PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4872188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARMO SAASKI	03/06/2018
MIKKO HEIKKINEN	03/06/2018
TERO HEIKKINEN	03/06/2018
MIKA PAANI	03/06/2018
JAN TILLONEN	03/13/2018
RONALD HAAG	03/07/2018

RECEIVING PARTY DATA

Name:	TACTOTEK OY
Street Address:	AUTOMAATIOTIE 1,
City:	OULUNSALO
State/Country:	FINLAND
Postal Code:	90460

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15924697

CORRESPONDENCE DATA

Fax Number: (631)501-3526

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 631-501-5700

docket@cdfslaw.com, kdugo@cdfslaw.com Email:

CARTER, DELUCA, FARRELL & SCHMIDT, LLP **Correspondent Name:**

445 BROAD HOLLOW ROAD Address Line 1:

Address Line 2: **SUITE 420**

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	44605-24 P/U
NAME OF SUBMITTER:	ROBERT P. MICHAL
SIGNATURE:	/Robert P. Michal/
DATE SIGNED:	03/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

REEL: 045273 FRAME: 0278 504825452

Total Attachments: 6 source=01227798#page1.tif source=01227798#page2.tif source=01227798#page3.tif source=01227798#page4.tif source=01227798#page5.tif source=01227798#page6.tif

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

TITLE OF	MULTILAYER STRUCTURE AND RELA	ATED METHOD OF	
INVENTION:	MANUFACTURE FOR ELECTRONICS		
As the below named inventor, I hereby declare that:			
This declaration is directed to:			
☐ United States application, or	PCT international application number	filed on	
The above-identified application	n was made or authorized to be made by me.		
I believe that I am the original i	nventor or an original joint inventor of a claimed inver	ntion in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. C. § 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, I, the below- identified above and described	WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");		
WHEREAS, <u>TactoTek Oy</u> (hereinafter "Assignee") having place of business at: <u>Automaatiotie 1, 90460 Oulunsalo</u> , <u>Finland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;			
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;			
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;			
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;			
And I further agree to sign and execute all necessary and lawful further documents, including applications for foreign patents, for filing divisions, continuations, and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.			
The undersigned hereby grants the firm of CARTER, DELUCA, FARRELL & SCHMIDT, LLP, located at 445 Broad Hollow Road, Suite 420, Melville, New York 11747, 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 Office for recordation of this document.			
LEGAL NAME OF INVENTOR Signature: 6.5 2018			

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

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WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");			
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NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;			
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;			
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;			
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OF INVENTOR	iventor: Mikko HEIKKINEN	Date: 6.3.2018	

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

Signature:

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	The attached application, or United States application or PCT international application number filed on			
	The above-identified applica	ntion	was made or authorized to be made by me.	
	I believe that I am the origin	al in	ventor or an original joint inventor of a claimed inve	ention in the application.
	I hereby acknowledge that a imprisonment of not more th		illful false statement made in this declaration is punive (5) years, or both.	ishable under 18 U.S. C. § 1001 by fine or
	WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention"):			
	WHEREAS, <u>TactoTek Ov</u> (hereinafter "Assignee") having place of business at: <u>Automatiotie 1, 90460 Oulunsalo</u> , <u>Finland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;			
	NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration:			
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	And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;			
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Ì	LEGAL NAME	Inv	entor: Tero HEIKKINEN	Date: 6.3 Zois
1	OF INVENTOR	C:-		Date: 6.3 COLO

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 **MELVILLE, NEW YORK 11747**

Signature:

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As the below named inventor, I hereby declare that:			
This declaration is directed to:			
 ☐ The attached application, or ☐ United States application or PCT international application number filed on 			
The above-identified applicati	on was made or authorized to be made by me.		
I believe that I am the original	inventor or an original joint inventor of a claimed inventor	ntion in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. C. § 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, I, the below identified above and describe	v-identified Inventor, have invented certain new and used in the above-identified patent application(s) and/or pa	eful improvements in the Invention atent(s) (hereinafter "Invention"):	
WHEREAS, <u>TactoTek Oy</u> (hereinafter "Assignee") having place of business at: <u>Automaatiotie 1, 90460 Oulunsalo.</u> <u>Finland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;			
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Hollow Road, Suite 420, Me	tts the firm of CARTER, DELUCA, FARRELL & SCH lville. New York 11747, the power to insert on this assi le in order to comply with the rules of the United States	gnment any further identification which	
LEGAL NAME	Inventor: Mika PAANI	- 3 > 50:A	

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Signature:

OF INVENTOR

PATENT REEL: 045273 FRAME: 0283

Date: 63.2010

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INVENTION: MANUFACTURE FOR ELECTRONICS As the below named inventor, I hereby declare that:			
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LEGAL NAME In	ventor: Jan TILLONEN	Date: 13.3.2018	

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

OF INVENTOR

Signature:

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LEGAL NAME Inventor: Ronald HAAG OF INVENTOR Signature: Fanald Haag Date: 3/7/2018				

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> PATENT REEL: 045273 FRAME: 0285

RECORDED: 03/19/2018