

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RISTO ORAVA</td> <td>10/26/2013</td> </tr> <tr> <td>TOM SCHULMAN</td> <td>10/26/2013</td> </tr> <tr> <td>PETTERI MEHTALA</td> <td>11/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	RISTO ORAVA	10/26/2013	TOM SCHULMAN	10/26/2013	PETTERI MEHTALA	11/04/2013
Name	Execution Date								
RISTO ORAVA	10/26/2013								
TOM SCHULMAN	10/26/2013								
PETTERI MEHTALA	11/04/2013								
RECEIVING PARTY DATA									
Name:	FINPHYS OY								
Street Address:	DAGMARINKATU 8 B 24								
City:	HELSINKI								
State/Country:	FINLAND								
Postal Code:	FIN-00100								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14063545</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14063545				
Property Type	Number								
Application Number:	14063545								
CORRESPONDENCE DATA									
Fax Number:	(703)685-0573								
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	3502-1313								
NAME OF SUBMITTER:	BENOIT CASTEL								
Signature:	/Benoit Castel/								
Date:	11/15/2013								

OP \$40.00 14063545

PATENT

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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source=COMBINED_DECL_AND_ASSMT#page2.tif

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, FINPHYS OY, hereinafter referred to as "assignee(s)", whose address is Dagmerinkatu 8 B 24 FIN-00100 Helsinki Finland, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hereby declare that:

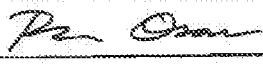
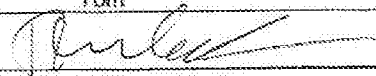
This assignment and declaration is directed to: The attached application, or
 United States Application or PCT International Application Number _____ filed on _____ (Confirmation No. _____).

The application is entitled: **NEUTRON DETECTOR**

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Risto	Family Name/Surname(s)	ORAVA
Inventor's Signature:		Date	26.10.2013
Given Name(s)	Tom	Family Name/Surname(s)	SCHULMAN
Inventor's Signature:		Date	26.10.2013
Given Name(s)	Petteri	Family Name/Surname(s)	MEHTALA
Inventor's Signature:		Date	

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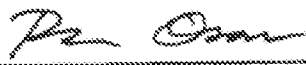
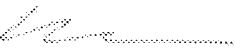
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Inventor's Signature:		Date	26.10.2013
Given Name(s)	Tom	Family Name/Surname(s)	SCHULMAN
Inventor's Signature:		Date	
Given Name(s)	Petteri	Family Name/Surname(s)	MEHTALA
Inventor's Signature:		PATENT	

RECORDED: 11/15/2013 **REEL: 031610 FRAME: 0288**