

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
CHRISTIE G. ENKE	07/06/2011
STEVEN J. RAY	05/19/2011
ALEXANDER GRAHAM	05/19/2011
gary M. HIEFTJE	06/02/2011
<b>RECEIVING PARTY DATA</b>	
Name:	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION
Street Address:	351 WEST 10TH STREET
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46202
<b>PROPERTY NUMBERS Total: 2</b>	
Property Type	Number
Application Number:	61330996
PCT Number:	US1134933
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(317)231-7433
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3172317762
Email:	hbehlmer@btlaw.com
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Address Line 2:	11 SOUTH MERIDIAN STREET
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	29920-210579 AND -216086
NAME OF SUBMITTER:	Bradford G. Addison

CH \$80.00 61330996

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**PATENT**  
 REEL: 026694 FRAME: 0426

Total Attachments: 6

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PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 29920-210579 and -216086  
Client Reference No.: IURTC-10042

PATENT ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Christie G. Enke, Steven J. Ray,  
Alexander Graham, and  
Gary M. Hieftje

Check applicable boxes and enter serial number and date if available  
maker(s) of an invention which is the subject of ☒ United States Provisional Patent Application identified as Serial No. 61/330,996 with a filing date of May 4, 2010 and/or a ☒ PCT International Application No. PCT/US2011/034933, filed May 3, 2011, entitled

Title of Application Combined Distance-of-Flight and Time-of-Flight Mass Spectrometer  
hereinafter (the "Application(s)")

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Indiana University Research and Technology Corporation  
Address of principal place of business 351 West 10<sup>th</sup> Street  
Indianapolis, Indiana 46202

Insert State of Incorporation (if applicable) or "Not Applicable"  
a corporation of Indiana

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Albuquerque, NM  
(city and state or country if outside USA)  
this 6<sup>th</sup> day of July, 2011.

[Signature]  
Witness  
[Signature]  
Witness

[Signature]  
Inventor (Signature)  
Christie G. Enke  
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
(city and state or country if outside USA)  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Witness  
\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
Steven J. Ray  
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
(city and state or country if outside USA)  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Witness  
\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
Alexander Graham  
Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
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\_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Gary M. Hieftje  
Inventor (Printed Name)

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Gary M. Hieftje

Check applicable boxes and enter serial number and date if available maker(s) of an invention which is the subject of ☒ United States Provisional Patent Application identified as Serial No. 61/330,996 with a filing date of May 4, 2010 and/or a ☒ PCT International Application No. PCT/US2011/034933, filed May 3, 2011, entitled

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

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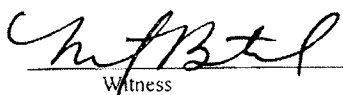
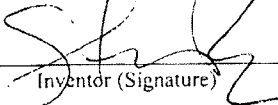
The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


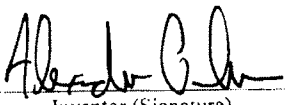
IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
(city and state or country if outside USA)  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

_____ Witness	_____ Inventor (Signature)
_____ Witness	Christie G. Enke Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at INDIANA UNIVERSITY  
(city and state or country if outside USA)  
this 19 day of May, 2011

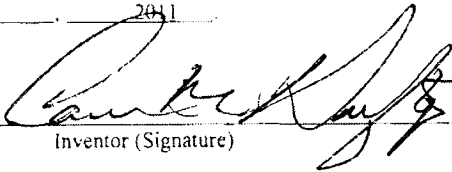
 _____ Witness	 _____ Inventor (Signature)
_____ Witness	Steven J. Ray Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
(city and state or country if outside USA)  
this 19 day of May, 2011

 _____ Witness	 _____ Inventor (Signature)
_____ Witness	Alexander Graham Inventor (Printed Name)

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
(city and state or country if outside USA)  
this 2 day of June, 2011

\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Inventor (Signature)

\_\_\_\_\_  
Witness

Gary M. Hieftje  
\_\_\_\_\_  
Inventor (Printed Name)