505955526 03/06/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6002231

SUBMISSION TYPE:		NEW ASSIGNMENT				
ATURE OF CONVEYAN	ICE:	ASSIGNMENT				
CONVEYING PARTY DA	ATA					
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CHRISTOPHE GISQUET		01/29/2020				
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PROPERTY NUMBERS Property Type		Number				
Application Number:		16645432	_			
		100+0+02				
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DATE SIGNED:		03/06/2020				
Total Attachments: 2		· · ·				
		INC Assignment Laroche Gisquet C				

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ASSIGNMENT

Gui	llaur	nc LA	ROCHE	3	
Pat	rice	ONNO			
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Jonath	ian TAÇ	UET	
***************	000000000000000000000000000000000000000		0.0000.000

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assigner"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

NEW SAMPLE SETS AND NEW DOWN-SAMPLING SCHEMES FOR LINEAR COMPONENT SAMPLE PREDICTION

and described in an application for Letters Patent of the United States executed by melus, and

filed on September 28, 2018 as United States Application No.

as PCT International Application No. PCT/EP2018/076460 ,

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and inclustrial design registration which may be

filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I/we hereby authorize and request the Commissioner for Patents and Tiademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assigner or to such nominees as it may designate.

AND live authorize and empower the said Assignee or nomines to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization for me/us.

AND I/we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and

more particularly in proof of the right of the said Assignce or nominess to claim the afforestaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amaded, or by any convention which may beneeforth be substituted for it.

> PATENT REEL: 052119 FRAME: 0866

AND I/we hareby covenant that I/we have the full right to convey the entire right, title and interest herein assigned and that live have not executed and will not execute any agreement in conflict herewith.

AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nomines all facts known to media pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, contraing and reissue applications, make all rightful oafte and decisions and in general perform all lawful acts necessary or proper to aid said Assignee or nomines in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By Guillauno LAROLHE Guillaume LAROCHE

Dete: 29 January 2020

By Christophe GISOUET

By Patrice ONWO Patrice ONNO

8y:_

BV:

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-Jonathan TAQUET By: Jonathan TAQUET

Dear 29 January 2070

De _____ January, 2020

Dear 29 January 22.

By: By:

By:

Dete: Date:

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Date:

PATENT REEL: 052119 FRAME: 0867

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RECORDED: 03/06/2020