505214876 11/30/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER CORCORAN	11/20/2018
SHABAB BAZRAFKAN	11/18/2018

RECEIVING PARTY DATA

Name:	FOTONATION LIMITED	
Street Address:	CLIONA, BUILDING ONE PARKMORE	
Internal Address:	EAST BUSINESS PARK BALLYBRIT	
City:	GALWAY	
State/Country:	IRELAND	
Name:	NATIONAL UNIVERSITY OF IRELAND, GALWAY	
Street Address:	UNIVERSITY ROAD	
City:	GALWAY	
State/Country:	IRELAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16194211

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:patentlegal@xperi.comCorrespondent Name:XPERI CORPORATIONAddress Line 1:3025 ORCHARD PARKWAYAddress Line 4:SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	IO002-0633-US-02
NAME OF SUBMITTER:	JENNIFER KOSTIC
SIGNATURE:	/JENNIFER KOSTIC/
DATE SIGNED:	11/30/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

PATENT REEL: 047646 FRAME: 0430

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PATENT REEL: 047646 FRAME: 0431

COMBINED DECLARATION UNDER 37 CFR 1.63 AND ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below.

> Peter CORCORAN of Claregalway, Ireland and Shabab BAZRAFKAN of Galway, Ireland

hereby sell, assign and transfer to

ASS	IGNEE	(S):
$\Lambda 33$	IONES	

FOTONATION LIMITED, an Irish corporation having a place of business at Cliona Building One Parkmore East Business Park Ballybrit Galway, Ireland,

NATIONAL UNIVERSITY OF IRELAND, GALWAY, having its headquarters at University Road, Galway, Republic of Ireland

its successors, assigns and legal representatives, my entire right, title and interest throughout the world,

	all rights to claim priority, in and to the invention(s) disclosed in:		
	U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application executed on, or		
\boxtimes	U.S. Patent Application No.: 16/194,211 , filed on November 16, 2018		
	International Application No.: PCT/, filed on		
ENTITLE	D: SYSTEMS AND METHODS FOR CONDITIONAL GENERATIVE MODELS		
an	d naming as		

INVENTOR(S): Peter CORCORAN and Shabab BAZRAFKAN

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including non-provisionals, divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

Assignors hereby grant limited power of attorney to the attorneys/agents associated with Customer No. 79220 to update this document, as necessary, with an application number and a filing date for the abovereferenced application.

OATH/DECLARATION

This Assignment may also serve as an oath or declaration in accord with 37 C.F.R. § 1.63(e) and, as such, as an inventor executing below, I do hereby state that I believe I am the original inventor or an original joint inventor of an invention claimed in any above-identified U.S. Patent Application or International Application designating the United States and do hereby state that such application is and was made or authorized to be made by me. 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.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

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I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on	11/20/2018	by Decistioned by:	
	Date	Peter CORCORAN	/
Executed on	11/18/2018	Shabab Bayrafkan. by/	,
	Date	Shabab BAZRAFKAN	

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