PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robby James Howerton	06/18/2010
Gina Marie Stewart	06/18/2010
Steven Lee Worm	06/17/2010
Michael Alan Batalia	06/22/2010

RECEIVING PARTY DATA

Name:	Arctic, Inc.
Street Address:	4140 Clemmons Road
Internal Address:	Suite 120
City:	Clemmons
State/Country:	NORTH CAROLINA
Postal Code:	27012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12814181

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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

(919) 854-1400 Phone:

Email: cwimberly@myersbigel.com

MYERS BIGEL SIBLEY & SAJOVEC, P.A. Correspondent Name:

Address Line 1: P.O. BOX 37428

Address Line 4: RALEIGH, NORTH CAROLINA 27627

ATTORNEY DOCKET NUMBER:	9843-2IP
NAME OF SUBMITTER:	Claire Wimberly

REEL: 024615 FRAME: 0907

PATENT 501220049

Total Attachments: 10 source=9843-2IP Assignment#page1.tif source=9843-2IP Assignment#page2.tif source=9843-2IP Assignment#page3.tif source=9843-2IP Assignment#page4.tif source=9843-2IP Assignment#page5.tif source=9843-2IP Assignment#page6.tif source=9843-2IP Assignment#page7.tif source=9843-2IP Assignment#page8.tif source=9843-2IP Assignment#page9.tif source=9843-2IP Assignment#page9.tif source=9843-2IP Assignment#page10.tif

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Robby James Howerton**, a citizen of the United States of America, residing at 1056 Keswick Lane, Clemmons, North Carolina 27012; **Gina Marie Stewart**, a citizen of the United States of America, residing at 3544 Burnley Drive, Clemmons, North Carolina 27012; **Steven Lee Worm**, a citizen of the United States of America, residing at 4706 Saint Thomas Place, Raleigh, North Carolina 27612; and **Michael Alan Batalia**, a citizen of the United States of America, residing at 3544 Burnley Drive, Clemmons, North Carolina 27012;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **VEGETATION TREATMENT** for which U.S. Provisional Patent Application No. 61/079,513 was filed on July 10, 2008;
U.S. Patent Application No. 12/499,841 was filed on July 9, 2009; and U.S. Patent Application No. 12/814,181 was filed on June 11, 2010 in the United States Patent and Trademark Office; and

WHEREAS, Arctic, Inc., a Delaware C corporation, having its principal place of business at 4140 Clemmons Road, Suite 120, Clemmons, North Carolina 27012, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to the invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the 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 assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

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

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us 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, or 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15 day of
June , 2016.
Robby James Howerton (SEAL)
STATE OF NC
county of Forsyll)
Before me personally appeared the person described in and who executed the foregoing instrument,
and he acknowledged to me that he executed the same for the purposes therein stated, this day of
<u>June</u> , 201 <u>0</u>
Michelle Mize Notary Public
SEAL 5 22 3
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Page 2 of 5

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this
June, 2010
Gina Marie Stewart (SEAL)
STATE OF NC) COUNTY OF FOCSYLL)
Before me personally appeared the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this $\frac{18}{200}$ day of $\frac{1}{200}$, $\frac{1}{200}$
Notary Public Nize
SEAL My Commission Expires: 5 22 13
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IN WITNESS W , 201_		into set my hand and seal on this day of)Î
, 201_	Steven Lee Wor	rm (SEAL)	
STATE OF)		
COUNTY OF)		
Before me person	nally appeared the perso	on described in and who executed the foregoin	g instrument
and he acknowledged to	me that he executed the	e same for the purposes therein stated, this	day of
, 20	01		
		Notary Public	
SEAL Services Francisco			
My Commission Expires	•		

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22nd day of
June, 2010.
Michael Alan Batalia (SEAL)
STATE OF Norshytharoline) COUNTY OF Forsy H)
COUNTY OF Forsy H)
Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 27 day of
June , 2010.
Mullahous Rec Notary Public
SEAL Notary Public
My Commission Expires: HZD 2015
OFFICIAL SEAL MARTHA WARREN POE Motary Public - Mouth Carolina Notary Public - Mouth Carolina DAVIDSON COUNTY My Commission Expires My Commission Expires

ASSIGNMENT

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NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the 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 assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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Page 1 of 5

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We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us 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, or 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHI	EREOF, I have hereunto set my hand and seal on this day of	Î
, 201		
-	Robby James Howerton (SEAL)	
STATE OF		
COUNTY OF)	
Before me personal	ly appeared the person described in and who executed the foregoing	g instrument,
and he acknowledged to me	e that he executed the same for the purposes therein stated, this	day of
, 201_	<u>.</u>	
CEAL	Notary Public	
SEAL My Commission Expires:		

Page 2 of 5

ATTORNEY DOCKET NO. 9843-2IP APPLICATION SERIAL NO. 12/814,181

, 201	-·	ereunto set my	nana ana sear on	.msday of	
	Gina Marie	Stewart	(SEAL)		
STATE OF)				
and she acknowledged to	nally appeared the position me that she executed.	,			
SEAL My Commission Expire	_	Not	ary Public		

$\sqrt{\text{cre}}$, 2010.
Steven Lee Worm (SEAL)
STATE OF North Carolina) COUNTY OF Wake)
COUNTY OF Wake)
Before me personally appeared the person described in and who executed the foregoing instrumen
and he acknowledged to me that he executed the same for the purposes therein stated, this day of
June , 2010.
Notary Public
Notary Public
SEAL
My Commission Expires:
NAME OF THE PROPERTY OF THE PR

KATHLEEN N WORM NOTARY PUBLIC WAKE COUNTY, NC My Commission Expires 4-1-2014

ATTORNEY DOCKET NO. 9843-2IP APPLICATION SERIAL NO. 12/814,181

IN WITNESS W.	HEREOF, I nave nereu	into set my nand and seal on this day of)I
, 201_	•		•
		(SEAL)	
	Michael Alan B		
	<u>,</u>		
COUNTY OF			
COUNTY OF			
-		on described in and who executed the foregoin	_
•		e same for the purposes therein stated, this	day or
, 20	1		
	Per Charles and American		
SEAL		Notary Public	
My Commission Expires	•		

Page 5 of 5