504319872 04/13/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUICHIRO YAMADA	02/06/2017
SAYA YONEYAMA	02/13/2017

RECEIVING PARTY DATA

Name:	ROLIC AG
Street Address:	CHAMERSTRASSE 50
City:	ZUG
State/Country:	SWITZERLAND
Postal Code:	6300

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15518822

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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.

Phone: 202-293-7060

Email: hderello@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q232394
NAME OF SUBMITTER:	HIROKO DERELLO
SIGNATURE:	/Hiroko Derello/
DATE SIGNED:	04/13/2017

Total Attachments: 4

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PATENT REEL: 041997 FRAME: 0278

Docket No.: Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>ROLIC AG</u> of <u>Chamerstrasse 50, 6300 Zug, Switzerland</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

or imprisonment of not more than five (5) years, or both.

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording	ng but	is prima facie evidence of execution under 35 USC 261)
As the below named inventor, I hereby	y decla	re that:
This assignment with declaration is directed to:		The attached application, or
anocted to.	\square	United States Application or PCT International Application Number PCT/EP2015/074213 filed on 20 th October 2015 (Confirmation No).
The application is entitled:		·
POLYMER CONTAINING SCATT	ERING	S TYPE VERTICALLY ALIGNED LIQUID CRYSTAL DEVICE
The above identified application was r	nade o	r was authorized to be made by me.
I believe that I am the original invento	r or an	original joint inventor of a claimed invention in the application.
I have reviewed and understand the co	ntents	of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine

PATENT REEL: 041997 FRAME: 0279

[Page 1]

NAME OF SOLE OR FIRST INVENTOR:	
Given Name	
(first and middle [if any]) Yuichiro	Family Name or Surname YAMADA
Inventor's signature ymohn yamada	Date 6th . Feb. 2017
	r
Residence: Basel, Switzerland	
Mailing Address: Tessinstrasse 21, 4054 Basel, Switzerland	
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Saya	Family Name or Surname YONEYAMA
(Hist and middle [H any]) Saya	raining Name of Surname TONETAMA
Inventor's signature	Date
Residence: Shizuoka, Japan	
Mailing Address: 869 Tenma, Fuji-City, 419-0205 Shizuoka, Japan	

Docket No.: Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>ROLIC AG</u> of <u>Chamerstrasse 50, 6300 Zug, Switzerland</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

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As the below named inventor, I hereby declare that:

This assignment with declaration is
directed to:

United States Application or PCT International Application Number PCT/EP2015/074213
filed on 20th October 2015 (Confirmation No._____).

POLYMER CONTAINING SCATTERING TYPE VERTICALLY ALIGNED LIQUID CRYSTAL DEVICE

The above identified application was made or was 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 application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 041997 FRAME: 0281

NAME OF SOLE OR FIRST INVENTOR:		
Given Name		
(first and middle [if any]) Yuichiro	Family Name or Surname YAMADA	
Inventor's signature	Date	
Residence: Basel, Switzerland		
Mailing Address: Tessinstrasse 21, 4054 Basel, Switzerland		
NAME OF SECOND INVENTOR:		
Given Name (first and middle [if any]) Saya	Family Name or Surname YONEYAMA	•
		,7
(first and middle [if any]) Saya		, 7

PATENT / REEL: 041997 FRAME: 0282

RECORDED: 04/13/2017