# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7670074

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

### **CONVEYING PARTY DATA**

Name	Execution Date
PULMONX CORPORATION	02/20/2020

## **RECEIVING PARTY DATA**

Name:	CANADIAN IMPERIAL BANK OF COMMERCE	
Street Address:	81 BAY STREET, 10TH FLOOR	
City:	TORONTO	
State/Country:	CANADA	
Postal Code:	M5J 0E7	

# **PROPERTY NUMBERS Total: 23**

Property Type	Number
Patent Number:	11413045
Patent Number:	11471069
Patent Number:	9561301
Patent Number:	9999701
Patent Number:	8198365
Patent Number:	8445589
Patent Number:	9006340
Patent Number:	8911750
Patent Number:	7654999
Patent Number:	7819908
Patent Number:	7861710
Application Number:	17696023
Application Number:	17688498
Application Number:	17366727
Application Number:	16857004
Application Number:	16940249
Application Number:	17163173
Application Number:	16950100
Application Number:	17363613
Application Number:	17363667

PATENT REEL: 061929 FRAME: 0750

507623180

Property Type	Number
Application Number:	17444336
Application Number:	16941442
Application Number:	16706474

### **CORRESPONDENCE DATA**

**Fax Number:** (650)565-7100

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:** 6505657022

Email: kceron@sidley.com
Correspondent Name: KARLA CERON

Address Line 1: 1001 PAGE MILL ROAD, BUILDING 1
Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	061716.31450	
NAME OF SUBMITTER:	KARLA CERON	
SIGNATURE:	/karla ceron/	
DATE SIGNED:	11/30/2022	

### **Total Attachments: 9**

source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page1.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page2.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page3.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page4.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page5.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page6.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page7.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page8.tif source=04 IPSA (updated 11.30.2022) - Pulmonx (02.20.2020)#page9.tif

#### INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, supplemented or otherwise modified from time to time, this "Agreement") is entered into as of February 20, 2020, between CANADIAN IMPERIAL BANK OF COMMERCE ("Lender") and PULMONX CORPORATION, a Delaware corporation ("Grantor").

### **RECITALS**

- A. Lender and Grantor, among others, are entering into that certain Loan and Security Agreement dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"). Defined terms used herein without definition shall have the meanings set forth in the Loan Agreement.
- The Obligations are secured by the Collateral including, without limitation, all of Grantor's Intellectual Property.
- C. Grantor's execution and delivery of this Agreement is a condition to the effectiveness of the Loan Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, Grantor and Lender hereby agree:

#### AGREEMENT

- 1. To secure the Obligations, Grantor grants Lender a security interest in all of Grantor's right, title and interest in its Intellectual Property to the extent constituting Collateral. Grantor hereby confirms that the attached schedules of Grantor's copyright, patent and trademark applications and registrations, which are registered or filed with the United States Patent and Trademark Office or the United States Copyright Office, as applicable, attached hereto as Exhibits A, B and C hereto, respectively, are complete and accurate as of the date hereof.
- Grantor hereby authorizes Lender, upon notice to Grantor, to (a) modify this Agreement unilaterally by amending the Exhibits to this Agreement to include any Intellectual Property which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate of this Agreement containing amended exhibits reflecting such new Intellectual Property.
- This Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, is an original, and all taken together, constitute one Agreement. Delivery of an executed counterpart of a signature page of any Loan Document by electronic means shall be effective as delivery of an original executed counterpart of such Loan Document. The words "execution," "signed," "signature" and words of like import in any Loan Document shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity and enforceability as a manually executed signature or the use of a paper-based recordkeeping systems, as the case may be, to the extent and as provided for in any applicable law, including, without limitation, any state law based on the Uniform Electronic Transactions Act.
- This Agreement is a Loan Document and shall be governed by, and construed in accordance with, the laws of the State of New York.

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IN WITNESS WHEREOF, the undersigned have duly executed this Intellectual Property Security Agreement as of the first date written above. Address of Grantor: GRANTOR: Pulmonx Corporation PULMONX CORPORATION

700 Chesapeake Drive Redwood City, CA 94063 e-mail: dsung@pulmonx.com Attention: Derrick Sung, Ph.D. Name: Derrick Sung, Ph.D.

Title: Chief Financial Officer

CIBC Innovation Banking CANADIAN IMPERIAL BANK OF COMMERCE 81 Bay Street, 10th Floor Toronto, Ontario

By: \_\_\_\_\_ M5J 0E7 Attention: Mark McQueen, President and Executive Name: \_\_\_\_\_ Managing Director Title: Authorized Signatory

LENDER:

Address of Lender:

IN WITNESS WHEREOF, the undersigned have duly executed this Intellectual Property Security Agreement as of the first date written above.

Address of Grantor:	GRANTOR:
Pulmonx Corporation 700 Chesapeake Drive Redwood City, CA 94063	PULMONX CORPORATION
e-mail: dsung@pulmonx.com	By:
Attention: Derrick Sung, Ph.D.	Name: Derrick Sung, Ph.D. Title: Chief Financial Officer
Address of Lender:	LENDER:
CIBC Innovation Banking 81 Bay Street, 10th Floor Toronto, Ontario M5J 0E7	CANADIAN IMPERIAL BANK OF COMMERCE
Attention: Mark McQueen, President and Executive	Name: North Clark
Managing Director	Title: <sup>§</sup> Authorized Signatory
	By: Joyan Ceny) Title: Authorized Signatory

## EXHIBIT A

## COPYRIGHTS

None.

## **EXHIBIT B**

## **PATENTS**

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<u>DESCRIPTION</u>	PATENT/ APPLICATION NUMBER	<u>ISSUE/</u> <u>APPLICATION</u> <u>DATE</u>
APPARATUS AND METHOD FOR ISOLATED LUNG ACCESS	6,398,775	04-Jun-2002
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	6,287,290	11-Sep-2001
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	7,141,046	28-Nov-2006
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	7,458,963	02-Dec-2008
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	7,766,895	03-Aug-2010
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	8,177,769	15-May-2012
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	6,709,401	23-Mar-2004
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	7,186,259	06-Mar-2007
METHODS, SYSTEMS, AND KITS FOR LUNG VOLUME REDUCTION	6,878,141	12-Apr-2005
METHODS AND DEVICES FOR OBSTRUCTING AND ASPIRATING LUNG TISSUE SEGMENTS	6,527,761	04-Mar-2003
METHODS AND DEVICES FOR OBSTRUCTING AND ASPIRATING LUNG TISSUE SEGMENTS	6,997,918	14-Feb-2006
SHEATH AND METHOD FOR RECONFIGURING LUNG VIEWING SCOPE	6,585,639	01-Jul-2003
METHOD AND APPARATUS FOR ENDOBRONCHIAL DIAGNOSIS	10,413,244	17-Sep-2019
METHOD AND APPARATUS FOR ENDOBRONCHIAL DIAGNOSIS	16/562,158	05-Sep-2019
PULMONARY OCCLUSAL STENT DELIVERY CATHETER, LOADING SYSTEM AND METHODS OF USE	8,409,168	02-Apr-2013
PULMONARY OCCLUSAL STENT DELIVERY CATHETER, LOADING SYSTEM AND METHODS OF USE	9,131,942	15-Sep-2015
MINIMALLY INVASIVE COLLATERAL FLOW MEASUREMENT IN LUNGS	8,454,527	04-Jun-2013
MINIMALLY INVASIVE COLLATERAL FLOW MEASUREMENT IN LUNGS	7,883,471	08-Feb-2011
MINIMALLY INVASIVE COLLATERAL FLOW MEASUREMENT IN LUNGS	8,523,782	03-Sep-2013
SELECTIVE LUNG TISSUE ABLATION	7,628,789	08-Dec-2009
SELECTIVE LUNG TISSUE ABLATION	8,568,403	29-Oct-2013
SELECTIVE LUNG TISSUE ABLATION	9,486,266	03-Nov-2016
SELECTIVE LUNG TISSUE ABLATION	10,470,811	12-Nov-2019
SELECTIVE LUNG TISSUE ABLATION	16/590,804	02-Oct-2019
COLLATERAL PATHWAY TREATMENT USING AGENT ENTRAINED SY ASPIRATION FLOW CURRENT	8,876,791	04-Nov-2014
METHODS AND DEVICES TO INDUCE LOCALIZED HYPOXIC PULMONARY VASOCONSTRICTION	8,136,526	20-Mar-2012

METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG TOTAL PASSIV	VOLUME REPUCTION AND FUNCTIONAL LUNG			
WOLUME EXPANSION	VOLUME EXPANSION	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	9,533,116	03-Jan-2017
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	VOLUME REDUCTION AND FUNCTIONAL LUNG		
VOLUME EXPANSION         NETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         16/428,544         31-May-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         10,314,992         11-Jun-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         10,314,992         11-Jun-2019           VOLUME REPUCTION AND FUNCTIONAL LUNG         10,314,992         11-Jun-2019           VOLUME EXPANSION         10,314,992         11-Jun-2019           WOLUME EXPANSION         WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         9,050,094         09-Jun-2015           VOLUME EXPANSION         WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         8,496,006         30-Jul-2013           VOLUME EXPANSION         WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         8,496,006         30-Jul-2013           VOLUME EXPANSION         BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         BRADED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         8,137,302         20-Mar-2012           METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,136	VOLUME REPUCTION AND FUNCTIONAL LUNG         VOLUME EXPANSION         Inches AND DEVICES FOR PASSIVE RESIDUAL LUNG         16/428,544         31-May-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REPANSION         11-Jun-2019           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME REPANSION         10,314,992         11-Jun-2019           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME EXPANSION         409-Jun-2015           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME EXPANSION         30-Jul-2013           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME EXPANSION         30-Jul-2013           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME EXPANSION         40-Jun-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL         8,496,006         30-Jul-2013           ASSESSMENT CATHETER (BB CATHETER)         30-Aug-2016         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         30-Aug-2016         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         31-SEP-2010         30-Aug-2012           BRAIDED BALLOON PULMONARY FUNCTIONAL         48,137,302	VOLUME EXPANSION		
WOLLIME EXPANSION	VOLUME EXPANSION	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	15/358,483	22-Nov-2016
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	VOLUME REDUCTION AND FUNCTIONAL LUNG		
VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME EXPANSION           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         10,314,992         11-Jun-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         0         0         9,050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         0         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         8,496,006         30-Jul-2013           VOLUME EXPANSION         8,496,006         30-Jul-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         30-Aug-2016         30-SSESSMENT CATHETER (BB CATHETER)           BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           MCTIODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,137,302         20-Mar-2012           STENT LOADING DEVICE AND STENT REMOVAL DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVIC	VOLUME EXPANSION         11-Jun-2019           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         10,314,992         11-Jun-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         10,314,992         11-Jun-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REPUCTION AND FUNCTIONAL LUNG         9,050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         8,496,006         30-Jul-2013           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         8,342,182         01-Jan-2013           VOLUME REDUCTION AND FUNCTIONAL LUNG         400-MILE EXPANSION         8,342,182         01-Jan-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         8,342,182         01-Jan-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,136,502         20-Mar-2012           STENT LOADING DEVICE AND STENT REMOVAL DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES	VOLUME EXPANSION		
VOLUME EXPANSION         10,314,992         11-Jun-2019           WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         10,314,992         11-Jun-2019           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         0.50,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         0.050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME EXPANSION         8,496,006         30-Jul-2013           WOLUME EXPANSION         BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           BRASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           BRASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           BRASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           BRASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           BRASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016	VOLUME EXPANSION  METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME REPUCTION AND FUNCTIONAL LUNG VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME REPUCTION AND FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING COLLATERAL FLOW CHANNELS IN THE LUNG STENT LOADING DEVICE AND STENT REMOVAL DEVICE  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,115  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,14,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 814,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 814,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,17,17  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,17  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,17  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 814,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,17  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 8,14,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES T, 7,17,17  MPLANTABLE BRONCHIAL SOLATION DEVICES AND METHODS T, 7,17,17  MPLANTABLE BRONCHIAL SOLATION DEVICES AND METHODS T, 7,17,17  MPLANTABLE BRONCHIA	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	16/428,544	31-May-2019
WOLLIME EXPANSION	VOLUME EXPANSION   METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME REDUCTION AND FUNCTIONAL LUNG   VOLUME EXPANSION   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME EXPANSION   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME EXPANSION   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME EXPANSION   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME REDUCTION AND FUNCTIONAL LUNG   VOLUME REDUCTION AND FUNCTIONAL LUNG   VOLUME EXPANSION   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME EXPANSION   SEATHETER   WETHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG   VOLUME EXPANSION   SEATHETER   WETHODS AND STRUCK PROVIDED   VOLUME ASSESSMENT CATHETER (BB CATHETER)   WETHODS AND SEATHETER   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER (BB CATHETER)   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER (BB CATHETER)   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER (BB CATHETER)   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER (BB CATHETER)   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER   WETHODS FOR OCCLUDING   SASSESSMENT CATHETER   WETHODS AND SYSTEMS FOR OCCLUDING   SASSESSMENT CATHETER   WETHODS   WE	VOLUME REDUCTION AND FUNCTIONAL LUNG	, i	•
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG			
VOLUME REPUCTION AND FUNCTIONAL LUNG         VOLUME EXPANSION         POSTUME STATEMENT           METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         9.050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REPUCTION AND FUNCTIONAL LUNG         8,496,006         30-Jul-2013           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REDUCTION AND FUNCTIONAL LUNG         00-Jun-2013         30-Jul-2013           SASESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           MESSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           MPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oc	VOLUME EXPANSION         METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         9,050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         9,050,094         09-Jun-2015           VOLUME REDUCTION AND FUNCTIONAL LUNG         8,496,006         30-Jul-2013           VOLUME EXPANSION         8,496,006         30-Jul-2013           WOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME REPONSION         8,342,182         01-Jan-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           METHODS AND SYSTEMS FOR OCCLUDING SASSESSMENT CATHETER (BB CATHETER)         8,137,302         20-Mar-2012           METHODS AND SYSTEMS FOR OCCLUDING STENT REMOVAL DEVICE SASSESSMENT CATHETER (BB CATHETER)         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES TOWN CHANNELS IN THE LUNG         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES TOWN CHANNELS SASSESSMENT CATHETER (BB CATHETER)         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES TOWN CHANNELS SASSESSMENT CATHETER (BB CATHETER)         7,711,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES SASSES SASSES SASSES SASSES SASSES SASSE		10.314.992	11-Jun-2019
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME EXPANSION BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING COLLATERAL FLOW CHANNELS IN THE LUNG STENT LOADING DEVICE AND STENT REMOVAL DEVICE STENT LOADING DEVICE AND STENT REMOVAL DEVICE BRIANTABLE BRONCHIAL ISOLATION DEVICES TYPICATION DEVICES TYPICATION OF SEA OF STANDARD	VOLUME EXPANSION   METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG			
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG			
VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG VOLUME EXPANSION BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER) BRAIDED BALLOON PULMONARY FUNCTIONAL BRETHODS AND SYSTEMS FOR ROCCLUDING STENT LOADING DEVICE AND STENT REMOVAL DEVICE BRONCHIAL FLOW CHANNELS IN THE LUNG STENT LOADING DEVICE AND DEVICES T,711,115 BRAMY-2010 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,798,147 21-Sep-2010 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,881,4912 19-Oct-2010 METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS LUNG REGIONS FED BY COLLATERAL PATHWAYS LUNG REGIONS FED BY COLLATERAL PATHWAYS LUNG TREATMENT DEVICE BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE BRONCHIAL FLOW CONTROL DEVICES	VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME EXPANSION METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG WOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME EXPANSION BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER) BRAIDED BALLOON PULMONARY FUNCTIONAL BRETTOLOADING BRETTOLOADING STENT LOADING BRONCHIAL FLOW CHANNELS IN THE LUNG STENT LOADING BRONCHIAL BRONCHIAL ISOLATION DEVICES T,717,1115 BRAIDED BRONCHIAL ISOLATION DEVICES T,798,147 21-Sep-2010 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,814,912 19-Oct-2010 METHODS AND DEVICES FOR INDUCING COLLAPSE IN T,412,977 19-Aug-2008 LUNG REGIONS FED BY COLLATERAL PATHWAYS LUNG TREATMENT DEVICE BRONCHIAL FLOW CONTROL DEVICES AND METHODS T,771,472 10-Aug-2010 DEVICES BRONCHIAL FLOW CONTROL DEVICES AND METHODS TO SUB BRONCHIAL FLOW CONTROL DEVICES AND METHODS TO SUB-TAIL SUB-TION DEVICES AND TO SUB-TAIL SUB-TION DEVICES AND TO SUB-		9 050 094	09-Jun-2015
VOLUME EXPANSION	VOLUME EXPANSION		,,,,,,,,,	
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG         8,496,006         30-Jul-2013           VOLUME REDUCTION AND FUNCTIONAL LUNG         VOLUME EXPANSION         0           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           METHODS AND SYSTEMS FOR OCCLUDING COLLATERAL FLOW CHANNELS IN THE LUNG         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         20-Mar-2012         LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010         07 USE         05-Mar-2013           BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,872,755			
VOLUME REDUCTION AND FUNCTIONAL LUNG VOLUME EXPANSION BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING COLLATERAL FLOW CHANNELS IN THE LUNG STENT LOADING DEVICE AND STENT REMOVAL DEVICE STENT LOADING DEVICE AND STENT REMOVAL DEVICE MPLANTABLE BRONCHIAL ISOLATION DEVICES TO STANDAM SERVICE SERVICES MPLANTABLE BRONCHIAL ISOLATION DEVICES MPLANTABLE BRONCHIAL ISOLATION DEVICES METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS LUNG TREATMENT DEVICE LUNG TREATMENT DEVICE BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE	VOLUME REDUCTION AND FUNCTIONAL VOLUME EXPANSION         8,342,182         01-Jan-2013           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           BRSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2010           DEVIS TREATMENT DEVICE         8,136,520         20-Mar-2010           OF USE         BRONCHIAL		8 496 006	30-Iul-2013
VOLUME EXPANSION   BRAIDED BALLOON PULMONARY FUNCTIONAL   8,342,182   01-Jan-2013	VOLUME EXPANSION         BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,298,147         21-Sep-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010         0F USE           BRONCHIAL FLOW CONTROL DEVICES AND METHODS         07-Mar-2013         0F Mar-2013           OF USE		0,170,000	30 341 2013
BRAIDED BALLOON PULMONARY FUNCTIONAL   8,342,182   01-Jan-2013     ASSESSMENT CATHETER (BB CATHETER)   30-Aug-2016     ASSESSMENT CATHETER (BB CATHETER)   43-93,583   13-Sep-2016     ASSESSMENT CATHETER (BB CATHETER)   43-4-Jan-2012     METHODS AND SYSTEMS FOR OCCLUDING   8,137,302   20-Mar-2012     COLLATERAL FLOW CHANNELS IN THE LUNG   51-A-2012     COLLATERAL FLOW CHANNELS IN THE LUNG   51-A-2012     MPLANTABLE BRONCHIAL ISOLATION DEVICES   7,717,115   18-May-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,717,115   18-May-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,798,147   21-Sep-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,814,912   19-Oct-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,814,912   19-Oct-2010     METHODS AND DEVICES FOR INDUCING COLLAPSE IN   7,412,977   19-Aug-2008     LUNG REGIONS FED BY COLLATERAL PATHWAYS   10-Aug-2010     LUNG TREATMENT DEVICE   8,136,520   20-Mar-2012     LUNG TREATMENT DEVICE   7,670,373   02-Mar-2012     BRONCHIAL FLOW CONTROL DEVICES AND METHODS   7,771,472   10-Aug-2010     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,872,755   23-Jan-2018     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   10,350,048   16-Jul-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   10,436,711   10-Jun-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,211,181   15-Dec-2015     OF USE   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   6,941,950   13-Sep-2005     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   6,941,950   13-Sep-2005     LUNG TREATMENT METHODS   10,7854,228   21-Dec-2010     LUNG TREATMENT METHODS   10,7854,228   21-Dec-2010     LUNG TREATMENT METHODS   10,7854,228   21-Dec-2010     LUNG TREATMENT METHODS   10,7854,228   21	BRAIDED BALLOON PULMONARY FUNCTIONAL         8,342,182         01-Jan-2013           ASSESSMENT CATHETER (BB CATHETER)         15/250,917         30-Aug-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         19-Aug-2008         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         0,5Mar-2010			
ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL  ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL  ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL  ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING  COLLATERAL FLOW CHANNELS IN THE LUNG  STENT LOADING DEVICE AND STENT REMOVAL DEVICE  STENT LOADING DEVICE AND STENT REMOVAL DEVICE  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,711,115  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,798,147  21-Sep-2010  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,798,147  19-Oct-2010  METHODS AND DEVICES FOR INDUCING COLLAPSE IN  LUNG REGIONS FED BY COLLATERAL PATHWAYS  LUNG TREATMENT DEVICE  LUNG TREATMENT DEVICE  BRONCHIAL FLOW CONTROL DEVICES AND METHODS  OF USE  BRONCHIAL FLO	ASSESSMENT CATHETER (BB CATHETER)   BRAIDED BALLOON PULMONARY FUNCTIONAL   15/250,917   30-Aug-2016   ASSESSMENT CATHETER (BB CATHETER)   BRAIDED BALLOON PULMONARY FUNCTIONAL   9,439,583   13-Sep-2016   ASSESSMENT CATHETER (BB CATHETER)		8 342 182	01-Ian-2013
BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         13-Sep-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         13-Sep-2016           METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         10-Aug-2012         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,211,181 <td>BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         1</td> <td></td> <td>0,542,102</td> <td>01-3411-2013</td>	BRAIDED BALLOON PULMONARY FUNCTIONAL         15/250,917         30-Aug-2016           ASSESSMENT CATHETER (BB CATHETER)         9,439,583         13-Sep-2016           BRAIDED BALLOON PULMONARY FUNCTIONAL         9,439,583         13-Sep-2016           ASSESSMENT CATHETER (BB CATHETER)         METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         1		0,542,102	01-3411-2013
ASSESSMENT CATHETER (BB CATHETER)  BRAIDED BALLOON PULMONARY FUNCTIONAL  ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING  COLLATERAL FLOW CHANNELS IN THE LUNG  STENT LOADING DEVICE AND STENT REMOVAL DEVICE  RIPLANTABLE BRONCHIAL ISOLATION DEVICES:  METHODS AND BYSTEMS FOR OCCLUDING  STENT LOADING DEVICE AND STENT REMOVAL DEVICE  RIPLANTABLE BRONCHIAL ISOLATION DEVICES:  MPLANTABLE BRONCHIAL ISOLATION DEVICES:  MPLANTABLE BRONCHIAL ISOLATION DEVICES:  MPLANTABLE BRONCHIAL ISOLATION DEVICES:  MPLANTABLE BRONCHIAL ISOLATION DEVICES:  METHODS AND DEVICES FOR INDUCING COLLAPSE IN  LUNG REGIONS FED BY COLLATERAL PATHWAYS  LUNG TREATMENT DEVICE  LUNG TREATMENT DEVICE  BRONCHIAL FLOW CONTROL DEVICES AND METHODS  OF USE  BRO	ASSESSMENT CATHETER (BB CATHETER) BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING COLLATERAL FLOW CHANNELS IN THE LUNG STENT LOADING DEVICE AND STENT REMOVAL DEVICE IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,717,115 IB-May-2010 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,798,147 21-Sep-2012 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,798,147 21-Sep-2010 IMPLANTABLE BRONCHIAL ISOLATION DEVICES T,814,912 IMPLANTABLE BRONCHIAL FOLLATERAL PATHWAYS LUNG TREATMENT DEVICE T,670,373 T,412,977 T,4	· /	15/250 917	20. Aug. 2016
BRAIDED BALLOON PULMONARY FUNCTIONAL   9,439,583   13-Sep-2016   ASSESSMENT CATHETER (BB CATHETER)   20-Mar-2012	BRAIDED BALLOON PULMONARY FUNCTIONAL ASSESSMENT CATHETER (BB CATHETER)		13/230,917	30-Aug-2010
ASSESSMENT CATHETER (BB CATHETER)  METHODS AND SYSTEMS FOR OCCLUDING  COLLATERAL FLOW CHANNELS IN THE LUNG  STENT LOADING DEVICE AND STENT REMOVAL DEVICE  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,717,115  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,717,115  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,717,115  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,798,147  21-Sep-2010  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,814,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,814,912  MPLANTABLE BRONCHIAL ISOLATION DEVICES  T,814,912  METHODS AND DEVICES FOR INDUCING COLLAPSE IN  LUNG REGIONS FED BY COLLATERAL PATHWAYS  LUNG TREATMENT DEVICE  LUNG TREATMENT DEVICE  BRONCHIAL FLOW CONTROL DEVICES AND METHODS  OF USE  OFTICATION OF THE METHOD OF THE METH	ASSESSMENT CATHETER (BB CATHETER)		0.420.592	12 Can 2016
METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         24-Jan-2012           STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS         7,412,977         19-Aug-2008           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,872,755         23-Jan-2018           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,211,181         15-Dec-2015	METHODS AND SYSTEMS FOR OCCLUDING         8,137,302         20-Mar-2012           COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS         7,412,977         19-Aug-2008           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         7,771,472         10-Aug-2010           DF USE         8,388,682         05-Mar-2013           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,872,755         23-Jan-2018           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         16/436,711         10-Jun-2019           DF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         0,911,181 </td <td></td> <td>9,439,383</td> <td>13-Sep-2016</td>		9,439,383	13-Sep-2016
COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES:         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         20-Mar-2012         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         7,771,472         10-Aug-2010           BRONCHIAL FLOW CONTROL DEVICES AND METHODS         8,388,682         05-Mar-2013           OF USE         0F USE         9,872,755         23-Jan-2018           BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         10,350,048         16-Jul-2019           BRONCHIAL FLOW CONTROL DEVICES AND METHODS         16/436,711         10-Jun-2019           OF USE         10-Jun-2019         10-Jun-2019	COLLATERAL FLOW CHANNELS IN THE LUNG         STENT LOADING DEVICE AND STENT REMOVAL DEVICE         8,100,959         24-Jan-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,717,115         18-May-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN         7,412,977         19-Aug-2008           LUNG REGIONS FED BY COLLATERAL PATHWAYS         20-Mar-2012           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,872,755         23-Jan-2018           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         16/436,711         10-Jun-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,211,181         15-Dec-2015           OF USE         IMPLANTABLE		0.127.202	20 M 2012
STENT LOADING DEVICE AND STENT REMOVAL DEVICE   8,100,959   24-Jan-2012     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,717,115   18-May-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   8,251,067   28-Aug-2012     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,798,147   21-Sep-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,88,147   21-Sep-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,814,912   19-Oct-2010     METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS   19-Aug-2008     LUNG TREATMENT DEVICE   8,136,520   20-Mar-2012     LUNG TREATMENT DEVICE   7,670,373   02-Mar-2010     BRONCHIAL FLOW CONTROL DEVICES AND METHODS   7,771,472   10-Aug-2010     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   8,388,682   05-Mar-2013     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,872,755   23-Jan-2018     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   10,350,048   16-Jul-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   16/436,711   10-Jun-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,211,181   15-Dec-2015     OF USE   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   6,941,950   13-Sep-2005     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLA	STENT LOADING DEVICE AND STENT REMOVAL DEVICE   8,100,959   24-Jan-2012     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,717,115   18-May-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   8,251,067   28-Aug-2012     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,798,147   21-Sep-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,798,147   21-Sep-2010     IMPLANTABLE BRONCHIAL ISOLATION DEVICES   7,814,912   19-Oct-2010     METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS   19-Aug-2008     LUNG TREATMENT DEVICE   8,136,520   20-Mar-2012     LUNG TREATMENT DEVICE   7,670,373   02-Mar-2010     BRONCHIAL FLOW CONTROL DEVICES AND METHODS   7,771,472   10-Aug-2010     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   8,388,682   05-Mar-2013     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,872,755   23-Jan-2018     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   10,350,048   16-Jul-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   10,436,711   10-Jun-2019     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,211,181   15-Dec-2015     OF USE   BRONCHIAL FLOW CONTROL DEVICES AND METHODS   9,211,181   15-Dec-2015     OF USE   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   CA 2,458,595   04-Dec-2007     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     LUNG TREATMENT METHODS   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228   21-Dec-2010     OF USE   IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND   7,854,228		8,137,302	20-Mar-2012
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IMPLANTABLE BRONCHIAL ISOLATION DEVICES:         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS         7,412,977         19-Aug-2008           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         7,771,472         10-Aug-2010           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         9,872,755         23-Jan-2018           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         10,350,048         16-Jul-2019           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         16/436,711         10-Jun-2019           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         9,211,181         15-Dec-2015           BRONCHIAL FLOW CONTROL DEVICES AND METHODS OF USE         04-Dec-2007         10-Jun-2019           IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS         6,941,950         13-Sep-2005           IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS         7,854,228         21-Dec-2010	IMPLANTABLE BRONCHIAL ISOLATION DEVICES:         8,251,067         28-Aug-2012           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,798,147         21-Sep-2010           IMPLANTABLE BRONCHIAL ISOLATION DEVICES         7,814,912         19-Oct-2010           METHODS AND DEVICES FOR INDUCING COLLAPSE IN LUNG REGIONS FED BY COLLATERAL PATHWAYS         7,412,977         19-Aug-2008           LUNG TREATMENT DEVICE         8,136,520         20-Mar-2012           LUNG TREATMENT DEVICE         7,670,373         02-Mar-2010           OF USE         7,771,472         10-Aug-2010           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         8,388,682         05-Mar-2013           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,872,755         23-Jan-2018           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         10,350,048         16-Jul-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         16/436,711         10-Jun-2019           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         9,211,181         15-Dec-2015           OF USE         BRONCHIAL FLOW CONTROL DEVICES AND METHODS         0,941,950         13-Sep-2005           IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS         0,941,950         13-Sep-2005           IMPLANT			
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IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS  IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS  IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS  TREATMENT METHODS  O4-Dec-2007  13-Sep-2005  13-Sep-2005  13-Dec-2010  13-Dec-2010	IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODSCA 2,458,59504-Dec-2007IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS6,941,95013-Sep-2005IMPLANTABLE BRONCHIAL ISOLATION DEVICES AND LUNG TREATMENT METHODS7,854,22821-Dec-2010		3,211,101	10 20 2010
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LUNG TREATMENT METHODS	LUNG TREATMENT METHODS		7 854 229	21_Dec 2010
			1,054,220	21 <b>-DCC-</b> 2010
		IMPLANTED BRONCHIAL ISOLATION DEVICES. AND	Q 474 460	02-Jul-2013
			8,474,460	02-341-2013
METHODS	METHODS	METHODS		

METHODS AND DEVICES FOR BLOCKING FLOW	8,206,684	26-Jun-2012
THROUGH COLLATERAL PATHWAYS IN THE LUNG	0,200,001	20 8411 2012
MULTIPLE SEAL PORT ANESTHESIA ADAPTER	7,036,509	02-May-2006
METHODS AND DEVICES FOR USE IN PERFORMING	CA 2,401,331	27-Jul-2010
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	6,679,264	20-Jan-2004
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	6,901,927	07-Jun-2005
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	6,904,909	14-Jun-2005
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	6,840,243	11-Jan-2005
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	7,165,548	23-Jan-2007
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	7,662,181	16-Feb-2010
PULMONARY PROCEDURES		
METHODS AND DEVICES FOR USE IN PERFORMING	8,357,139	22-Jan-2013
PULMONARY PROCEDURES	6.604.070	24 7 1 2004
METHODS AND DEVICES FOR USE IN PERFORMING	6,694,979	24-Feb-2004
PULMONARY PROCEDURES BODY FLUID FLOW CONTROL DEVICE	5,954,766	21 San 1000
BODY FLUID FLOW CONTROL DEVICE	6,632,243	21-Sep-1999 14-Oct-2003
BODY FLUID FLOW CONTROL DEVICE  BODY FLUID FLOW CONTROL DEVICE	7,033,387	25-Apr-2006
BODY FLUID FLOW CONTROL DEVICE	7,033,387	02-Oct-2007
IMPLANTABLE BRONCHIAL ISOLATION DEVICES	7,270,077	14-Mar-2006
MEASURING LUNG FUNCTION AND LUNG DISEASE	9,107,606	18-Aug-2015
PROGRESSION AT A LOBAR/SEGMENTAL LEVEL	9,107,000	16-Aug-2013
MEASURING LUNG FUNCTION AND LUNG DISEASE	14/801,848	17-Jul-2015
PROGRESSION AT A LOBAR/SEGMENTAL LEVEL	14/001,040	17-341-2013
DEVICES AND SYSTEMS FOR LUNG TREATMENT	9,592,008	14-Mar-2017
DEVICES AND SYSTEMS FOR LUNG TREATMENT	15/430,080	10-Feb-2017
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	8,808,194	19-Aug-2014
DIAGNOSTICS	3,000,15	17 1148 2011
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	10,076,271	18-Sep-2018
DIAGNOSTICS		<b>r</b>
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	16/107,849	21-Aug-2018
DIAGNOSTICS		C
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	9,364,168	14-Jun-2016
DIAGNOSIS		
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	16/432,685	05-Jun-2019
DIAGNOSIS		
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	10,314,516	11-Jun-2019
DIAGNOSIS		
SYSTEMS AND METHODS FOR FLUSHING AN	10,478,125	19-Nov-2019
ASSESSMENT CATHETER	4.645.0.0.0.0.0	00.0
SYSTEMS AND METHODS FOR FLUSHING AN	16/590,607	02-Oct-2019
ASSESSMENT CATHETER	10.456.560	20.0 : 2010
BRONCHIAL SEALANT DELIVERY METHODS AND	10,456,562	29-Oct-2019
SYSTEMS  COLLATERAL FLOW CHANNEL CEALANTE DELIVERY	10 412 200	17 0 2010
COLLATERAL FLOW CHANNEL SEALANT DELIVERY	10,413,300	17-Sep-2019
METHODS AND SYSTEMS  COLLATERAL ELOW CHANNEL SEALANT DELIVERY	16/522 920	06 Ana 2010
COLLATERAL FLOW CHANNEL SEALANT DELIVERY METHODS AND SYSTEMS	16/532,820	06-Aug-2019
METHODS AND STSTEMS		

METHODS, SYSTEMS, AND DEVICES FOR ANALYZING	15/424,458	03-Feb-2017
LUNG IMAGING DATA	15/121,150	03 1 00 2017
HIGH RESISTANCE IMPLANTED BRONCHIAL ISOLATION	15/714,868	25-Sep-2017
DEVICES AND METHODS	15//11,000	25 5 <b>c</b> p 2017
POLYMER SYSTEMS FOR LUNG VOLUME REDUCTION	8,361,484	29-Jan-2013
THERAPY	0,501,101	27 Juli 2015
SELECTIVE LUNG TISSUE ABLATION	17/696,023	16-Mar-2022
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	17/688,498	7-Mar-2022
VOLUME REDUCTION AND FUNCTIONAL LUNG	17,000,150	, 11tt 2022
VOLUME EXPANSION		
IMPLANT LOADING DEVICE AND SYSTEM	17/366,727	2-Jul-2021
MEASURING LUNG FUNCTION AND LUNG DISEASE	16/857,004	23-Apr-2020
PROGRESSION AT A LOBAR/SEGMENTAL LEVEL	10,027,001	23 11p1 2020
DEVICES AND SYSTEMS FOR LUNG TREATMENT	16/940,249	27-Jul-2020
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	17/163,173	29-Jan-2021
DIAGNOSTICS	177103,173	27 3411 2021
METHODS, SYSTEMS, AND DEVICES FOR ANALYZING	16/950,100	17-Nov-2020
LUNG IMAGING DATA	10/500,100	17 1107 2020
SYSTEMS AND METHODS FOR ENDOBRONCHIAL	17/363,613	30-Jun-2021
DIAGNOSTICS	17,505,015	
METHODS AND SYSTEMS FOR DETERMINING	17/363,667	30-Jun-2021
COLLATERAL VENTILATION	17,000,007	50 <b>V</b>
METHODS, SYSTEMS, AND DEVICES FOR ANALYZING	17/444,336	3-Aug-2021
LUNG IMAGING DATA TO DETERMINE COLLATERAL	17,111,000	0 1148 2021
VENTILATION		
METHODS AND DEVICES FOR PASSIVE RESIDUAL LUNG	11,413,045	16-Aug-2022
VOLUME REDUCTION AND FUNCTIONAL LUNG	,,	8
VOLUME EXPANSION		
METHODS AND SYSTEMS FOR ENDOBRONCHIAL	11,471,069	18-Oct-2022
DIAGNOSIS	, ,	
HIGH RESISTANCE IMPLANTED BRONCHIAL ISOLATION	16/941,442	28-Jul-2020
DEVICES AND METHODS	·	
FUNCTIONAL ASSESSMENT AND TREATMENT	16/706,474	6-Dec-2019
CATHETERS AND METHODS FOR THEIR USE IN THE		
LUNG		
LUNG VOLUME REDUCTION THERAPY USING	9,561,301	7-Feb-2017
CROSSLINKED NON-NATURAL POLYMERS		
LUNG VOLUME REDUCTION THERAPY USING	9,999,701	19-Jun-2018
CROSSLINKED NON-NATURAL POLYMERS		
LUNG VOLUME REDUCTION THERAPY USING	8,198,365	12-Jun-2012
CROSSLINKED NON-NATURAL POLYMERS		
LUNG VOLUME REDUCTION THERAPY USING	8,445,589	21-May-2013
CROSSLINKED NON-NATURAL POLYMERS		
LUNG VOLUME REDUCTION THERAPY USING	9,006,340	14-Apr-2015
CROSSLINKED NON-NATURAL POLYMERS		
LUNG VOLUME REDUCTION THERAPY USING	8,911,750	16-Dec-2014
CROSSLINKED BIOPOLYMERS		
TISSUE VOLUME REDUCTION	7,654,999	2-Feb-2010
COMPOSITIONS AND METHODS FOR REDUCING LUNG	7,819,908	26-Oct-2010
VOLUME		
RESPIRATORY ASSISTANCE APPARATUS AND METHOD	7,861,710	4-Jan-2011

# EXHIBIT C

## TRADEMARKS

<u>COUNTRY</u>	DESCRIPTION	REGISTRATION/	REGISTRATION/
		SERIAL NUMBER	<u>APPLICATION</u>
			<u>DATE</u>
United States	MY LUNGS. MY LIFE.	App. No.: 88249118	Filing Date: January 3, 2019
United States	YOUR LUNGS. YOUR LIFE.	App. No.: 88249124	Filing Date: January 3, 2019
United States	STRATX	App. No.: 87113635	Filing Date: July 22, 2016
		Reg. No.: 5835149	Reg. Date: August 13, 2019
United States	PULMONX	App. No.: 86209764	Filing Date: March 3, 2014
		Reg. No.: 4758397	Reg. Date: June 23, 2015
United States	AERISEAL	App. No.: 85055131	Filing Date: June 4, 2010
		Reg. No.: 3942227	Reg. Date: April 5, 2011
United States		App. No. 77438402	Filing Date: April 2, 2008
	pulmonX)	Reg. No. 3706187	Reg. Date: November 3, 2009
United States	CHARTIS	App. No. 77409896	Filing Date: February 29, 2008
		Reg No. 3747362	Reg. Date: February 9, 2010
United States	PULMONX	App. No. 78524798	Filing Date: November 30, 2004
Supplemental		Reg No. 3266660	Reg. Date: July 17, 2007
Register		_	
United States	ZEPHYR	App. No. 78414898	Filing Date: May 7, 2004
		Reg No. 3121633	Reg. Date: July 25, 2006
United States	EBV	App. No. 78122945	Filing Date: April 19, 2002
		Reg No. 3112518	Reg. Date: July 4, 2006

**RECORDED: 11/30/2022**