

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5326824

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CAREFUSION 303, INC.	09/28/2016
RECEIVING PARTY DATA		
Name:	CAREFUSION 2200, INC.	
Street Address:	3750 TORREY VIEW COURT	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92130	
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: 15		
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ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS ("Assignment"), dated _____, 2016, is entered into by CareFusion 303, Inc., a company organized under the laws of Delaware having its principal place of business located at 3750 Torrey View Court, San Diego, California 92130 ("Assignor"), and CareFusion 2200, Inc., a company organized under the laws of Delaware, with a place of business at 3750 Torrey View Court, San Diego, California 92130 ("Assignee").

RECITALS:

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.

Confidential

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.

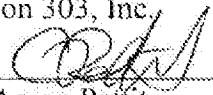
This Assignment may be signed in any number of counterparts, including facsimile copies thereof or electronic scan copies thereof delivered by electronic mail, each of which shall be deemed an original, with the same effect as if the signatures thereto and hereto were upon the same instrument.

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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.

CareFusion 303, Inc.

By: 

Name: Aaron Pettit

Title: Vice President and Deputy Chief Compliance Officer

[[STATE OF New Jersey

COUNTY OF Bergen

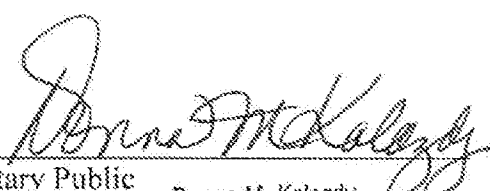
)
)ss.
)

On September 28, 2016, before me, the undersigned, a Notary Public in and for such State, personally appeared Aaron Pettit, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as Vice President and Deputy Chief Compliance Officer (title) of CareFusion 303, Inc., 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]

My Commission expires on: _____


Notary Public Donna M. Kalazdy
Notary Public of New Jersey
My Commission Expires January 3, 2018

Accepted by:

CareFusion 2200, Inc.

By: [Signature]
Name: David W. Highet
Title: Assistant Secretary

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

On September 28, 2016, before me, the undersigned, a Notary Public in and for such State, personally appeared David W. 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 CareFusion 2200, Inc., 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]

My Commission expires on:

[Signature]
Notary Public
Donna M. Kalazdy
Notary Public of New Jersey
My Commission Expires January 3, 2018

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SCHEDULE A
TO
ASSIGNMENT OF PATENTS

Number	Case reference	Internal 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

PATENT

REEL: 040372 FRAME: 0860

PATENT

REEL: 048016 FRAME: 0839

Confidential

Number	Case reference	Internal title	Filing Number	Grant Number
12	IRS.P11.0011-ZA-PCT	Patient-Controlled Ventilation	2013/05542	
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	

PATENT

REEL: 040372 FRAME: 0861

PATENT

REEL: 048016 FRAME: 0840

Confidential

Number	Case reference	Internal Title	Filing Number	Grant Number
25	IRS.P12.0001-US-CIP	Ventilation System	13/830,830	
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	PCTUS2012063119	
30	IRS.P12.0029-US-CIP	Respiratory Knowledge Portal	13/756,421	
31	IRS.P12.0029-WO-PCT	Respiratory Knowledge Portal	PCTUS2013048734	
32	IRS.P12.0035-US-CIP	Tracking Ventilator Information For Reporting A Ventilator-Associated Event	13/672,036	
33	IRS.P12.0261-US-NP	Adjustable Nebulizer Dispenser	13/720,877	
34	IRS.P12.0263-AU-PCT	Nebulizer With Integrated Breathing Incentive	2013363363	
35	IRS.P12.0263-CA-PCT	Nebulizer With Integrated Breathing Incentive	2894529	
36	IRS.P12.0263-CN-PCT	Nebulizer With Integrated Breathing Incentive	CN104684109	
37	IRS.P12.0263-EP-EPT	Nebulizer With Integrated Breathing Incentive	13818871.9	

PATENT

REEL: 040372 FRAME: 0862

PATENT

REEL: 048016 FRAME: 0841

Confidential

Number	Case reference	Internal Title	Filing Number	Grant Number
38	IRS.P12.0263-MX-PCT	Nebulizer With Integrated Breathing Incentive	Mx/a/2015/007542	
39	IRS.P12.0263-US-NP	Nebulizer With Integrated Breathing Incentive	13/7720,870	
40	IRS.P12.0263-WO-PCT	Nebulizer With Integrated Breathing Incentive	PCT/US13/074439	
41	IRS.P12.0291-AU-PCT	Low-Noise Blower	2014302307	
42	IRS.P12.0291-AU-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
43	IRS.P12.0291-BR-PCT	Low-Noise Blower	PCT/US14/044442	
44	IRS.P12.0291-BR-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
45	IRS.P12.0291-CA-PCT	Low-Noise Blower	PCT/US14/044442	
46	IRS.P12.0291-CA-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
47	IRS.P12.0291-CN-PCT	Low-Noise Blower	PCT/US14/044442	
48	IRS.P12.0291-CN-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
49	IRS.P12.0291-EP-EPT	Low-Noise Blower	14742084.8	
50	IRS.P12.0291-EP-EPT[2]	Low-Noise Blower	14744689.2	

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REEL: 040372 FRAME: 0863

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Number	Case reference	Internal title	Filing Number	Grant Number
51	IRS.P12.0291-IN-PCT	Low-Noise Blower	PCT/US14/044442	
52	IRS.P12.0291-IN-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
53	IRS.P12.0291-JP-PCT	Low-Noise Blower	PCT/US14/044442	
54	IRS.P12.0291-JP-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
55	IRS.P12.0291-MX-PCT	Low-Noise Blower	PCT/US14/044442	
56	IRS.P12.0291-MX-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
57	IRS.P12.0291-RU-PCT	Low-Noise Blower	PCT/US14/044442	
58	IRS.P12.0291-RU-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
59	IRS.P12.0291-US-NP	Low-Noise Blower	13/931,465	
60	IRS.P12.0291-WO-PCT	Low-Noise Blower	PCT/US14/044442	
61	IRS.P12.0291-WO-PCT[2]	Low-Noise Blower	PCT/US2014/044743	
62	IRS.P12.0291-ZA-PCT	Low-Noise Blower	PCT/US14/044442	
63	IRS.P12.0291-ZA-PCT[2]	Low-Noise Blower	PCT/US2014/044743	

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REEL: 040372 FRAME: 0864

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REEL: 048016 FRAME: 0843

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Number	Case reference	Internal Title	Filing Number	Grant Number
64	IRS.P13.0030-AU-PCT	Apparatus And Method For Reducing Drug Loss During Nebulization	2013363364	
65	IRS.P13.0030-CA-PCT	Apparatus And Method For Reducing Drug Loss During Nebulization	2894531	
66	IRS.P13.0030-CN-PCT	Apparatus And Method For Reducing Drug Loss During Nebulization	CN104884109	
67	IRS.P13.0030-EP-EPT	Apparatus And Method For Reducing Drug Loss During Nebulization	13818872.7	
68	IRS.P13.0030-US-CNT	Nebulizer Mouthpiece For Reducing Drug Loss	15/003,609	
69	IRS.P13.0030-US-NP	Nebulizer Mouthpiece For Reducing Drug Loss	13/720,894	9,248,252
70	IRS.P13.0030-WO-PCT	Apparatus And Method For Reducing Drug Loss During Nebulization	PCT/US13/074441	
71	IRS.P13.0041-AU-PCT	Flow Sensor	2014302306	
72	IRS.P13.0041-BR-PCT	Flow Sensor	PCT/US14/044441	
73	IRS.P13.0041-CA-PCT	Flow Sensor	PCT/US14/044441	
74	IRS.P13.0041-CN-PCT	Flow Sensor	PCT/US14/044441	
75	IRS.P13.0041-EP-EPT	Flow Sensor	14742083	
76	IRS.P13.0041-IN-PCT	Flow Sensor	4096/KOLNP/2015	

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REEL: 040372 FRAME: 0865

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REEL: 048016 FRAME: 0844

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Number	Case reference	Internal Title	Filing Number	Grant Number
77	IRS.P13.0041-JP-PCT	Flow Sensor	PCT/US14/044441	
78	IRS.P13.0041-MX-PCT	Flow Sensor	PCT/US14/044441	
79	IRS.P13.0041-RU-PCT	Flow Sensor	PCT/US14/044441	
80	IRS.P13.0041-US-NP	Flow Sensor	13/931,486	
81	IRS.P13.0041-WO-PCT	Flow Sensor	PCT/US14/044441	
82	IRS.P13.0041-ZA-PCT	Flow Sensor	PCT/US14/044441	
83	IRS.P13.0047-AU-PCT	Modular Flow Cassette	PCT/US14/044438	
84	IRS.P13.0047-BR-PCT	Modular Flow Cassette	PCT/US14/044438	
85	IRS.P13.0047-CA-PCT	Modular Flow Cassette	PCT/US14/044438	
86	IRS.P13.0047-CN-PCT	Modular Flow Cassette	PCT/US14/044438	
87	IRS.P13.0047-EP-EPT	Modular Flow Cassette	14742082.2	
88	IRS.P13.0047-IN-PCT	Modular Flow Cassette	PCT/US14/044438	
89	IRS.P13.0047-JP-PCT	Modular Flow Cassette	PCT/US14/044438	

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Number	Case reference	Internal Title	Filing Number	Grant Number
90	IRS.P13.0047-MX-PCT	Modular Flow Cassette	PCT/US14/044438	
91	IRS.P13.0047-RU-PCT	Modular Flow Cassette	PCT/US14/044438	
92	IRS.P13.0047-US-NP	Modular Flow Cassette	13/931,566	
93	IRS.P13.0047-WO-PCT	Modular Flow Cassette	PCT/US14/044438	
94	IRS.P13.0047-ZA-PCT	Modular Flow Cassette	PCT/US14/044438	
95	IRS.P13.0054-AU-PCT	Ventilator Exhalation Flow Valve	2014302094	
96	IRS.P13.0054-BR-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
97	IRS.P13.0054-CA-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
98	IRS.P13.0054-CN-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
99	IRS.P13.0054-EP-EPT	Ventilator Exhalation Flow Valve	14742096.2	
100	IRS.P13.0054-IN-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
101	IRS.P13.0054-JP-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
102	IRS.P13.0054-MX-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	

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Number	Case reference	Internal Title	Filing Number	Grant Number
103	IRS.P13.0054-RU-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
104	IRS.P13.0054-US-NP	Ventilator Exhalation Flow Valve	13/931,418	
105	IRS.P13.0054-WO-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
106	IRS.P13.0054-ZA-PCT	Ventilator Exhalation Flow Valve	PCT/US14/044724	
107	IRS.P13.0558-AU-PCT	Fluid Inlet Adapter	PCT/US14/044737	
108	IRS.P13.0558-BR-PCT	Fluid Inlet Adapter	PCT/US14/044737	
109	IRS.P13.0558-CA-PCT	Fluid Inlet Adapter	PCT/US14/044737	
110	IRS.P13.0558-CN-PCT	Fluid Inlet Adapter	PCT/US14/044737	
111	IRS.P13.0558-EP-EPT	Fluid Inlet Adapter	14742098.8	
112	IRS.P13.0558-IN-PCT	Fluid Inlet Adapter	PCT/US14/044737	
113	IRS.P13.0558-JP-PCT	Fluid Inlet Adapter	PCT/US14/044737	
114	IRS.P13.0558-MX-PCT	Fluid Inlet Adapter	PCT/US14/044737	
115	IRS.P13.0558-RU-PCT	Fluid Inlet Adapter	PCT/US14/044737	

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REEL: 048016 FRAME: 0847

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Number	Case reference	Internal Title	Filing Number	Grant Number
116	IRS.P13.0558-US-NP	Fluid Inlet Adapter	13/931,496	
117	IRS.P13.0558-WO-PCT	Fluid Inlet Adapter	PCT/US14/044737	
118	IRS.P13.0558-WO-PCT[2]	Fluid Inlet Adapter	PCT/US2015/038155	
119	IRS.P13.0558-ZA-PCT	Fluid Inlet Adapter	PCT/US14/044737	
120	PAT-00090-US-CIP	Ventilator System	14/318,504	
121	PAT-00090-WO-PCT	Ventilator System	PCT/US2015/038159	
122	PAT-00091-US-CIP	VENTILATOR EXHALATION FLOW VALVE	14/318,274	
123	PAT-00091-WO-PCT	VENTILATOR EXHALATION FLOW VALVE	PCT/US2015/038157	
124	PAT-00092-US-CIP	FLUID INLET ADAPTER	14/318,285	
125	PAT-00092-WO-PCT	FLUID INLET ADAPTER	PCT/US2015/038155	
126	PAT-00122-EP-EPT	Ventilation Management System	13878057.2	
127	PAT-00122-US-CIP	Ventilation Management System	13/830,730	
128	PAT-00122-WO-PCT	Ventilation Management System	PCT/US13/057860	

PATENT

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Number	Case reference	Internal Title	Filing Number	Grant Number
129	PAT-00123-US-CIP	Ventilation System	13/830,830	
130	PAT-00123-WO-PCT	Ventilation System	PCT/US13/057862	

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