10-09-2002

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying part(ies): 10:4102 2. Name and address of receiving part(ics): Kersten M. Small and Stephen B. Liggett Internal Address: University of Cincinnati Additional name(s) of conveying parties attached? ☐ Yes ☒ No 3. Nature of Conveyance: Street Address: P.O. Box 670829 X Assignment X Merger Security Agreement Change of Name City: Cincinnati State: Ohio Zip: 45267-0829 Other: Additional name(s) and address(es) attached?

Yes

No Execution Date: September 16, 2002 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) 10/001,073 B. Patent No.(s) Additional numbers attached?

Yes

No 6. Total number of applications and patents involved: [1] 5. Names and address of party to whom correspondence concerning document should be mailed: 7. Total Fee (27 CFR 3.41) . . . \$ 40.00 Name: Clare M. Iery Enclosed Please charge any deficiencies or credit any Internal Address: Dinsmore & Shohl overpayment to deposit account Authorization to be charged to deposit account Street Address: 1900 Chemed Center 255 East Fifth Street 8. Deposit Account Number: State: Ohio Zip: 45202 City: Cincinnati 04-1133 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. 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. Clare M. Iery; Reg. No. 51,833 Name of Person Signing, Registration Number Total Number of pages including cover sheet

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Assignment; Director-U.S. Patent and Trademark Office; Washington, DC

20211 on September 24, 2002 10/08/2002 LMUELLER 00000078 10001073

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ASSIGNMENT

WHEREAS, WE, Kersten M. Small, a citizen of the United States, residing at 2931 Temple Avenue, Cincinnati, Ohio 45211; and Stephen B. Liggett, a citizen of the United States, residing at 8020 Elbrecht Drive, Cincinnati, Ohio 45242 (hereinafter referred to as "ASSIGNORS"), have invented Alpha-2 Adrenergic Receptor Polymorphisms, for which U.S. Application Serial No. 10/001,073 filed November 1, 2001; and

WHEREAS, University of Cincinnati, of Cincinnati, Ohio, a nonprofit organization duly organized and existing under the laws of the State of Ohio, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention, and said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

ASSIGNORS HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNORS HEREBY grant the firm of DINSMORE & SHOHL LLP the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNORS HEREBY covenant and agree that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS HEREBY further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

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PATENT REEL: 013355 FRAME: 0504