

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>		NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>		ASSIGNMENT
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
Philip Karl HOPKE		01/12/2007
Jeffrey Lawrence AMBS		01/09/2007
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Thermo Electron Corporation	
<b>Street Address:</b>	26 Tech Valley Drive	
<b>City:</b>	East Greenbush	
<b>State/Country:</b>	NEW YORK	
<b>Postal Code:</b>	12061-4136	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	11615672	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	0103.098	
<b>NAME OF SUBMITTER:</b>	John Pietrangelo	
<b>Total Attachments: 2</b>		
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CH \$40.00 11615672

**PATENT**

**500219267**

**REEL: 018859 FRAME: 0854**

## ASSIGNMENT

WHEREAS, We,

**Philip Karl Hopke**, a citizen of the United States, residing at 68 Elm Street, Potsdam, New York 13676; and

**Jeffrey Lawrence Ambs**, a citizen of the United States, residing at 36 Crystal Lane, Delmar, New York 12054,

(collectively **INVENTORS**) have invented certain new and useful improvements in DEVICES, METHODS, AND SYSTEMS FOR DETECTING PARTICLES IN AEROSOL GAS STREAMS, for which an application for Letters Patent of the United States, Serial No. 11/615,672, was filed on December 22, 2006; and

WHEREAS, **Thermo Electron Corporation**, having offices at 26 Tech Valley Drive, East Greenbush, New York 12061-4136, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

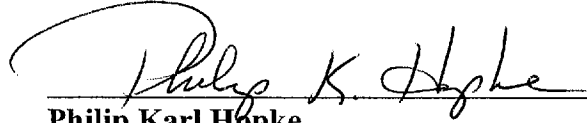
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We the said **INVENTORS** have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Thermo Electron Corporation**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, continuations and continuations-in-part thereof, and all Letters Patent which may be granted thereon and all reexaminations, reissues, renewals and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all reexaminations, reissues, renewals and extensions thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Thermo Electron Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, that we have not copied or used information that may be subject to a trade secret owned or under the control of a third party, and that We have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that We and our heirs, representatives and successors, if any, will communicate to the said **Thermo Electron Corporation**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible

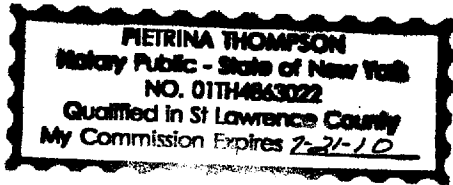
to aid the said **Thermo Electron Corporation**, its successors, legal representatives and assigns,  
to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of  
January, 2007.

  
Philip Karl Hopke


STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF )

On this 12 day of January, 2007, before me personally came  
**Philip Karl Hopke**, to me known and known to me to be the person of that name, who signed  
and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



  
Notary Public

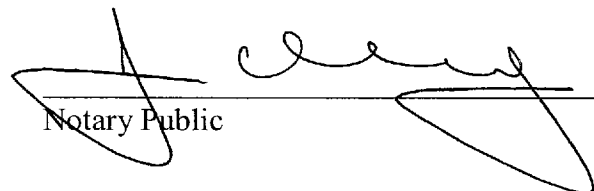
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9<sup>th</sup> day of  
January, 2007.

  
Jeffrey Lawrence Ambs

STATE OF NEW YORK )  
 ) ss.:  
COUNTY OF Rensselaer )

On this 9<sup>th</sup> day of January, 2007, before me personally came  
**Jeffrey Lawrence Ambs**, to me known and known to me to be the person of that name, who  
signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and  
deed.

JAMES R. BOYER  
Notary Public, State of New York  
Reg. No. 01BO6076427  
Qualified in Saratoga County  
Commission Expires June 24, 2010

  
Notary Public