

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
EFFECTIVE DATE:	03/22/2006												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sergey Mirov</td> <td>03/22/2006</td> </tr> <tr> <td>Vladimir Fedorov</td> <td>03/22/2006</td> </tr> <tr> <td>Igor Moskalev</td> <td>03/22/2006</td> </tr> </tbody> </table>		Name	Execution Date	Sergey Mirov	03/22/2006	Vladimir Fedorov	03/22/2006	Igor Moskalev	03/22/2006				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Alabama at Birmingham Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>1530 Third Ave. South</td> </tr> <tr> <td>Internal Address:</td> <td>AB 820</td> </tr> <tr> <td>City:</td> <td>Birmingham</td> </tr> <tr> <td>State/Country:</td> <td>ALABAMA</td> </tr> <tr> <td>Postal Code:</td> <td>35294-0108</td> </tr> </table>		Name:	University of Alabama at Birmingham Research Foundation	Street Address:	1530 Third Ave. South	Internal Address:	AB 820	City:	Birmingham	State/Country:	ALABAMA	Postal Code:	35294-0108
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CORRESPONDENCE DATA													
<p>Fax Number: (404)685-7070</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404 815 3770</p> <p>Email: caholland@sgrlaw.com</p> <p>Correspondent Name: Christopher A. Holland</p> <p>Address Line 1: 1230 Peachtree Street, N.E.</p> <p>Address Line 2: Suite 3100, Promenade II</p> <p>Address Line 4: Atlanta, GEORGIA 30309</p>													
ATTORNEY DOCKET NUMBER:	043537.018CIP												

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PATENT
REEL: 017717 FRAME: 0166

NAME OF SUBMITTER:

Christopher A. Holland

Total Attachments: 2

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ASSIGNMENT

This Assignment agreement is applicable to an invention entitled:

**MID-IR LASER INSTRUMENT FOR ANALYZING A GASEOUS SAMPLE
AND METHOD FOR USING THE SAME.**

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☐ a patent application about to be filed in the United States Patent and Trademark Office.
- ☐ a patent application for this invention, executed by the ASSIGNOR concurrently with this assignment.
- ☒ U.S. Patent Application No. 11/375,601, filed March 13, 2006 (which claims priority from U.S. Provisional Patent Application No. 60/774,952 filed February 17, 2006, and from U.S. Provisional Patent Application No. 60/776,242 filed February 23, 2006, and is further a continuation-in-part of U.S. Patent Application No. 11/140,271 filed May 27, 2005, which is a divisional application of U.S. Patent Application No. 10/247,272 filed September 19, 2002 and issued as U.S. Patent No. 6,960,486, which claimed priority from U.S. Provisional Patent Application No. 60/323,551 filed September 20, 2001).
- ☐ a U.S. patent application based on PCT International Application No. _____ filed on _____ (U.S. patent application Serial No. _____, if known).
- ☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all non-provisionals, divisions, reissues, continuations and extensions of the patent application identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☐ U.S. patent rights only.
- ☒ Worldwide patent rights. In addition, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNORS referred to in this agreement are the inventors whose signatures appear on page 2 of this Assignment.

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) University of Alabama At Birmingham, Research Foundation
(Address) AB 820, 1530 Third Ave. South, Birmingham, AL 35294-0108.

The ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☐ A Corporation of _____ (specify state or country)
- ☒ (other) Foundation.

LIT942582.1

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTORS TO

ASSIGNEE: University of Alabama At Birmingham, Research Foundation

INVENTION TITLE: Mid-IR Laser Instrument For Analyzing A Gaseous Sample And Method For Using The Same.

The ASSIGNORS, in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, hereby assign the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

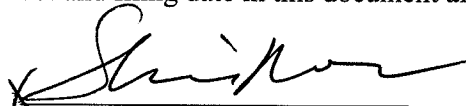
As to all U.S. patent applications assigned under this agreement, the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNORS agree to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNORS respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents in this application to check any appropriate boxes and to insert the Application Number and filing date in this document after it has been executed.

Sergey MIROV

Name of Inventor #1

X 

Signature

03/22/06

Date

FEDOROV
Vladimir FEDEROV

Name of Inventor #2

X 

Signature

03-22-06

Date

Igor MOSKALEV

Name of Inventor #3

X 

Signature

03/22/06

Date

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