

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5326830

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KINGSTON RESPIRATORY 102 LLC	09/29/2016
RECEIVING PARTY DATA	
Name:	KINGSTON RESPIRATORY CAPITAL LLC
Street Address:	1 BECTON DRIVE, MC 091
City:	FRANKLIN LAKES
State/Country:	NEW JERSEY
Postal Code:	07417
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16247533
CORRESPONDENCE DATA	
Fax Number:	(714)830-0700
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	714.830.0600
Email:	kimila.carraway@morganlewis.com, BDPros@morganlewis.com
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP
Address Line 1:	600 ANTON BOULEVARD, SUITE 1800
Address Line 4:	COSTA MESA, CALIFORNIA 92626-7653
ATTORNEY DOCKET NUMBER:	122294-1066
NAME OF SUBMITTER:	M. TODD HALES, REG. NO. 60,472
SIGNATURE:	/M. Todd Hales/
DATE SIGNED:	01/15/2019
Total Attachments: 14	
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ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS ("Assignment"), dated _____, 2016, is entered into by Kingston Respiratory 102 LLC, a company organized under the laws of Delaware having its principal place of business located at 1 Becton Drive, MC 091, Franklin Lakes, New Jersey 07417 ("Assignor"), and Kingston Respiratory Capital LLC, a company organized under the laws of Delaware, with a place of business at 1 Becton Drive, MC 091, Franklin Lakes, New Jersey 07417 ("Assignee").

R E C I T A L S:

WHEREAS, Assignor is the owner of those certain patent registrations and applications listed on Schedule A attached hereto and made a part hereof (the "Patents").

WHEREAS, pursuant to the Securities Purchase Agreement among Ariel EquityCo LP, Kingston Respiratory Corp. and Becton, Dickinson and Company dated as of March 7, 2016, and in connection with certain business restructurings as provided for therein, Assignor desires to sell, transfer, convey, assign and deliver to Assignee, and Assignee desires to acquire, all of Assignor's right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by Assignor, Assignor hereby conveys, assigns, transfers and delivers to Assignee and its successors and assigns its entire right, title and interest throughout the world in, to and under the Patents, along with (i) any other rights, priorities and privileges provided under United States, state or foreign law, or multinational law, compact, treaty, protocol, convention or organization with respect to the Patents ("Related Rights"), (ii) all reissues, divisions, re-examinations, revisions, renewals, extensions, provisionals, continuations and continuations-in-part and foreign counterparts thereof ("Reissues"), and (iii) in each case of any of the foregoing rights, together with all rights and remedies, in law and in equity, against past, present, and future infringement or other violation thereof. Assignee and its successors and assigns shall hold the rights to the foregoing for and during the existence of such Patents and Related Rights and all Reissues thereof as fully and as entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby authorizes and requests the Commissioner for Patents (and, with respect to any equivalent foreign rights, any other appropriate foreign or international office or registrar) to record Assignee as owner of the Patents and to issue any and all Patents to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

Assignor agrees to take, at Assignee's expense, such further action and execute such additional documents as reasonably requested by Assignee to perfect Assignee's title in and to the Patents and to carry out and fulfill the purposes and intent of this Assignment of Patents.

The rights and obligations of Assignor and Assignee shall be governed by, and this Assignment shall be interpreted, construed and enforced in accordance with, the laws of the State of Delaware excluding its conflict of laws rules to the extent such rules would apply the law of another jurisdiction.

This Assignment may be signed in any number of counterparts, including facsimile copies thereof or electronic scan copies thereof delivered by electronic mail, each of which shall be deemed an original, with the same effect as if the signatures thereto and hereto were upon the same instrument.

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

Kingston Respiratory 102 LLC

By: [Signature]

Name: David Highet

Title: Assistant Secretary

[[STATE OF New Jersey)
)ss.
COUNTY OF Bergen)

On Sep 29, 2016, before me, the undersigned, a Notary Public in and for such State, personally appeared David Highet, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as Assistant Secretary (title) of Kingston Respiratory 102 LLC and acknowledged to me that such corporation executed the within instrument pursuant to its bylaws or a resolution of its Board of Directors.

WITNESS my hand and official seal.

[SEAL]

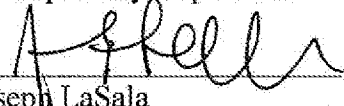
[Signature]
Notary Public

My Commission expires on: 8-10-19

DONNA M. BAUMANN
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES AUGUST 10, 2019

Accepted by:

Kingston Respiratory Capital LLC

By: 

Name: Joseph LaSala

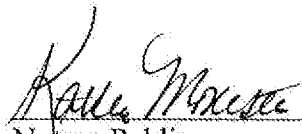
Title: Assistant Secretary

[[STATE OF NY)
)ss.
COUNTY OF Beaver)

On Sept. 29, 2016, before me, the undersigned, a Notary Public in and for such State, personally appeared Joseph LaSala, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as Assistant Secretary (title) of Kingston Respiratory Capital LLC and acknowledged to me that such corporation executed the within instrument pursuant to its bylaws or a resolution of its Board of Directors.

WITNESS my hand and official seal.

[SEAL]


Notary Public

My Commission expires on: _____]

KATHLEEN MONESTERI
NOTARY PUBLIC OF NEW JERSEY
ID # 2419005
My Commission Expires 3/28/2017

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SCHEDULE A
TO
ASSIGNMENT OF PATENTS

Table 1 of 2

Number	Case reference	Inventor name	Filing Number	Grant Number
1	MS.P14.0032-BR-NP	A Method For Controlling Mechanical Lung Ventilation	BR 10 2015 008084-0	
2	MS.P14.0032-US-NP	A Method For Controlling Mechanical Lung Ventilation	14/251,494	
3	MS.P14.0032-WO-PCT	A Method For Controlling Mechanical Lung Ventilation	PCT/US2015/021591	
4	MS.P14.0041-BR-NP	A Method For Controlling Mechanical Lung Ventilation	BR 10 2015 008049-2	
5	MS.P14.0041-US-NP	A Method For Controlling Mechanical Lung Ventilation	14/251,509	
6	MS.P14.0041-WO-PCT	A Method For Controlling Mechanical Lung Ventilation	PCT/US2015/021590	
7	MS.P14.0042-BR-NP	Lung Ventilation Apparatus	BR1020150080506	
8	MS.P14.0042-US-NP	Lung Ventilation Apparatus	14/251,548	
9	MS.P14.0042-WO-PCT	Lung Ventilation Apparatus	PCT/US2015/021589	

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REEL: 040372 FRAME: 0969

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Table 2 of 2

Number	Case reference	Inventor title	filing Number	Grant Number
1	C89068.21660-US-CIP	Sealing Nasal Cannula	12/099,395	
2	IRS.P10.0024-AU-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	2011299456	
3	IRS.P10.0024-BR-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	1120130050357	
4	IRS.P10.0024-CA-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	2809817	
5	IRS.P10.0024-EP-EPT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	11823937.5	
6	IRS.P10.0024-JP-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	2013-528212	
7	IRS.P10.0024-MX-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	MX/a/2013/002438	
8	IRS.P10.0024-NZ-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	607273	607273
9	IRS.P10.0024-RU-PCT	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	2013109241	2567601
10	IRS.P10.0024-TW-NP	Ncpap To Lower Breathing Effort	100131909	
11	IRS.P10.0024-US-NP	A Nasal Continuous Positive Airway Pressure Device For Lowering Patient Work-Of-Breathing	12/880,041	8,813,746
12	IRS.P11.0011-ZA-PCT	Patient-Controlled Ventilation	2013/05542	

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REEL: 048016 FRAME: 0884

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Number	Case reference	Inventor / Title	Filing Number	Grant Number
13	IRS.P11.0012-AU-PCT	Patient Controlled Aerosolization Injection	2012212500	
14	IRS.P11.0012-BR-PCT	Patient Controlled Aerosolization Injection	1120130190779	
15	IRS.P11.0012-CA-PCT	Patient-Controlled Aerosol Administration	2825323	
16	IRS.P11.0012-CN-PCT	Patient Controlled Aerosolization Injection	201280007068.1	
17	IRS.P11.0012-EP-EPT	Patient Controlled Aerosolization Injection	12741871.3	
18	IRS.P11.0012-IN-PCT	Patient Controlled Aerosolization Injection	5760/CHENP/2013	
19	IRS.P11.0012-JP-PCT	Patient Controlled Aerosolization Injection	2013-551421	
20	IRS.P11.0012-MX-PCT	Patient-Controlled Aerosol Administration	MX/a/2013/008688	
21	IRS.P11.0012-RU-PCT	Patient Controlled Aerosolization Injection	2013135242	
22	IRS.P11.0012-US-NP	Patient Controlled Aerosolization Injection	13/018,258	
23	IRS.P11.0012-ZA-PCT	Patient-Controlled Aerosol Administration	2013/05541	
24	IRS.P12.0001-CA-PCT	Bi-Directional Ventilator Communication	2904004	
25	IRS.P12.0001-US-CIP	Ventilation System	13/830,830	

PATENT

REEL: 040372 FRAME: 0971

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REEL: 048016 FRAME: 0885

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Number	Case reference	Inventor/Title	Filing Number	Grant Number
26	IRS.P12.0001-US-CIP[2]	Ventilation Management System	13/830,730	
27	IRS.P12.0001-WO-PCT	Bi-Directional Ventilator Communication	PCT/US13/057860	
28	IRS.P12.0001-WO-PCT[2]	Bi-Directional Ventilator Communication	PCT/US13/057862	
29	IRS.P12.0001-WO-PCT[3]	Bi-Directional Ventilator Communication	PCT/US2012063119	
30	IRS.P12.0029-US-CIP	Respiratory Knowledge Portal	13/756,421	
31	IRS.P12.0029-WO-PCT	Respiratory Knowledge Portal	PCT/US2013048734	
32	IRS.P12.0035-US-CIP	Tracking Ventilator Information For Reporting A Ventilator-Associated Event	13/672,036	
33	IRS.P12.0291-AU-PCT	Low-Noise Blower	2014302307	
34	IRS.P12.0291-AU-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
35	IRS.P12.0291-BR-PCT	Low-Noise Blower	PCT/US14/044442	
36	IRS.P12.0291-BR-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
37	IRS.P12.0291-CA-PCT	Low-Noise Blower	PCT/US14/044442	
38	IRS.P12.0291-CA-PCT[2]	Low-Noise Blower	PCT/US2014/044743	

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Number	Case reference	Trademark	Filing number	Serial number
39	IRS.P12.0291-CN-PCT	Low-Noise Blower	PCT/US14/044442	
40	IRS.P12.0291-CN-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
41	IRS.P12.0291-EP-EPT	Low-Noise Blower	14742084.8	
42	IRS.P12.0291-EP-EPT[2]	Low-Noise Blower	14744689.2	
43	IRS.P12.0291-IN-PCT	Low-Noise Blower	PCT/US14/044442	
44	IRS.P12.0291-IN-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
45	IRS.P12.0291-JP-PCT	Low-Noise Blower	PCT/US14/044442	
46	IRS.P12.0291-JP-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
47	IRS.P12.0291-MX-PCT	Low-Noise Blower	PCT/US14/044442	
48	IRS.P12.0291-MX-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
49	IRS.P12.0291-RU-PCT	Low-Noise Blower	PCT/US14/044442	
50	IRS.P12.0291-RU-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
51	IRS.P12.0291-US-NP	Low-Noise Blower	13/931,465	

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REEL: 048016 FRAME: 0887

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Number	Case (Country)	Original Title	Filing Number	Grant Number
52	IRS.P12.0291-WO-PCT	Low-Noise Blower	PCT/US14/044442	
53	IRS.P12.0291-WO-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
54	IRS.P12.0291-ZA-PCT	Low-Noise Blower	PCT/US14/044442	
55	IRS.P12.0291-ZA-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
56	IRS.P13.0041-AU-PCT	Flow Sensor	2014302306	
57	IRS.P13.0041-BR-PCT	Flow Sensor	PCT/US14/044441	
58	IRS.P13.0041-CA-PCT	Flow Sensor	PCT/US14/044441	
59	IRS.P13.0041-CN-PCT	Flow Sensor	PCT/US14/044441	
60	IRS.P13.0041-EP-EPT	Flow Sensor	14742083	
61	IRS.P13.0041-IN-PCT	Flow Sensor	4096/KOLNP/2015	
62	IRS.P13.0041-JP-PCT	Flow Sensor	PCT/US14/044441	
63	IRS.P13.0041-MX-PCT	Flow Sensor	PCT/US14/044441	
64	IRS.P13.0041-RU-PCT	Flow Sensor	PCT/US14/044441	

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REEL: 048016 FRAME: 0888

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Number	Case Reference	Inventor(s)	Filing Number	Grant Number
65	IRS.P13.0041-US-NP	Flow Sensor	13/931,486	
66	IRS.P13.0041-WO-PCT	Flow Sensor	PCT/US14/044441	
67	IRS.P13.0041-ZA-PCT	Flow Sensor	PCT/US14/044441	
68	IRS.P13.0047-AU-PCT	Modular Flow Cassette	PCT/US14/044438	
69	IRS.P13.0047-BR-PCT	Modular Flow Cassette	PCT/US14/044438	
70	IRS.P13.0047-CA-PCT	Modular Flow Cassette	PCT/US14/044438	
71	IRS.P13.0047-CN-PCT	Modular Flow Cassette	PCT/US14/044438	
72	IRS.P13.0047-EP-EPT	Modular Flow Cassette	14742082.2	
73	IRS.P13.0047-IN-PCT	Modular Flow Cassette	PCT/US14/044438	
74	IRS.P13.0047-JP-PCT	Modular Flow Cassette	PCT/US14/044438	
75	IRS.P13.0047-MX-PCT	Modular Flow Cassette	PCT/US14/044438	
76	IRS.P13.0047-RU-PCT	Modular Flow Cassette	PCT/US14/044438	
77	IRS.P13.0047-US-NP	Modular Flow Cassette	13/931,566	

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REEL: 040372 FRAME: 0975

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REEL: 048016 FRAME: 0889

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Number	Case reference	Inventor Title	Filing Number	Grant Number
78	IRS.P13.0047-WO-PCT	Modular Flow Cassette	PCT/US14/044438	
79	IRS.P13.0047-ZA-PCT	Modular Flow Cassette	PCT/US14/044438	
80	IRS.P13.0054-AU-PCT	Ventilator Exhalation Flow Valve	2014302094	
81	IRS.P13.0054-BR-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
82	IRS.P13.0054-CA-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
83	IRS.P13.0054-CN-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
84	IRS.P13.0054-EP-PCT	Ventilator Exhalation Flow Valve	14742096.2	
85	IRS.P13.0054-IN-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
86	IRS.P13.0054-JP-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
87	IRS.P13.0054-MX-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
88	IRS.P13.0054-RU-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
89	IRS.P13.0054-US-NP	Ventilator Exhalation Flow Valve	13/931,418	
90	IRS.P13.0054-WO-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	

PATENT

REEL: 040372 FRAME: 0976

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REEL: 048016 FRAME: 0890

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Number	Case reference	Internal title	Patent Number	Grant Number
91	IRS.P13.0054-ZA-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
92	IRS.P13.0558-AU-PCT	Fluid Inlet Adapter	PCT/US14/044737	
93	IRS.P13.0558-BR-PCT	Fluid Inlet Adapter	PCT/US14/044737	
94	IRS.P13.0558-CA-PCT	Fluid Inlet Adapter	PCT/US14/044737	
95	IRS.P13.0558-CN-PCT	Fluid Inlet Adapter	PCT/US14/044737	
96	IRS.P13.0558-EP-EPT	Fluid Inlet Adapter	14742098.8	
97	IRS.P13.0558-IN-PCT	Fluid Inlet Adapter	PCT/US14/044737	
98	IRS.P13.0558-JP-PCT	Fluid Inlet Adapter	PCT/US14/044737	
99	IRS.P13.0558-MX-PCT	Fluid Inlet Adapter	PCT/US14/044737	
100	IRS.P13.0558-RU-PCT	Fluid Inlet Adapter	PCT/US14/044737	
101	IRS.P13.0558-US-NP	Fluid Inlet Adapter	13/931,496	
102	IRS.P13.0558-WO-PCT	Fluid Inlet Adapter	PCT/US14/044737	
103	IRS.P13.0558-WO-PCT[2]	Fluid Inlet Adapter	PCT/US2015/038155	

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Number	Classification	Invention Title	Offices Entered	Grant Number
104	IRS.P13.0558-ZA-PCT	Fluid Inlet Adapter	PCT/US14/044737	
105	PAT-00090-US-CIP	Ventilator System	14/318,504	
106	PAT-00090-WO-PCT	Ventilator System	PCT/US2015/038159	
107	PAT-00091-US-CIP	VENTILATOR EXHALATION FLOW VALVE	14/318,274	
108	PAT-00091-WO-PCT	VENTILATOR EXHALATION FLOW VALVE	PCT/US2015/038157	
109	PAT-00092-US-CIP	FLUID INLET ADAPTER	14/318,285	
110	PAT-00092-WO-PCT	FLUID INLET ADAPTER	PCT/US2015/038155	
111	PAT-00122-EP-EPT	Ventilation Management System	13878057.2	
112	PAT-00122-US-CIP	Ventilation Management System	13/830,730	
113	PAT-00122-WO-PCT	Ventilation Management System	PCT/US13/057860	
114	PAT-00123-US-CIP	Ventilation System	13/830,830	
115	PAT-00123-WO-PCT	Ventilation System	PCT/US13/057862	

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 DM_US 76392636-1 080625 0010

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REEL: 048016 FRAME: 0892

RECORDED: 01/15/2019