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RECORDATION FORM COVER SHEET **PATENTS ONLY**

Docket No.: 0856.2057-001

To the Director of the U S Patent and Trademark Office: Please record the attached documents or the new address(es) below

1. Name of conveying party(ies)/Execution Date(s): KARL TRYGGVASON / 3/13/07 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: ATHENA DIAGNOSTICS, INC. Internal Address: _____ Street Address: 377 PLANTATION STREET City: WORCESTER State: MA Country: USA Zip: 01605 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 _____		4. Application number(s) or patent number(s). A. Patent Application No (s) <input type="checkbox"/> This document is being filed together with a new application. B. Patent No (s) 6,576,418 B1 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: DOREEN M. HOGLE Internal Address: _____ HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Street Address: 530 VIRGINIA ROAD, P.O. BOX 9133 City: CONCORD State: MA ZIP: 01742-9133 Phone No. 978-341-0036 Fax No. 978-341-0136 Email Address: DOREEN.HOGLE@HBSR.COM		6. Total number of applications and patents involved. [1] 7. Total Fee (37 CFR 1.21(h) & 3.41) \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorization to charge deposit account number 08-0380 <input type="checkbox"/> Previously submitted - Doc. ID No. [] <input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380 Do not attach a copy of this page if paying by deposit account and filing via facsimile Attach a copy of this page if paying by deposit account and filing via mail.	
8. Doreen M. Hogle Name of Person Signing		Doreen M. Hogle Signature	
		March 26, 2007 Date	
Total number of pages including cover sheet, attachments, and documents: [3]			

CH \$40.00 080380 6576418

Docket No. 0836.2057-001

SoleASSIGNMENT

WHEREAS, I, Karl Tryggvason, together with co-inventors, Sirkka L. Hostikka and Jing Zhou, have invented a certain improvement in Method for Determining the Nucleotide Sequence of the Gene for the $\alpha 5(\text{IV})$ Chain of Human Type IV Collagen, described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only);*
- ☐ is about to be filed in the United States Patent Office as a Provisional Application,
- ☐ the specification of which is United States Application No. [], filed [].
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and assigned United States Application No. [];
- ☒ which was patented under United States Patent No. 6,576,418 B1, and which was assigned U.S. Serial No. 08/692,989, filed August 7, 1996,

WHEREAS, by virtue of Assignment recorded at the United States Patent and Trademark Office at Reel/Frame 010639/0193, Sirkka L. Hostikka assigned his entire rights, title and interest in this patent application/patent to me, and

WHEREAS, by virtue of Assignment recorded at the United States Patent and Trademark Office at Reel/Frame 010641/0271, Jing Zhou assigned his entire rights, title and interest in this patent application/patent to me; and

WHEREAS, Athena Diagnostics, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 377 Plantation Street, Worcester, Massachusetts 01605, desires to acquire an interest therein


NOW, THEREFORE, to all whom it may concern be it known that for and in good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and such Letters Patent as may issued on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain

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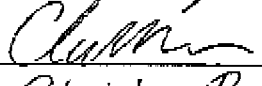
from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

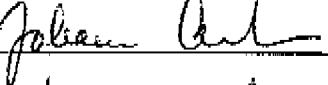
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives

Inventor  Date March 13, 2007
Karl Tryggvason

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18261 Djursholm, Sweden

Witness Signature 
Print Witness Name Christer Betsholtz
Address Haraldsons väg 11, 72167 Västra Frölunda

Witness Signature 
Print Witness Name JOHANNA ANDRE
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FACSIMILE COVER SHEET

Examiner: Assignment Division
U.S. Patent and Trademark Office

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From: Doreen M. Hogle

Subject: Assignment Recordation

Docket No.: 0856.2057-001

Applicant: Karl Tryggvason, Sirkka L. Hostikka and Jing Zhou

Patent No.: 6,576,418 B1

Issue Date: June 10, 2003

Number of pages excluding this cover sheet: 3

Please confirm receipt of facsimile: Yes ☒ No ☐

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