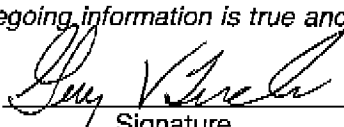


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| Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼ | RECORDATION FORM COVER SHEET PATENTS ONLY | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | |
| 1. Name of conveying party(ies): <u>John S. Patton</u> <u>Michael T. Newhouse</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Inhale Therapeutic Systems, Inc.</u> Internal Address: _____ _____ Street Address: <u>150 Industrial Road</u> _____ City: <u>San Carlos</u> State: <u>CA</u> Zip: <u>94070</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>August 12, 2002</u> | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/175,145</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Guy V. Tucker</u> Internal Address: <u>Inhale Therapeutic Systems, Inc.</u> _____ _____ Street Address: <u>150 Industrial Road</u> _____ City: <u>San Carlos</u> State: <u>CA</u> Zip: <u>94070</u> | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>500348</u> (Attach duplicate copy of this page if paying by deposit account) | |
| DO NOT USE THIS SPACE | | |
| 9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <u>Guy V. Tucker</u> Name of Person Signing </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>01 OCT 02</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents <u>3</u> </div> | | |

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 013149 FRAME: 0616

Practitioner's Docket No. 0089.00

PATENT

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

John S. Patton
8 Arastradero
Portola Valley, CA 94028
Nationality: U.S.A.

Michael T. Newhouse
612 Portsmouth Lane
Foster City, CA 94404
Nationality: Canada

hereby sell, assign and transfer to

ASSIGNEE:

Inhale Therapeutic Systems, Inc.
150 Industrial Road
San Carlos, CA 94070
Nationality: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Powder Aerosolization Apparatus and Method

and which is found in (37 C.F.R. section 3.21) U.S. application no. 10/175,145 filed on June 19, 2002 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

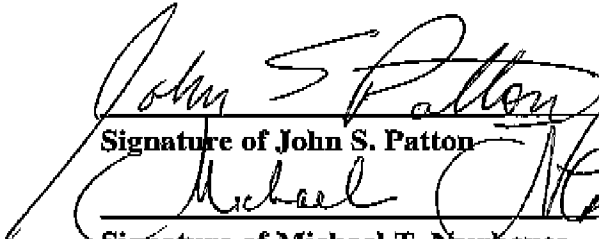
ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal

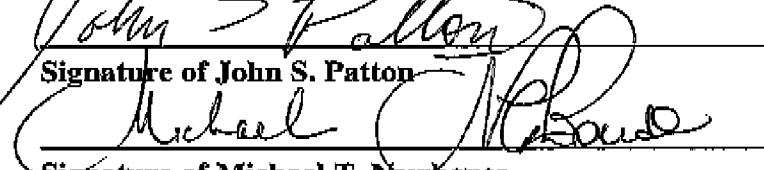
representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____ day of _____.

Date: 8/12/02

Date: 8/12/02



Signature of John S. Patton


Signature of Michael T. Newhouse