Docket No.: 0018323.00088 02-25-2004 FORM PTO-1595 (Modified) SHEET U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 102677295 ______ ▼ ____ ▼ ____ ▼ ____ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ____ ▼ ____ ▼ ___ ▼ ___ ▼ ___ ▼ ___ ▼ ____ ▼ ____ ▼ ___ ▼ ___ ▼ ____ ▼ ____ ▼ ___ ▼ ____ ▼ ___ ▼ ____ ▼ ____ ▼ ____ ▼ ____ ▼ ____ ▼ __ Tab settings → → To the Director of the United State. . Name of conveying party(ies): Name and address of receiving party(ies): 2.13.00 Jeffrey A. Kline Name: The Charlotte-Mecklenburg Hospital Authority Address: P.O. Box 32861 ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger City: Charlotte ☐ Security Agreement ☐ Change of Name State/Prov.: NC ☐ Other Country: US Execution Date: February 13, 2004 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or patent numbers(s): February 13, 2004 Patent Application No. Filing date B. Patent No.(s) ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: James D. Wright 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Kennedy Covington Lobdell & Hickman, LLP Authorized to be charged to deposit account Hearst Tower, 47th Floor 10778477 214 N. Tryon Street 8. Deposit account number: City: Charlotte 18-1215 State/Prov.: NC ZIP: 28202 Country: US (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document of the original document. James D. Wright February 13, 2004 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014999 FRAME: 0283

ASSIGNMENT

WHEREAS,

Jeffrey A. Kline 12026 Matthew Martin Lane Charlotte, North Carolina 28216

(hereinafter "Assignor") has invented certain new and useful improvements and/or designs (hereinafter "Invention"), for a full description of which reference is here made to a patent application entitled:

DEVICE AND METHOD FOR COLLECTION OF EXHALED ALVEOLAR BREATH CONDENSATE

for which an application for United States Letters Patent was executed by Jeffrey A. Kline on February ______, 2004 and filed in the United States Patent Office concurrently herewith (hereinafter "Application"); and

WHEREAS,

The Charlotte-Mecklenburg Hospital Authority P.O. Box 32861 Charlotte, North Carolina 28232-2861

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in, to, and under the Invention and the Application, and in, to, and under any and all patents that may be obtained for the Invention, together with all foreign rights corresponding thereto;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has agreed to sell, assign, transfer and convey, and by these presents do hereby sell, assign, transfer and convey, unto Assignee the entire right, title, and interest in, to and under:

- The Invention and the Application;
- Any patent of the United States of America that may be obtained for the Invention:
- Any corresponding applications for patent of the Invention in any and all foreign countries; and

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PATENT REEL: 014999 FRAME: 0284 Any reissue, extension, renewal, substitution, confirmation, division, continuation and the like of any of the foregoing (hereinafter collectively "Invention Rights").

FURTHERMORE,

Assignor hereby covenants and agrees, and binds any and all heirs, administrators, legal representatives, and assigns, to assist and cooperate with Assignee in the preparation and prosecution of any application included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any application or patent included within the Invention Rights and, further, to execute and deliver to Assignee any and all additional petitions, oaths, assignments, or other papers or instruments that may be requested by Assignee for the purpose of implementing the terms of this Agreement.

Assignor hereby authorizes and empowers Assignee to invoke and claim for any application or patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular foreign country, and to invoke and claim such rights without further written or oral authorization from Assignor.

Assignor hereby consents and agrees that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular foreign country for any purpose and, more particularly, in proof of the right of Assignee to claim the aforesaid benefit of the right of priority.

Assignor covenants and agrees that this Assignment and all the terms thereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Finally, Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office to issue any patent included within the Inventions Rights to Assignee.

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| This the13th day of | February 2004. | |
|---|---|---------------------------|
| Vine | | |
| Jeffrey A. Kline (Assignor) | | • |
| Witness #1 Signature | Witness #2 Signature | |
| Witness # 1 Name | Witness #2 Name | |
| Witness #1 Address | Witness #2 Address | |
| Witness #1 Address | Witness #2 Address | |
| State of North Carolic Country of Mecklenbo | NOTARIZATION | |
| United States of America | | |
| person who executed the foregoing documer | 2004, appeared before me the above-iden int, and who ecknowledged that he/she signed it as a free a tified corporation or other juristic entity, and with authority | itified ct on to do |
| | Martha B. Caypenter Notary Public My Commission Expires: July 23 2005 | |
| | My Commission Expires: July 23 2005 | 5 |
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RECORDED: 02/13/2004

REEL: 014999 FRAME: 0286