

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8033942

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	SUNMED GROUP HOLDINGS, LLC	06/29/2023
RECEIVING PARTY DATA		
Name:	MACQUARIE CAPITAL FUNDING LLC, AS ADMINISTRATIVE AGENT	
Street Address:	125 WEST 55TH STREET	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10019	
PROPERTY NUMBERS Total: 113		
	Property Type	Number
	Patent Number:	6976488
	Patent Number:	7267120
	Patent Number:	7721734
	Patent Number:	7841335
	Patent Number:	7841336
	Patent Number:	7779841
	Patent Number:	8025054
	Patent Number:	8534284
	Patent Number:	8365727
	Patent Number:	9242059
	Patent Number:	8231606
	Patent Number:	8857434
	Patent Number:	10195381
	Patent Number:	8347909
	Patent Number:	9339626
	Patent Number:	9314582
	Patent Number:	10646683
	Patent Number:	8783252
	Patent Number:	8925548
	Patent Number:	8910635

PATENT

Property Type	Number
Patent Number:	9022029
Patent Number:	8887727
Patent Number:	9044562
Patent Number:	8905028
Patent Number:	8944060
Patent Number:	8915250
Patent Number:	8944059
Patent Number:	8881730
Patent Number:	8695602
Patent Number:	9212673
Patent Number:	8733348
Patent Number:	9867959
Patent Number:	10168046
Patent Number:	9205220
Patent Number:	9242064
Patent Number:	9642979
Patent Number:	9289572
Patent Number:	9272113
Patent Number:	9022023
Patent Number:	10086153
Patent Number:	9539407
Patent Number:	9446211
Patent Number:	11135383
Patent Number:	9433527
Patent Number:	9439803
Patent Number:	10357396
Patent Number:	9248252
Patent Number:	10130786
Patent Number:	7148806
Patent Number:	7837652
Patent Number:	8033280
Patent Number:	6878335
Patent Number:	8186347
Patent Number:	7771350
Patent Number:	7014449
Patent Number:	9182064
Patent Number:	8222768
Patent Number:	8414481

Property Type	Number
Patent Number:	9439560
Patent Number:	9233198
Patent Number:	9283344
Patent Number:	9238118
Patent Number:	9283345
Patent Number:	9555208
Patent Number:	10688267
Patent Number:	9919122
Patent Number:	11007338
Patent Number:	10369313
Patent Number:	11291780
Patent Number:	D809126
Patent Number:	D830536
Patent Number:	D796668
Patent Number:	D817487
Patent Number:	D844780
Patent Number:	10463821
Patent Number:	9067036
Patent Number:	D822824
Patent Number:	11600365
Patent Number:	11298492
Patent Number:	10252016
Patent Number:	11324909
Patent Number:	11331446
Patent Number:	10589047
Patent Number:	D825740
Patent Number:	D976393
Patent Number:	D848606
Patent Number:	D892306
Patent Number:	D929572
Patent Number:	D898188
Patent Number:	D930151
Patent Number:	D862687
Application Number:	16854780
Application Number:	13105782
Application Number:	16991728
Application Number:	13650037
Application Number:	13801334

Property Type	Number
Application Number:	17213988
Application Number:	16460840
Application Number:	17712014
Application Number:	16478099
Application Number:	16218388
Application Number:	18118090
Application Number:	16898228
Application Number:	17739002
Application Number:	29511716
Application Number:	17743359
Application Number:	16526876
Application Number:	17955530
Application Number:	17764506
Application Number:	17764129
Application Number:	17798054
Application Number:	29861714
Application Number:	17572494

CORRESPONDENCE DATA

Fax Number: (617)979-9301

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: 6179799376

Email: christine.slattery@whitecase.com

Correspondent Name: CHRISTINE SLATTERY, SENIOR LEGAL ASSIST.

Address Line 1: WHITE & CASE LLP

Address Line 2: 75 STATE STREET

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	1894880.0006
NAME OF SUBMITTER:	CHRISTINE SLATTERY
SIGNATURE:	/Christine Slattery/
DATE SIGNED:	06/29/2023

Total Attachments: 9

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ASSIGNMENT FOR SECURITY — PATENTS

June 29, 2023

WHEREAS, SUNMED GROUP HOLDINGS, LLC, a Delaware limited liability company (the “Assignor”) holds all right, title and interest in the letter patents, design patents and utility patents listed on the attached Schedule A, which patents are issued or applied for in the United States Patent and Trademark Office (the “Patents”);

WHEREAS, the Assignor has entered into that certain Pledge and Security Agreement, dated June 16, 2021 (as amended, restated, amended and restated, supplemented, modified or otherwise changed from time to time, the “Security Agreement”), in favor of MACQUARIE CAPITAL FUNDING LLC, a Delaware limited liability company, as the Administrative Agent for itself and certain lenders (in such capacity, together with its successors and assigns, if any, the “Assignee”); and

WHEREAS, pursuant to the Security Agreement, the Assignor has assigned to the Assignee and granted to the Assignee for the benefit of the Secured Parties (as defined in the Security Agreement), a continuing security interest in all right, title and interest of the Assignor in, to and under the Patents and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the “Collateral”), to secure the payment, performance and observance of the Secured Obligations (as defined in the Security Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby pledge, convey, sell, assign, transfer and set over unto the Assignee and grants to the Assignee for the benefit of the Assignee and the Secured Parties a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

The Assignor does hereby further acknowledge and affirm that the rights and remedies of the Assignee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

[Signature page follows]

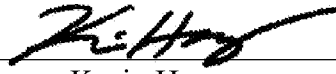
IN WITNESS WHEREOF, the Assignor has caused this Assignment to be duly executed by its officer thereunto duly authorized as of the date first written above.

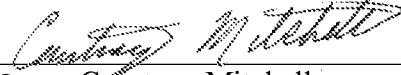
SUNMED GROUP HOLDINGS, LLC

DocuSigned by:
By: 
Name: Hendrik Struik
Title: Chief Executive Officer

[ASSIGNMENT FOR SECURITY – PATENTS / SUNMED GROUP HOLDINGS]

MACQUARIE CAPITAL FUNDING LLC,
as Administrative Agent

By: 
Name: Kevin Hwang
Title: Authorized Signatory

By: 
Name: Courtney Mitchell
Title: Authorized Signatory

Schedule A

	Title	Country	Application Number	Patent Number
1.	MEDICATION BYPASS HEAT AND MOISTURE EXCHANGE UNIT	US	10/282,418	6,976,488
2.	Small Volume Nebulizer	US	10/223,394	7,267,120
3.	Inhalation Apparatus	US	10/846,415	7,721,734
4.	Nebulizer With Flow-Based Fluidic Control And Related Methods	US	11/729,608	7,841,335
5.	NEBULIZER WITH PRESSURE-BASED FLUIDIC CONTROL AND RELATED METHODS	US	11/729,720	7,841,336
6.	Respiratory Therapy Device And Method	US	11/559,288	7,779,841
7.	Passive Respiratory Therapy Device	US	11/670,867	8,025,054
8.	Respiratory Therapy Device	US	13/246,320	8,534,284
9.	RESPIRATORY THERAPY SYSTEM WITH ELECTROMECHANICAL DRIVER	US	12/274,066	8365727
10.	Valve Assembly For Respiratory Systems	US	14/581,897	9,242,059
11.	Method And Device For Removing Fluid Material From The Airway Above An Endotracheal Tube Cuff	US	12/048,575	8,231,606
12.	Retainer Clip For Securing Breathing Devices	US	11/807,468	8,857,434
13.	Patient Interface Assembly For Respiratory Therapy	US	14/575,360	10,195,381
14.	Float Valve System For A Respiratory Humidification System	US	12/616,414	8,347,909
15.	Seal For Variable Compression Interfaces	US	12/725,278	9,339,626
16.	Humidification System	US	12/952,658	9,314,582
17.	Humidification System	US	15/018,163	10,646,683
18.	Humidification System	US	16/854,780	
19.	Interchangeable Inserts	US	13/105,793	8,783,252

	Title	Country	Application Number	Patent Number
20.	Non-Invasive Ventilation Facial Skin Protection	US	13/105,861	8,925,548
21.	Lateral Gas Line Configuration	US	13/105,807	8,910,635
22.	Carbon-Dioxide Sampling System For Accurately Monitoring Carbon Dioxide In Exhaled Breath	US	13/105,840	9,022,029
23.	Nasal Passage Opener Of A Ventilation Mask	US	13/105,773	8,887,727
24.	Quick Donning Headgear	US	13/105,821	9,044,562
25.	Non-Invasive Ventilation Facial Skin Protection	US	13/105,871	8,905,028
26.	Smart Connections	US	13/105,829	8,944,060
27.	Tube Placement In Non-Invasive Ventilation	US	13/105,848	8,915,250
28.	Non-Invasive Ventilation Exhaust Gas Venting	US	13/105,851	8,944,059
29.	Carbon-Dioxide Sampling Device For Noninvasively Measuring Carbon Dioxide In Exhaled Breath	US	13/105,782	
30.	Adjusting A Ventilation Mask	US	13/105,738	8,881,730
31.	Corrugated Flexible Seal Of A Ventilation Mask	US	13/105,757	8,695,602
32.	Maintaining A Water Level In A Humidification Component	US	13/250,991	9,212,673
33.	Humidifying Respiratory Gases	US	13/250,946	8733348
34.	Humidifying Respiratory Gases	US	14/286,849	9,867,959
35.	HUMIDIFYING RESPIRATORY GASES	US	16/991,728	
36.	Non-Metallic Humidification Component	US	13/251,030	10,168,046
37.	Fluted Heater Wire	US	13/250,894	9,205,220
38.	Capillary Heater Wire	US	13/539,234	9,242,064
39.	Fluted Heater Wire	US	14/932,858	9,642,979
40.	Humidifying Gas For Respiratory Therapy	US	13/251,081	9,289,572
41.	Transporting Liquid In A Respiratory Component	US	13/436,775	9,272,113

	Title	Country	Application Number	Patent Number
42.	BREATH ACTUATED NEBULIZER HAVING A PRESSURIZED GAS DIVERTER WITH A DIVERTER ORIFICE	US	13/539,204	9,022,023
43.	BREATH ACTUATED NEBULIZER HAVING A PRESSURIZED GAS DIVERTER WITH A DIVERTER ORIFICE	US	14/702,604	10,086,153
44.	Resuscitation Device	US	13/650,037	
45.	Adjustable Nebulizer Dispenser	US	13/720,877	9,539,407
46.	Resuscitation Device With Onboard Processor	US	13/829,281	9,446,211
47.	Resuscitation Device With Onboard Processor	US	16/013,830	11,135,383
48.	Compressive Patient Warming Device	US	13/801,270	9,433,527
49.	PATIENT WARMING DEVICE WITH PATIENT ACCESS	US	13/801,512	9,439,803
50.	PATIENT WARMING DEVICE WITH PATIENT ACCESS	US	15/233,839	10,357,396
51.	PATIENT WARMING AND DVT PREVENTION SYSTEM	US	13/801,334	
52.	Nebulizer Mouthpiece For Reducing Drug Loss	US	13/720,894	9,248,252
53.	Nebulizer Mouthpiece For Reducing Drug Loss	US	15/003,609	10,130,786
54.	Arrangement In Connection With A Patient Circuit And An Absorber Means	US	10/809,041	7,148,806
55.	Pressure Infusion Device And Process For Making A Pressure Infusion Device	US	11/451,192	7,837,652
56.	INHALATION ANAESTHESIA DELIVERY SYSTEM AND A METHOD FOR LEAK DETECTION IN THE INHALATION ANAESTHESIA DELIVERY SYSTEM	US	12/034,198	8,033,280

	Title	Country	Application Number	Patent Number
57.	Process Of Manufacturing A Breathing Bag And Breathing Bag Manufactured By Such Process	US	10/176,906	6,878,335
58.	Patient Breathing System	US	12/143,096	8,186,347
59.	Laryngoscope And Laryngoscope Handle Apparatus Including An Led And Which May Include An Ergonomic Handle	US	11/255,323	7,771,350
60.	Process And Apparatus For Forming Dual Hose Cuffs, Hose, E.G. Corrugated Hose, Provided With Cuffs, Hose Cuffs And Hose, E.G. Corrugated Hose, Provided With Cuffs Formed By Such Process	US	10/278,198	7,014,449
61.	Connector Structure And A Connector Structure Of A Sampling Tube Of A Patient Respiratory Tubing	US	13/346,764	9,182,064
62.	Methods And Apparatus For Powering Electric Devices Coupled To A Patient To Reduce Transients In Patient Monitoring Devices	US	12/684,487	8,222,768
63.	Laryngoscope	US	12/822,841	8,414,481
64.	Laryngoscope	US	13/793,610	9,439,560
65.	Fluid Trap And Method Of Separating Fluids	US	14/105,993	9,233,198
66.	APPARATUS, SYSTEM, AND METHOD OF FLUID DELIVERY CONNECTION	US	13/342,558	9,283,344
67.	Multiple Lumen Hose	US	13/596,453	9,238,118
68.	Apparatus For Fluid Tube	US	14/481,828	9,283,345
69.	Apparatus For Fluid Tube	US	15/045,173	9555208
70.	Apparatus For Fluid Tube	US	15/886,756	10,688,267
71.	Fluid Trap Apparatus	US	13/692,245	9,919,122
72.	Fluid Trap Apparatus	US	15/925,387	11,007,338
73.	Fluid Trap Apparatus	US	17/213,988	

	Title	Country	Application Number	Patent Number
74.	Airway Adapters And Suction Catheter Systems	US	14/821,438	10,369,313
75.	Airway Adapters And Suction Catheter Systems	US	16/460,840	
76.	BREATH-ACTUATED NEBULIZER FOR MEDICINE INHALATION	US	14/957,449	11,291,780
77.	BREATH-ACTUATED NEBULIZER FOR MEDICINE INHALATION	US	17/712,014	
78.	AIRWAY ADAPTER	US	29/535,621	D809,126
79.	AIRWAY ADAPTER	US	29/635,210	D830,536
80.	SUCTION CONTROL VALVE	US	29/535,625	D796,668
81.	SUCTION CONTROL VALVE	US	29/615,320	D817,487
82.	SUCTION CONTROL VALVE	US	29/644,708	D844,780
83.	SUCTION CATHETER ADAPTOR	US	15/354,860	10,463,821
84.	Removing Condensation From A Breathing Circuit	US	13/251,110	9,067,036
85.	INTRAVENOUS FLUID WARMING SYSTEM	US	16/478,099	
86.	SENSOR PORT	US	29/582,280	D822,824
87.	NASAL AND ORAL RESPIRATION SENSOR	US	16/218,388	
88.	NASAL AND ORAL RESPIRATION SENSOR	US	16/438,410	11600365
89.	NASAL AND ORAL RESPIRATION SENSOR	US	18/118,090	
90.	RESPIRATION SENSOR ATTACHMENT DEVICE	US	16/898,228	
91.	VENTILATION MASK	US	16/333,215	11,298,492
92.	VENTILATION MASK	US	17/572,494	
93.	VENTILATION MASK	US	15/272,160	10,252,016
94.	VENTILATION MASK	US	16/375,737	11,324,909
95.	VENTILATION MASK	US	17/739,002	
96.	SURGICAL MASK	US	29/511,716	
97.	VENTILATION MASK	US	15/127,759	11,331,446
98.	VENTILATION MASK	US	17/743,359	

	Title	Country	Application Number	Patent Number
99.	COMBINED NASAL AND MOUTH VENTILATION MASK	US	15/272,190	10,589,047
100.	SURGICAL MASK	US	29/530,124	D825,740
101.	SURGICAL MASK	US	29/657,380	D862,687S1
102.	SURGICAL MASK	US	29/702,204	D976393
103.	SURGICAL MASK	US	29/861,714	
104.	SURGICAL MASK	US	29/583,554	D848,606
105.	SURGICAL MASK	US	29/689,383	D892306
106.	SURGICAL MASK	US	29/744,154	D929,572
107.	SURGICAL MASK	US	29/626,489	D898,188
108.	SURGICAL MASK	US	29/753,866	D930,151
109.	VENTILATION MASK	US	16/526,876	
110.	VENTILATION MASK	US	17/955,530	
111.	NASAL CANNULA WITH INTEGRATED NEBULIZER	US	17/764,506	
112.	PRINTED ELECTRONICS BREATH INDICATOR	US	17/764,129	
113.	DRUG DELIVERY HUB FOR VENTILATION MASK	US	17/798,054	