502251145 03/04/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
INDIANA UNIVERSITY	01/23/2013

RECEIVING PARTY DATA

Name:	U.S. Department of Energy	
Street Address:	1000 Independence Ave., SW	
City:	Washington	
State/Country:	DISTRICT OF COLUMBIA	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13695675

CORRESPONDENCE DATA

Fax Number: 2025867127

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2025862802

Email: brenda.banks@hq.doe.gov

Correspondent Name: Brenda K. Banks

Address Line 1: 1000 Independence Ave.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20585

NAME OF SUBMITTER: Brenda K. Banks

Total Attachments: 1

source=S-118074 Confirmatory License#page1.tif

PATENT REEL: 029912 FRAME: 0147

License to the United States Government

IU Technology: 10042 IR #: 0577801-10-0005

Title of Invention: A Combined Distance-of-Flight and Time-of-Flight Mass Spectrometer

Title of Patent: Combined Distance-of-Flight and Time-of-Flight Mass Spectrometer

Inventor(s): Christie Enke, Steven Ray, Alexander Graham, Gary Hieftje, Charles Barinaga, David

Koppenaal

Patent or Application Serial No.: 13/695,675

U.S. Filing Date: 11/01/2012

Grant/Contract Identification Number(s): DE-AC05-76RL01830 and DE-FG02-98ER14890

Foreign Applications filed/intended in: none

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the United States Government. This document is confirmatory of:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this January 23, 2013.

By Close Brian C. Cholewa, J.D., Ph.D.

Head of Intellectual Property & Patent Counsel, IURTC

For <u>Indiana University</u> (Organization)

RECORDED: 03/04/2013

At 351 West 10th Street, Indianapolis, IN 46202
(Business Address)

PATENT REEL: 029912 FRAME: 0148