

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5266359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Markku Ylilammi	10/22/2018
Tapani Makkonen	10/22/2018
Tuomas Pensala	10/19/2018
RECEIVING PARTY DATA	
Name:	VTT TECHNICAL RESEARCH CENTRE OF FINLAND LTD
Street Address:	VUORIMIEHENTIE 3
Internal Address:	P.O. BOX 1000
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FI-02044 VTT
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16125637
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	+1 (512) 226-8143
Email:	apsi@fr.com
Correspondent Name:	PARVIN GHANE
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	38877-0010001
NAME OF SUBMITTER:	MELISSA ALEXANDER
SIGNATURE:	/Melissa Alexander/
DATE SIGNED:	12/04/2018
Total Attachments: 2	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MARKKU YLILAMMI, TAPANI MAKKONEN, and TUOMAS PENSALA, each individually assign to VTT TECHNICAL RESEARCH CENTRE OF FINLAND LTD., a limited liability company formed under the laws of Finland and having a principal place of business at Vuorimiehentie 3³³³³
Metallimiehenkuja 2, PO Box 1000, Espoo, FI-02044 VTT, FINLAND, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "TWO-STAGE LATERAL BULK ACOUSTIC WAVE FILTER," and was or will be filed in the United States Patent and Trademark Office on September 7, 2018, as application 16/125,637 (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

M. Ylilammi
MARKKU YLILAMMI

Date: Oct 22 2018

J. Makkonen
TAPANI MAKKONEN

Date: Oct 22, 2018

T. Pensala
TUOMAS PENSALA

Date: OCT 19, 2018

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: VTT TECHNICAL RESEARCH CENTRE OF FINLAND LTD

Signature: Pasi Nikkonen

Date: 22 Oct 2018

Name: Pasi Nikkonen

Title: Patent Counsel, holder of General Power of Attorney

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