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
**BRUCE E. LAUGHTER**

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24<sup>th</sup> day of January, 2020.

  
\_\_\_\_\_  
**ROBERT J. WALKER**

do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

AND, I/we hereby authorize and request the attorneys of Barnes & Thornburg LLP to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application(s) when known.

IN WITNESS WHEREOF, I/we declare and acknowledge the foregoing by executing our signatures below:

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
RUSSELL M. CARTER

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of January, 2020.

  
BRUCE E. LAUGHTER

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
ROBERT J. WALKER

PATENT

Atty Docket: 1683/2/2

ASSIGNMENT

WHEREAS, we, Russell M. Carter, of Wilmington, North Carolina, Bruce E. Laughter, of Monroe, North Carolina, and Robert J. Walker, of Leland, North Carolina, hereinafter ("Assignors"), have invented certain new and useful improvements in SYSTEMS FOR MONITORING AND CONTROLLING USAGE OF MATERIALS for which application for a U.S. Patent was made on May 28, 2009 as U.S. Provisional Patent Application Serial No. 61/057,059 and subsequently filed as U.S. Utility Patent Application Serial No. 12/475,147 on May 29, 2009.

AND, WHEREAS, Atlantic Corporation, a corporation duly organized and existing under the laws of North Carolina, having its principal office and place of business at 806 North 23<sup>rd</sup> Street, Wilmington, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the invention and application, and in and to any and all United States patent applications filed pursuant to 35 U.S.C. § 111(a) pertaining to said invention and/or which claim priority to the United States provisional patent application referenced above, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignors, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

**PATENT**

**REEL: 052096 FRAME: 0023**


Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise binds their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 14th day of July 2011.

  
\_\_\_\_\_  
Russell M. Carter

Witnessed by:

  
\_\_\_\_\_  
Name Date  
7/14/2011

  
\_\_\_\_\_  
Name Date  
7/14/2011

\*\*\*\*\*



Executed this 14<sup>th</sup> day of July 2011.

*Bruce Laughter*

Bruce E. Laughter

Witnessed by:

*W. P. Potts* 7/14/2011  
Name Date

*Jimmy Byrd* 7/14/2011  
Name Date

\*\*\*\*\*

Executed this 14<sup>th</sup> day of July 2011.

*Robert J. Walker*

Robert J. Walker

Witnessed by:

*W. P. Potts* 7/14/2011  
Name Date

*Jimmy Byrd* 7/14/2011  
Name Date

\*\*\*\*\*