503180124 02/13/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3226739

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ESA KALISTAJA	02/10/2015
ELLI GALLA	02/10/2015
DAN KUEHLER	02/09/2015
WINTHROP CHILDERS	02/09/2015

RECEIVING PARTY DATA

Name:	PULSE FINLAND OY	
Street Address:	TAKATIE 6	
City:	KEMPELE	
State/Country:	FINLAND	
Postal Code:	90440	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14620108

CORRESPONDENCE DATA

Fax Number:

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.

Email: docket@gazpat.com

Correspondent Name: GAZDZINSKI & ASSOCIATES, PC
Address Line 1: 16644 WEST BERNARDO DRIVE

Address Line 2: SUITE 201

Address Line 4: SAN DIEGO, CALIFORNIA 92127

ATTORNEY DOCKET NUMBER:	PFO.081A-T1	
NAME OF SUBMITTER:	PETER J. GUTIERREZ, III	
SIGNATURE:	/Peter J. Gutierrez, III/	
DATE SIGNED:	02/13/2015	

Total Attachments: 5

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PATENT REEL: 034961 FRAME: 0772

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

Title of Invention: METHODS AND APPARATUS FOR CONDUCTIVE ELEMENT DEPOSITION AND FORMATION

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

U.S. Application Serial No.: To be assigned	; or
PCT International Application No.:	•
Filed on: Herewith	

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below:

U.S. Provisional Application Serial No.: 61/939,197 filed on: February 12, 2014.

The above-identified application 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 invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, PULSE FINLAND OY, with its principal place of business at Takatie 6, FI-90440 Kempele, Finland, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, re-examinations, continuations, conversions and extensions thereof, and provisional applications to which priority is claimed therefrom, for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion, re-exam, provisional, or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

REEL: 034961 FRAME: 0773

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion, re-exam, provisional, or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of GAZDZINSKI & ASSOCIATES, PC. Customer No. 27299, the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

Executed by the undersigned on the date opposite the undersigned name.

	Additiona	l inventors are	being named on the <u>1</u> su	oplemental sheet	(s) attached her	reto.
acco		orm. Use a sej	AIA/14 or equivalent), inc parate form for each inven Il inventors.			
Sign	nature:	Ž,		kundo har no Makamad (Mohadakan) kadi kadi kadi kadi kadi kadi kadi kadi	A.C	
Inventor's Name: ESA KALISTAJA		TAJA	Date:	10,2,2	2015	
LE						

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PATENT REEL: 034961 FRAME: 0774

SUPPLEMENTAL SHEET FOR COMBINED DECLARATION AND ASSIGNMENT

Inventor's Name: ELLI GALLA		Date: 10. 2. 2015		
Signature:	604	9000		, and change contains a residence of the state of the sta
Inventor's Name: DA!	N KUEHLER		Date:	
Signature:	apá pa go			
Inventor's Name: WI	NTHROP CHILI	DERS	Date:	
Signature:	a segon de potrospo initiano de construcción de construcción de construcción de construcción de construcción de			enganisansi kanananan kananan kananan kananan kananan kanan kanan kanan kanan kanan kanan kanan kanan kanan ka

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SUPPLEMENTAL SHEET FOR COMBINED DECLARATION AND ASSIGNMENT

Inventor's Name: ELLI GALLA	Date:	
Signature:		
Inventor's Name: DAN KUEHLER Signature:	Date: 2/9/15	
Inventor's Name: WINTHROP CHILDERS	Date:	
Signature		

REEL: 034961 FRAME: 0776

SUPPLEMENTAL SHEET FOR COMBINED DECLARATION AND ASSIGNMENT

Inventor's Name: ELLI GALLA	Date:
Signature:	
Inventor's Name: DAN KUEHLER	Date:
Signature:	
Inventor's Name: WINTHROP CHILDERS	Date: 09-FEB-2015
Signature:	

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RECORDED: 02/13/2015