

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5608076

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GLEB AKSELROD	03/15/2019
YUANMU YANG	03/14/2019
PATRICK BOWEN	04/29/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUMOTIVE, LLC
<b>Street Address:</b>	10885 NE 4TH ST. STE 250
<b>City:</b>	BELLEVUE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98004
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16505687
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)935-4936
<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>	
<b>Phone:</b>	8019354935
<b>Email:</b>	ahc@prwlawfirm.com
<b>Correspondent Name:</b>	PHILLIPS RYTHER & WINCHESTER
<b>Address Line 1:</b>	124 SOUTH 600 EAST
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84102
<b>ATTORNEY DOCKET NUMBER:</b>	LU0101
<b>NAME OF SUBMITTER:</b>	JUSTIN K. FLANAGAN
<b>SIGNATURE:</b>	/Justin K. Flanagan/
<b>DATE SIGNED:</b>	07/09/2019
<b>Total Attachments: 3</b>	
source=2019-07-08 LU0101 efilingAck36523968#page1.tif	
source=2019-07-08 LU0101 efilingAck36523968#page2.tif	
source=2019-07-08 LU0101 efilingAck36523968#page3.tif	

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	36523968
<b>Application Number:</b>	16505687
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1728
<b>Title of Invention:</b>	TUNABLE LIQUID CRYSTAL METASURFACES
<b>First Named Inventor/Applicant Name:</b>	Gleb M. Akselrod
<b>Customer Number:</b>	102983
<b>Filer:</b>	Justin K. Flanagan/April Cooper
<b>Filer Authorized By:</b>	Justin K. Flanagan
<b>Attorney Docket Number:</b>	LU0101
<b>Receipt Date:</b>	08-JUL-2019
<b>Filing Date:</b>	
<b>Time Stamp:</b>	23:33:26
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$3105
RAM confirmation Number	070919INTEFSW23351700
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

**PATENT**

**REEL: 051514 FRAME: 0830**

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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	WebADS.pdf	137356	no	8
			9aeb17d72c49a6e92bf0b6ff0ef9a22972f461ec		

**Warnings:**

**Information:**

2		2019-07-08_Expedited_Specific ation_for_Tunable_LC_Metasur faces_LU0101.pdf	239658	yes	22
			d5c1f009dd6f43cad985e41df2e220068834acad		

**Multipart Description/PDF files in .zip description**

Document Description		Start	End
Abstract		22	22
Claims		16	21
Specification		1	15

**Warnings:**

**Information:**

3	Drawings-only black and white line drawings	2019-07-08_Drawings_LU0101.pdf	6430977	no	21
			ed07a946473f0cf81bcfee2f5f45ff29f38176b1		

**Warnings:**

**Information:**

4	CRF Statement Paper and CRF are the same	2019-07-08_3-73_Statement_L U0101.pdf	118800	no	3
			dd7273300cd22e7e6884b0b404b175ce9c8be644		

**Warnings:**

**Information:**

5	Power of Attorney	2019-07-08_POA_Signed_LU01 01.pdf	4784804	no	3
			8466c7e3756cfd2b17d1f1dce2c59b300b3be2d9		

**PATENT**

<b>Warnings:</b>					
<b>Information:</b>					
6	TrackOne Request	2019-07-08_Track1_Request_L U0101.pdf	129453  1945884a177683ac73d5e262ab900281fba 60332	no	2
<b>Warnings:</b>					
<b>Information:</b>					
7	Miscellaneous Incoming Letter	Assignment_Signed_All.pdf	433898  b904236ee894f1ffdd13ef8c139c11dd1e5fe 3ba	no	2
<b>Warnings:</b>					
<b>Information:</b>					
8	Oath or Declaration filed	Declaration_Signed_All.pdf	2355571  375a3bce732509251f1f5df3759d6919608f 3a6e	no	4
<b>Warnings:</b>					
<b>Information:</b>					
9	Fee Worksheet (SB06)	fee-info.pdf	41647  ce64bedb7c663b71b8e74c240d585e1ad5 4fe01	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				14672164	
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  <b>If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</b></p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  <b>If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</b></p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  <b>If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</b></p>					