

Form PTO-1595 (Rev. 06-12)  
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U.S. DEPARTMENT OF COMMERCE  
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### 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)**  
PHILIP C. CARBONE,  
KAREN BENEDEK and  
PETER J. LOFTUS

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

**2. Name and address of receiving party(ies)**  
Name: PRIMAIRA, LLC

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

Street Address: 30 COMMERCE WAY

SUITE 300A

City: WOBURN

State: MASSACHUSETTS

Country: US Zip: 01801

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

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

Execution Date(s) 09 MARCH 2016

- 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):**  This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

15/065,446

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Mark D. Swanson

Internal Address: Pauley Erickson & Kottis

Street Address: 2800 West Higgins Road  
Suite 365

City: Hoffman Estates

State: Illinois Zip: 60169

Phone Number: (847) 490-1400

Docket Number: PL-103

Email Address: pto@ppelaw.com

**6. Total number of applications and patents involved:** ONE (1)

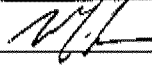
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

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

**8. Payment Information**

Deposit Account Number 19-3550

Authorized User Name Pauley Erickson & Kottis

**9. Signature:**   
Signature

10 March 2016  
Date

Mark D. Swanson  
Name of Person Signing

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

**3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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### ASSIGNMENT

WHEREAS, We the following inventors

1. Name: Philip C. CARBONE  
Residence: North Reading, Massachusetts  
Post Office Address: 6 Adrian Drive  
North Reading, Massachusetts 01864
2. Name: Karen BENEDEK  
Residence: Winchester, Massachusetts  
Post Office Address: 37 Emerson Road  
Winchester, Massachusetts 01890
3. Name: Peter J. LOFTUS  
Residence: Cambridge, Massachusetts  
Post Office Address: 29 Roberts Road  
Cambridge, Massachusetts 02138

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

#### AIR CLEANING APPARATUS AND METHOD FOR CONTAINER

which is described and claimed in an application for Letters Patent of the United States executed by ASSIGNORS on even date herewith, and naming as inventors Philip C. CARBONE, Karen BENEDEK and Peter J. LOFTUS; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, Primaira, LLC, a Domestic Limited Liability Company duly organized and existing under and by virtue of the laws of the State of Massachusetts and having its principal office and place of business at 30 Commerce Way, Suite 300A, Woburn, Massachusetts 01801, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues,

PL-103

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/mem

ASSIGNMENT

continuations, extensions and reexaminations thereof, and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

3/9/2016  
Date

  
Philip C. CARBONE

3/9/2016  
Date

  
Karen BENEDEK

3/9/16  
Date

P. J. LOPTUS  
Peter J. LOPTUS