D-20-2007 United States Patent and Trademark Office
ET
03439283 documents or the new address(es) below.
2. Name and address of receiving party(ies)
Name: Northwestern University
Signature Internal Address:
No
Street Address: 633 Clark Street
Name City: Evanston
State: Illinois
e Country: U.S.A. Zip: 60208
Additional name(s) & address(es) attached? 🗹 Yes 🗌 No
This document is being filed together with a new application
B. Patent No.(s)
umbers attached? Yes 🖌 No
nce 6. Total number of applications and patents
involved:_1
<b>7. Total fee</b> (37 CFR 1.21(h) & 3.41) \$ <u>40</u>
Authorized to be charged by credit card
Authorized to be charged to deposit account
Enclosed
8. Payment Information
a. Credit Card Last 4 Numbers Expiration Date
b. Deposit Account Number <u>502428</u>
Authorized User Name Greenberg Traurig
m /
Authorized User Name Greenberg Traurig   Authorized User Name Greenberg Traurig   August 15, 2007 Date

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, we/I, Vadim Backman, a citizen of the United States of America, residing at 525 W. Hawthorne, Apt 2807, Chicago, Illinois 60657, have invented new and useful improvements for which a U.S patent application in the United States Patent and Trademark Office was filed on May 14, 2007, which is entitled "Systems, Methods, and Apparatuses of Elastic Light Scattering Spectroscopy and Low Coherence Enhanced Backs cattering Spectroscopy," and was assigned U.S. Setial No 11/803,418;

AND WHEREAS, Northwestern University, a corporation organized and existing under and by virtue of the laws of the State of Illinois, and having a place of business at 633 Clark Street, Evanston, Illinois, 60208, U S A , (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW IHEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we/I have sold, assigned, and transferred, and by these presents do sell, assign and transfer to said Assignee, its successors or assigns, the entire tight, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign counties for Letters Patent on the inventions and improvements, including an assignment of all rights under

CHI 56778432v1 8/2/2007

1

## PATENT REEL: 019748 FRAME: 0016

Attorney Docket No. 102678 010200

the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we/I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we/I do hereby agree that we/I and our/my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us/me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

AND, furthermore we/I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us/me and that full right to convey the same as herein expressed is possessed by us/me.

We/I also authorize counsel for Applicant to enter above the serial number of the application or other related information when it becomes available

CHI 56778432v1 8/2/2007

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1/4 day of

Augurez, 2007

Valum Backman

STATE OF Illinois, COUNTY OF (OOK) SS.

On this <u>I</u> day of <u>Huyulf</u>, 2007, before me personally appeared Vadim Backman, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Jublic

CHI 56778432v1 8/2/2007

**RECORDED: 08/20/2007**