

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5270186

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIMO MALINEN	10/31/2017
JUHANA KOSTAMO	11/07/2017
TERO PILVI	10/30/2017
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<b>Postal Code:</b>	02150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15536943
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	ESP.3931.USN1
<b>NAME OF SUBMITTER:</b>	JOSEPH V. GAMBERDELL
<b>SIGNATURE:</b>	/jvg44695/
<b>DATE SIGNED:</b>	12/06/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
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**COMBINED DECLARATION AND ASSIGNMENT  
FOR  
UTILITY OR DESIGN PATENT APPLICATION**

**As the below named inventors, we hereby declare that:**

- (1) This declaration and assignment are directed to:

**Title                   ALD METHOD AND APPARATUS**

- the specification of which is attached hereto; OR  
 United States Patent Application or PCT International application number:  
**PCT/FI2015/050819; filed on 25 November 2015; as amended on (if applicable)**

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*(We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above the application number and filing date of the application, or other pertinent information herein, when known.)*

- (2) The above-identified application was made or authorized to be made by us.
- (3) We believe that we are the original joint inventors of a claimed invention in the application.
- (4) We 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.
- (5) We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.
- (6) We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.

**Authorization To Permit Access To Application by Participating Office**

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy

of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

**OATH:**

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**ASSIGNMENT OF RIGHTS:**

Whereas, we 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 referred to as "Invention"); and,

Whereas we desire to assign my above-identified rights, title and interest in the Invention to the Assignee identified herein;

Now, this indenture witness, that for good and valuable consideration, the receipt whereof is hereby acknowledged, we,

*Inventors (assignors)*

<i>Name</i>	<i>Address</i>
Timo MALINEN	Kuninkaantie 33 B 02940 Espoo, Finland
Juhana KOSTAMO	Norppatie 4 C 11 02260 Espoo, Finland
Wei-Min LI	Hyljemäenportti 1 A 02260 Espoo, Finland
Tero PILVI	Laajalahdentie 20 a7 00330 Helsinki, Finland

do hereby assign, sell and transfer to:

*Assignee*

<i>Name of Company</i>	<i>Address</i>
Picosun Oy	Tietotie 3 02150 Espoo, Finland

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by us described the application(s) listed above and in the following table:

<i>Country of Filing</i>	<i>Type of Filing</i>	<i>Application Number</i>	<i>Filing Date</i>	<i>Title</i>
WO	PCT	PCT/FI2015/050819	25 November 2015	ALD Method and Apparatus
FI		20140361	22 December 2014	



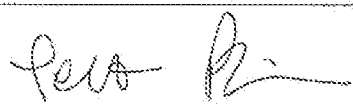
*(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)*

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, 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 the Company;

and we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

*Inventor Signatures*

<u>Name</u>	<u>Signature</u>	<u>Date</u>
Timo MALINEN		31.10.2017
Juhana KOSTAMO		7.11.2017
Wei-Min LI		
Tero PILVI		30.10.2017