

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT2797209

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID RAFFERTY	03/11/2014
MICHAEL SPENCER	03/11/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	1ST DETECT CORPORATION
<b>Street Address:</b>	401 CONGRESS AVENUE
<b>Internal Address:</b>	SUITE 1650
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<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14213447
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	12187.0031-00000
<b>NAME OF SUBMITTER:</b>	ANNA O'CONNOR
<b>SIGNATURE:</b>	/Anna O'Connor/
<b>DATE SIGNED:</b>	04/02/2014
<b>Total Attachments: 2</b>	
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source=executed_Assignment#page2.tif	

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

**SPLIT RING ELECTRODE ION TRAP**

for which I/We filed an application for United States Letters Patent on March 15, 2013 (Application No. 61/798,734); and

WHEREAS, 1ST DETECT CORPORATION, a corporation of Delaware, whose post office address is 401 Congress Avenue, Suite 1650, Austin, Texas 78701 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

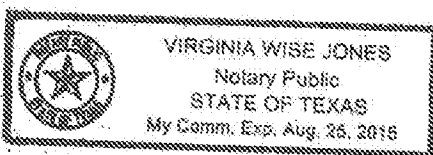
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of Harris )  
  ) ss. Name: David RAFFERTY  
  ) Address: 3019 Shady Lane  
  ) Webster, TX 77598  
State of Texas ) By: [Signature]  
  ) Date: 3/11/2014

Subscribed and sworn to before me this 11<sup>th</sup> day of March, 2014  
Virginia Wise Jones Notary Public



County of Harris )  
State of Texas )

ss. Name: Michael SPENCER  
Address: 22 Signal Hill Drive  
Manvel, TX 77578  
By: Michael Spencer  
Date: 3/11/2014

Subscribed and sworn to before me this 11<sup>th</sup> day of March, 2014  
Virginia Wierdas, Notary Public

