| | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | |
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| (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) | U.S. Patent and Trademark Office | | |
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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 party(ies): John DAVIDSON Robert MOZAYENI Simon FITALL Kevin CRUTCHFIELD Additional name of conveying party(ies) attached? | 2. Name and address of receiving party(ies) Name: New Health Sciences, Inc. Internal Address: 5-3-62 | | |
| 3. Nature of conveyance: | Street Address: 9715 Medical Center Drive | | |
| | Street Address. 9713 Wedical Center Drive | | |
| Security Agreement Change of Name Other Execution Date: November 6, 2001, November 13, 2001, and April 10, 2002 | City: Rockville State: MD Zip: 20850 Additional Name(s) & address(es) attached? ☐ Yes ☒ No | | |
| If this document is being filed together with a new application A. Patent Application No.(s) 09/966,359 Additional numbers at | on, the execution data of the application is: B. Patent No.(s) tached? Yes No | | |
| Name and address of party to whom correspondence concerning this document should be mailed: | 6. Total number of applications and patents involved: 1 | | |
| Name: George T. Marcou | 7. Total fee (37 CFR 3.41) \$ 40.00 | | |
| Internal Address: | ⊠ Enclosed | | |
| | ☐ Authorized to be charged to deposit account | | |
| | C. Descrit account number | | |
| Street Address: Kilpatrick Stockton LLP | 8. Deposit account number: | | |
| 607 14 th Street, N.W., Suite 900 | | | |
| City: Washington State: DC Zip: 20005 | (Attach duplicate copy of this page if paying by deposit account) | | |
| DO NOT US | E THIS SPACE | | |
| Statement and signature. | 10 | | |
| To the best of my knowledge and belief, the foregoing info is a true copy of the original document. George T. Marcou (Reg. No. 33,074) Name of Person Signing | Signature Date | | |
| Total number of pages including | cover sheet, attachments, and documents: 3 | | |

40.00 ID Comments to be recorded with required cover sheet information to:

01 FC:581

Attorney Docket No.: 40241.264862
PATENT

ASSIGNMENT

THIS ASSIGNMENT, by John DAVIDSON, Robert MOZAYENI, Simon FITALL, and Kevin CRUTCHFIELD, (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in a <u>SYSTEMS AND METHODS FOR ASSESSING VASCULAR EFFECTS OF A TREATMENT</u>, as set forth in an application for Letters Patent of the United States bearing Application No. <u>09/966,359</u>, filed on <u>1 October 2001</u>.

WHEREAS, New Health Sciences, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having a principal place of business at, 9715 Medical Center Drive, Rockville, MD 20850, (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

| (Date) 4-10-02 | (Signature) | John DAVIDSON | |
|----------------|-------------|-------------------|--|
| (Date) | (Signature) | Robert MOZAYENI | |
| (Date) | (Signature) | Simon FITALL | |
| (Date) | (Signature) | Kevin CRUTCHFIELD | |

Attorney Docket No.: 40241.264862
PATENT

ASSIGNMENT

THIS ASSIGNMENT, by <u>John DAVIDSON</u>, <u>Robert MOZAYENI</u>, <u>Simon FITALL</u>, <u>and Kevin CRUTCHFIELD</u>, (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in a <u>SYSTEMS AND METHODS FOR ASSESSING VASCULAR EFFECTS OF A TREATMENT</u>, as set forth in an application for Letters Patent of the United States bearing Application No. <u>09/966,359</u>, filed on <u>1 October 2001</u>.

WHEREAS, New Health Sciences, Inc., a corporation duly organized under and pursuant to the laws of <u>Delaware</u>, and having a principal place of business at, <u>9715 Medical Center Drive</u>, <u>Rockville</u>, <u>MD 20850</u>, (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

| (Date) | (Signature) |
|-------------------|-------------------|
| | John DAVIDSON |
| (Date) 11 13 2001 | (Signature) |
| | Robert MOZA XENI |
| (Date) 11/6/01 | (Signature) |
| | Simon FITALL |
| (Date) 13~010 | (Signature) 323. |
| , | Kevin CRUTCHFIELD |

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RECORDED: 05/03/2002

PATENT REEL: 012861 FRAME: 0571