#### 503606310 12/10/2015

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3652941

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALLIED AIR ENTERPRISES INC.	12/19/2011

#### **RECEIVING PARTY DATA**

Name:	ALLIED AIR ENTERPRISES LLC
Street Address:	215 METROPOLITAN DR.
City:	WEST COLUMBIA
State/Country:	SOUTH CAROLINA
Postal Code:	29170

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14186759

#### **CORRESPONDENCE DATA**

**Fax Number:** (214)740-1499

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:** (214) 740-1438

Email: maryjok@bellnunnally.com

Correspondent Name: CRAIG J. COX

Address Line 1: 3232 MCKINNEY AVENUE, SUITE 1400

Address Line 2: BELL NUNNALLY & MARTIN LLP

Address Line 4: DALLAS, TEXAS 75204

ATTORNEY DOCKET NUMBER:	P130046 (1718.184)
NAME OF SUBMITTER:	CRAIG J. COX
SIGNATURE:	/Craig J. Cox/
DATE SIGNED:	12/10/2015

#### **Total Attachments: 5**

source=Assignment to Allied Air Enterprises LLC - 1718-184#page1.tif source=Assignment to Allied Air Enterprises LLC - 1718-184#page2.tif source=Assignment to Allied Air Enterprises LLC - 1718-184#page3.tif source=Assignment to Allied Air Enterprises LLC - 1718-184#page4.tif source=Assignment to Allied Air Enterprises LLC - 1718-184#page5.tif

PATENT 6310 REEL: 037263 FRAME: 0406

503606310

RECORDATION FORM COVER SHEET  PATENTS ONLY		
	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	Name and address of receiving party(ies)     Name: Allied Air Enterprises LLC	
Allied Air Enterprises Inc.	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 12/19/2011	Street Address: 215 Metropolitan Dr.	
Assignment Merger  Security Agreement Change of Name	City: West Columbia	
Joint Research Agreement	State: SC	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 29170	
Other	Additional name(s) & address(es) attached? Yes No	
A. Patent Application No.(s) 14186759	document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)	
Additional numbers at		
5. Name and address to whom correspondence	6. Total number of applications and patents involved:	
	6. Total number of applications and patents involved:	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:   7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox	6. Total number of applications and patents involved:	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$0  Authorized to be charged to deposit account  Enclosed	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400  City: Dallas	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$0  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$0  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400  City: Dallas  State: TX Zip: 75204  Phone Number: (214) 740-1438  Docket Number:	6. Total number of applications and patents involved:   7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400  City: Dallas  State: TX Zip: 75204  Phone Number: (214) 740-1438	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$0  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information	
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5. Name and address to whom correspondence concerning document should be mailed:  Name: Craig J. Cox  Internal Address: Bell Nunnally & Martin LLP  Street Address: 3232 McKinney Avenue, Suite 1400  City: Dallas  State: TX Zip: 75204  Phone Number: (214) 740-1438  Docket Number: Email Address: craigc@bellnunnally.com  9. Signature:	6. Total number of applications and patents involved:   7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0	

PATENT REEL: 037263 FRAME: 0407 Delaware

PAGE 1

## The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND

CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE

CORPORATION UNDER THE NAME OF "ALLIED AIR ENTERPRISES INC." TO A

DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM

"ALLIED AIR ENTERPRISES INC." TO "ALLIED AIR ENTERPRISES LLC",

FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D.

2011, AT 10:41 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF
THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTY-FIRST DAY
OF DECEMBER, A.D. 2011, AT 11:59 O'CLOCK P.M.

3188260 8100V

111313469

Jeffrey W. Bullock, Secretary of State

AUTHENT\( CATION: 9246992 \)

DATE: 12-21-11

PATENT REEL: 037263 FRAME: 0408

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 10:41 AM 12/20/2011 FILED 10:41 AM 12/20/2011 SRV 111313469 - 3188260 FILE

# STATE OF DELAWARE CERTIFICATE OF CONVERSION FROM A CORPORATION TO A LIMITED LIABILITY COMPANY PURSUANT TO SECTION 18-214 OF THE LIMITED LIABILITY ACT

1.)	The jurisdiction where the Corporation first formed is
2.)	The jurisdiction immediately prior to filing this Certificate is Delaware
3.)	The date the corporation first formed is March 6, 2000
4.)	The name of the Corporation immediately prior to filing this Certificate is Allied Air Enterprises Inc.
5.)	The name of the Limited Liability Company as set forth in the Certificate of Formation is Allied Air Enterprises LLC
6.)	The effective date and time of the Conversion is December 31, 2011 11:59 p.m., Eastern Daylight Savings Time (the "Effective Date").
IN 1	WITNESS WHEREOF, the undersigned have executed this Certificate on the 9th day of December, A.D. 2011  By:
	Name: Robert L. Villasenor  Print or Type

PATENT REEL: 037263 FRAME: 0409 Delaware

### The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "ALLIED AIR ENTERPRISES LLC" FILED IN THIS OFFICE ON THE TWENTIETH DAY OF DECEMBER, A.D. 2011, AT 10:41 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:59 O'CLOCK P.M.

3188260 8100V

111313469

DATE: 12-21-11

AUTHENT\[CATION: 9246992

**PATENT REEL: 037263 FRAME: 0410** 

Jeffrey W. Bullock, Secretary of State

You may verify this certificate online at corp.delaware.gov/authver.shtml

State of Delaware Secretary of State Division of Corporations Delivered 10:41 AM 12/20/2011 FILED 10:41 AM 12/20/2011 SRV 111313469 - 3188260 FILE

# STATE of DELAWARE LIMITED LIABILITY COMPANY CERTIFICATE of FORMATION OF ALLIED AIR ENTERPRISES LLC

The undersigned, being authorized to execute and file this Certificate of Formation, hereby certifies that:

FIRST: The name of the limited liability company (hereinafter referred to as the "Company") is "Allied Air Enterprises LLC."

SECOND: The address of its registered office in the State of Delaware is 2711 Centerville Road, Suite 400, Wilmington, DE 19808. The name of the Company's Registered Agent at that address is Corporation Service Company.

THIRD: [Not used.]

FOURTH: The effective date and time of this Certificate of Formation is December 31, 2011, 11:59 p.m., Eastern Daylight Savings Time (the "Effective Date").

IN WITNESS WHEREOF, the undersigned has duly executed this Certificate of Formation as of the 19th day of December 2011.

Name: Robert L. Villasenor Title: Assistant Secretary

> PATENT REEL: 037263 FRAME: 0411

**RECORDED: 12/10/2015**