

Form PTO-1595 (Rev. 6-12)
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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)

Philip C. CARBONE, Karen BENEDEK,
Peter J. LOFTUS, David HENSEL,
Anna CHELMETS, James POON,
Elizabeth GILLIS, Warren James ELLIS and
Charles MARBLE

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

2. Name and address of receiving party(ies)

Name: BLUEZONE IP HOLDING 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): 16 MARCH 2017

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Correction to Name of Receiving Party at Reel: 041648 Frame: 0001

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

15/461,432

Additional numbers attached? Yes No

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

Name: DOUGLAS H. PAULEY

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: BIIL-1003

Email Address: pto@pauleyip.com

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

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

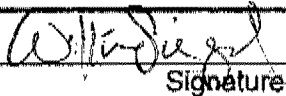
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-3550

Authorized User Name Pauley Erickson & Kottis

9. Signature:


Signature

27 Oct 2017
Date

William R. Siegel
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 13

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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CH \$40.00 15461432

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4327064

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|---|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| PHILIP C. CARBONE | 03/16/2017 |
| KAREN BENEDEK | 03/16/2017 |
| PETER J. LOFTUS | 03/16/2017 |
| DAVID HENSEL | 03/16/2017 |
| ANNA CHEIMETS | 03/16/2017 |
| JAMES POON | 03/16/2017 |
| ELIZABETH GILLIS | 03/16/2017 |
| WARREN JAMES ELLIS | 03/16/2017 |
| CHARLES MARBLE | 03/16/2017 |
| RECEIVING PARTY DATA | |
| Name: | BLUEZONE IP HOLDINGS, LLC |
| Street Address: | 30 COMMERCE WAY |
| Internal Address: | SUITE 300A |
| City: | WOBURN |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01801 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15461432 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>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.</i> | |
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| Address Line 4: | BOSTON, MASSACHUSETTS 02111 |
| ATTORNEY DOCKET NUMBER: | 51895-502002US |

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|---|------------|
| NAME OF SUBMITTER: | PING HU |
| SIGNATURE: | /Ping Hu/ |
| DATE SIGNED: | 03/20/2017 |
| Total Attachments: 4 source=51895_502002US_Executed Assignment#page1.tif source=51895_502002US_Executed Assignment#page2.tif source=51895_502002US_Executed Assignment#page3.tif source=51895_502002US_Executed Assignment#page4.tif | |

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Philip C. Carbone; Karen Benedek; Peter J. Loftus; David Honsel; Anna Cheimets; James Poon; Elizabeth Gillis; Warren James Ellis; and Charles Marble (hereinafter referred to as Assignors), residing at 6 Adrian Drive, North Reading, Massachusetts 01864; 37 Emerson Road, Winchester, Massachusetts 01890; 29 Roberts Road, Cambridge, Massachusetts 02138; 149 Paris Street, Apt. 2, Boston, Massachusetts 02128; 31 Walnut Street, Apt. 9, Somerville, Massachusetts 02143; 1 Warren Avenue, Apt. 3, Woburn, Massachusetts 01801; 11 Hancock Street, Winchester, Massachusetts 01890; 68 Harold Street, Worcester, Massachusetts 01604; and 47 Yarmouth Avenue, Brockton, Massachusetts 02301, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **APPARATUS AND METHOD FOR TREATING IMPURITIES IN AIR AND MATERIALS**, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, ~~Bluezone IP Holdings, LLC~~ **Bluezone IP Holding LLC**, organized under and pursuant to the laws of Delaware having its principal place of business at 30 Commerce Way, Suite 300 A, Woburn, Massachusetts 01801 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial

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JP 10/25/17

Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.

All practitioners at Customer Number 30623

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: March 16, 2017

Signature: 
Philip C. Carbone

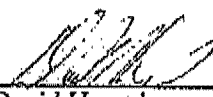
Date: March 16, 2017

Signature: 
Karen Benedek

Date: March 16, 2017

Signature: 
Peter J. Loftus

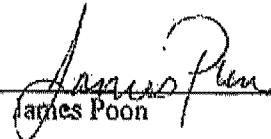
Date: March 16, 2017

Signature: 
David Hensel

Date: March 16, 2017

Signature: 
Anna Cheimets

Date: March 16, 2017

Signature: 
James Poon

Date: 3/14/2017

Signature: 
Elizabeth Gillis

Date: _____

Signature: 
Warren James Ellis

Date: _____

Signature: 
Charles Marble