

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Mark James Papania | 04/24/2012 |
| RECEIVING PARTY DATA | |
| Name: | Centers for Disease Control and Prevention (CDC) |
| Street Address: | 4770 Buford Highway |
| Internal Address: | Mail Stop K79 |
| City: | Atlanta |
| State/Country: | GEORGIA |
| Postal Code: | 30341 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12618387 |
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| ATTORNEY DOCKET NUMBER: | C1478.10010US02 |
| NAME OF SUBMITTER: | Jonathan M. Bennis |
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OP \$40.00 12618387

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No: C1478.10010US02

MASCHOFF GILMORE & ISRAELSEN
1441 W. Ute Blvd., Suite 100
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A S S I G N M E N T

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled **NEGATIVE PRESSURE, BI-DIRECTIONAL NASAL AEROSOL DELIVERY**. Preferred embodiments of said invention are disclosed in a United States patent application which:

- is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No _____, with a filing date of _____.
- was previously filed in the United States Patent and Trademark Office on November 13, 2009 as Application Serial No. 12/618,387.
- is a United States National Application of PCT International Application No. _____, filed _____.

(The attorneys of Maschoff Gilmore & Israelsen are hereby authorized to insert the serial number and filing date when known.)

The Assignee, Centers for Disease Control and Prevention (CDC), having a principal place of business at 4770 Buford Highway, Mail Stop K79, Atlanta Georgia 30341, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States, international, or foreign patent application and in all subsequent United States, international, or foreign utility or regular patent applications, patent cooperation treaty (PCT) applications, nationalization applications, divisions, continuations and continuations-in-part of said applications, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States and/or any other country.

The right to claim the benefit of any prior or subsequent related United States, international, or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, subsequent United States, international, or foreign utility or regular patent applications, patent cooperation treaty (PCT) applications, nationalization applications, divisions, continuations and continuations-in-part of said applications, or reissues, and other United States, international, or foreign applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

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|-------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|
| <u>Mark</u> <small>(GIVEN NAME)</small> | <u>James</u> <small>(MIDDLE INITIAL OR NAME)</small> | <u>Papania</u> <small>FAMILY (OR LAST NAME)</small> |
| Inventor's signature: <u>Mark Papania, D.D.</u> | | Date <u>4/24/</u> , 2012 |