

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI61297

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
PNEUMOFLEX SYSTEMS, LLC	02/21/2024
RECEIVING PARTY DATA	
Company Name:	ALLEN, DYER, DOPPELT + GILCHRIST, P.A.
Street Address:	1135 EAST STATE ROAD 434
Internal Address:	SUITE 3001
City:	WINTER SPRINGS
State/Country:	FLORIDA
Postal Code:	32708
PROPERTY NUMBERS Total: 26	
Property Type	Number
Patent Number:	7343915
Patent Number:	7712466
Patent Number:	7726306
Patent Number:	8109266
Patent Number:	8333190
Patent Number:	8573203
Patent Number:	8597183
Patent Number:	8597184
Patent Number:	8602987
Patent Number:	8652066
Patent Number:	8671934
Patent Number:	8690790
Patent Number:	8840550
Patent Number:	8845533
Patent Number:	8845534
Patent Number:	9005121
Patent Number:	9005122
Patent Number:	9005123
Patent Number:	9005124

Property Type	Number
Patent Number:	9011328
Patent Number:	9022027
Patent Number:	9028406
Patent Number:	9227029
Patent Number:	9452274
Patent Number:	9232917
Patent Number:	9452270

CORRESPONDENCE DATA
Fax Number: 4077965065
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: 4078412330
Email: creganoa@allendyer.com
Correspondent Name: CHRISTOPHER F. REGAN
Address Line 1: 1135 EAST STATE ROAD 434
Address Line 2: SUITE 3001
Address Line 4: WINTER SPRINGS, FLORIDA 32708

ATTORNEY DOCKET NUMBER:	32918
NAME OF SUBMITTER:	joellen murphy
SIGNATURE:	joellen murphy
DATE SIGNED:	02/29/2024

Total Attachments: 11
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EXHIBIT A
INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement, is entered into this 21st day of February, 2024 (the "IP Security Agreement") by and between Pneumoflex Systems LLC, a Florida limited liability company ("Pneumoflex") and Allen, Dyer, Doppelt + Gilchrist, P.A., a Florida corporation ("Allen Dyer") (collectively, the "Parties").

RECITALS

This IP Security Agreement is a supplement to the Forbearance Agreement, dated as of the date hereof, by and between the Parties. This IP Security Agreement is executed for the purpose of filing a short form security agreement in the United States Patent and Trademark Office (the "USPTO"), which sets forth Pneumoflex's pledge of its intellectual property as security for the indebtedness owed to Allen Dyer, as set forth in the Forbearance Agreement.

GRANT OF SECURITY INTEREST

Pneumoflex hereby grants to Allen Dyer a security interest in and lien on all of the intellectual property assets owned by Pneumoflex, including without limitation all patents (set forth in Exhibit 1 attached hereto and incorporated herein by reference), trademarks and copyrights, wherever located and whether now owned or hereafter acquired, all source code associated with such intellectual property, all goodwill of the business of Pneumoflex connected with the use of, or otherwise symbolized by, such intellectual property, all rights to sue for infringement of such intellectual property, and all parts, replacements, substitutions, profits, products, amendments, updates and cash and non-cash proceeds of any of the foregoing (including insurance proceeds, of any kind, including those payable by reason of loss or damage thereto) in any form and wherever located, and all written or electronically recorded books and records relating to any such assets and other rights relating thereto, wherever located and whether now owned or hereafter acquired (collectively the "IP Collateral").

REPRESENTATIONS. WARRANTIES. COVENANTS AND MISCELLANEOUS

All other terms, conditions, agreements, obligations, representations, warranties, covenants, definitions, exhibits and miscellaneous terms, conditions, agreements and obligations set forth in the Forbearance Agreement and related documents are restated and incorporated herein by reference.

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IN WITNESS WHEREOF, this Agreement was executed by the undersigned on the above-referenced date.

Pneumoflex Systems LLC

By: [Signature]

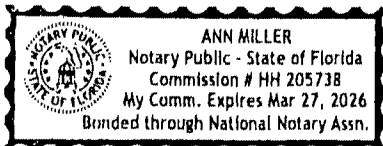
Title: CEO

STATE OF FLORIDA)
) SS.
COUNTY OF Brevard)

THE FOREGOING instrument was acknowledged, sworn to and subscribed before me this 21st day of February 2024, by Shant P Miller, MD. He/She is personally known to me or has produced _____ as identification.

[Signature]
Notary Public

NOTARY SEAL



Print Name: Ann Miller

Commission No.: HH 205738

My Commission Expires: March 27, 2026

IN WITNESS WHEREOF, this Agreement was executed by the undersigned on the above-referenced date.

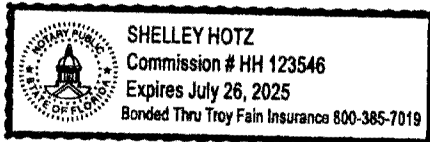
Allen, Dyer, Doppelt, + Gilchrist, P.A

By: *Christopher F. Ryan*

Title: Shareholder

STATE OF FLORIDA)
) SS.
COUNTY OF Orange)

THE FOREGOING instrument was acknowledged, sworn to and subscribed before me this 21st day of February 2024, by Christopher F. Ryan. He/She is personally known to me or has produced _____ as identification.



NOTARY SEAL

Shelley Hotz
Notary Public

Print Name: Shelley Hotz

Commission No.: # HH 123546

My Commission Expires: 7/26/2025

EXHIBIT 1

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Apparatus and Method for Self-induced Cough Cardiopulmonary Resuscitation</i>	10/483,697	1/13/04	7,343,915	3/18/08
<i>Intra-Oral Nebulizer</i>	11/431,689	5/10/06	7,712,466	5/11/10
<i>Intra-Oral Nebulizer with Rainfall Chamber</i>	11/557,993	11/9/06	7,726,306	6/1/10
<i>Nebulizer Having Flow Meter Function</i>	12/724,785	3/16/10	8,109,266	2/7/12
<i>Nebulizer Having Flow Meter Function</i>	12/985,685	1/6/11	8,333,190	12/18/12
<i>Nebulizer Having Flow Meter Function</i>	13/293,633	11/10/11	8,573,203	11/5/13
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool Using Involuntary Reflex Cough Test</i>	12/643,134	12/21/09	8,597,183	12/3/13
<i>Techniques for Evaluating Urinary Stress Incontinence and Use of Involuntary Reflex Cough as a Medical Diagnostic Tool</i>	12/878,257	9/9/10	8,597,184	12/3/13

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Techniques for Evaluating Stress Urinary Incontinence (SUI) Using Involuntary Reflex Cough Test</i>	12/643,251	12/21/09	8,602,987	12/10/13
<i>Involuntary Contraction-Induced Pressure as a Medical Diagnostic Tool</i>	11/608,316	12/8/06	8,652,066	2/18/14
<i>Nebulizer that is Activated by Negative Inspiratory Pressure</i>	13/353,611	1/19/12	8,671,934	3/18/14
<i>Techniques for Evaluating Urinary Stress Incontinence</i>	11/550,125	10/17/06	8,690,790	4/8/14
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool Using Involuntary Reflex Cough Test</i>	14/059,901	10/22/13	8,840,550	9/23/14
<i>Techniques for Evaluating Urinary Stress Incontinence and Use of Involuntary Reflex Cough as a Medical Diagnostic Tool</i>	14/059,487	10/22/13	8,845,533	9/30/14
	14/060,727	10/23/13	8,845,534	9/30/14

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Techniques for Evaluating Stress Urinary Incontinence (SUI) Using Involuntary Reflex Cough Test</i>				
<i>System and Method of Testing the Gastric Valve and Urethral Sphincter</i>	13/456,841	4/26/12	9,005,121	4/14/15
<i>Device with Passive Valve to Block Emesis and/or Reflux and Associated System and Method</i>	13/767,900	2/15/13	9,005,122	4/14/15
<i>Device with Active Valve to Block Emesis and Reflux Blockage Device and Associated System and Method</i>	13/767,922	2/15/13	9,005,123	4/14/15
<i>Device to Block Emesis and Reflux and Associated System and Method</i>	14/159,522	1/21/14	9,005,124	4/14/15
<i>Oral-Esophageal-Gastric Device with Esophageal Cuff to Reduce Gastric Reflux and/or Emesis</i>	12/878,281	9/9/10	9,011,328	4/21/15
<i>Nebulizer With Intra-Oral Vibrating Mesh</i>	13/875,348	5/2/13	9,022,027	5/5/15

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Oral-Esophageal-Gastric Device to Diagnose Reflux and/or Emesis</i>	12/878,316	9/9/10	9,028,406	5/12/15
<i>Nebulizer Having Horizontal Venturi</i>	14/044,242	10/2/13	9,227,029	1/5/16
<i>Metered Dose Atomizer</i>	14/166,903	1/29/14	9,452,274	9/27/16
<i>Urinary Catheter System for Diagnosing a Physiological Abnormality Such as Stress Urinary Incontinence</i>	14/715,653	5/19/15	9,232,917	1/12/16
<i>Nebulizer Having Replaceable Nozzle Assembly and Suction Line</i>	14/195,933	3/4/14	9,452,270	9/27/16
<i>Techniques for Evaluating Stress Urinary Incontinence (SUI) Using Involuntary Reflex Cough Test</i>	2009330118	6/15/11	AU2009330118	12/12/13
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool Using Involuntary Reflex Cough Test</i>	2009330121	6/15/11	AU2009330121	6/15/13
<i>Oral-Esophageal-Gastric Device with Esophageal</i>	2010340316	9/27/10	AU2010340316	3/20/14

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Cuff to Reduce Gastric Reflux and/or Emesis</i>				
<i>Improved Esophageal Airway Protection Device and Use of the Airway Protection Device in an Involuntary Cough Test as a Medical Diagnostic Tool</i>	2010333963	9/27/10	AU2010333963	7/4/13
<i>Oral-Esophageal-Gastric Device to Diagnose Reflux and/or Emesis</i>	2010333964	9/27/10	AU2010333964	5/8/14
<i>Improved Esophageal Airway Protection Device and Use of the Airway Protection Device in an Involuntary Cough Test as a Medical Diagnostic Tool</i>	2013205343	4/11/13	AU2013205343	11/14/13
<i>Techniques for evaluating stress urinary incontinence (sui) using involuntary reflex cough test</i>	2,748,001	12/21/2009	CA2748001	2/23/2016
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool Using Involuntary Reflex Cough Test</i>	2,748,021	6/21/11	CA2748021	8/16/16
	06849080.4	10/17/06	EP1937143	11/30/16

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Techniques for Evaluating Urinary Stress Incontinence</i>				
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool Using Involuntary Reflex Cough Test</i>	09804355.7	3/11/10	EP2224848	10/29/14
<i>Involuntary Contraction as a Medical Diagnostic Tool</i>	10175205.3	9/3/10	EP2298163	4/1/15
<i>Techniques for Evaluating Stress Urinary Incontinence (SUI) Using Involuntary Reflex Cough Test</i>	09803960.5	3/11/10	EP2231003	1/28/15
<i>Oral-Esophageal-Gastric Device with Esophageal Cuff to Reduce Gastric Reflux and/or Emesis</i>	10763106.1	9/27/10	EP2515752	6/4/14
<i>Oral-Esophageal-Gastric Device to Diagnose Reflux and/or Emesis</i>	10763928.8	9/27/10	EP2515754	4/9/14
<i>Involuntary Contraction Induced Pressure as a Medical Diagnostic Tool</i>	MX/a/2008/005057	12/8/06	307101	1/30/13
<i>Techniques for Evaluating Stress Urinary Incontinence (SUI) Using</i>	MX/a/2011/006753	6/22/11	318450	3/11/14

Title/Description	Serial No.	Filing Date	Patent No.	Issued
<i>Involuntary Reflex Cough Test</i>				