PATENT ASSIGNMENT COVER SHEET

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	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	DATA				
		1	Name	Execution Date	
ALEXANDER ALEKSEEVICH MAKAROV				09/07/2006	
RECEIVING PARTY DA	ATA				
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State/Country:	CALIFORNIA	CALIFORNIA			
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Application Number: 1.		14084	14084549		
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PATENT REEL: 032303 FRAME: 0362

ASSIGNMENT

WHEREAS, I, Alexander Alekseevich MAKAROV

of 90 Marlborough Avenue, Cheadle Hulme, Cheshire, SK8 7AR, United Kingdom

have invented certain new and useful improvements as described in an application entitled

"MULTI-ELECTRODE ION TRAP"

for Letters Patent of the United States, the application arising out of International Application No. PCT/GB2006/0023610, and/or being identifiable in the United States Patent and Trademark Office by Serial No. // 994, 095 , filed on 12/27/2007 and 12/820, 889 filed June 22, 2010; and S/N 14/084,549 filed Nov. 19, 2013; and

WHEREAS, THERMO FINNIGAN LLC

a company organized and existing under the laws of Delaware, United States of America, and having offices at 355 River Oaks Parkway, San Jose, California 95134-1991, United States of America ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

PATENT REEL: 032303 FRAME: 0363 I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Alexander Alekseevich Makarov	Date: September 7 2006
Witnessed by the undersigned:	Witnessed by the undersigned:
	,
Signature: A. Weighaus	Signature: Rose Much
Name: ANDREAS WIEGHAUS	Name: Robert Malek
Address:	Address:
FLECTRON CORPORATION Thermo Electron (Gremen) GmbH Hanna-Kunath-Strasse 11 28199 Bremen, Germany	ELECTRON CORPORATION Thermo Electron (Brumen) CmbH Hanna-Kunath-Strasse 11 28199 Bremen, Germany

267008; NPT; ACO

RECORDED: 02/26/2014