503911824 07/12/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3958477

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
NARESH MENON			07/08/2016		
GREGORY H. BEARMA	N.		06/22/2016		
LEONARD NELSON			07/07/2016		
RECEIVING PARTY DA	TA				
Name:	CHROM	IOLOGIC LLC			
Street Address:	1225 S.	1225 S. SHAMROCK			
City:	MONRC	MONROVIA			
State/Country:	CALIFO	CALIFORNIA			
Postal Code:	91016				
	Total: 1				
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number:	1	3573868			
CORRESPONDENCE D					
		626)577-8800			
		-			
Correspondence will b		the e-mail address first; if that is unsucce if that is unsuccessful, it will be sent via			
<i>Correspondence will buusing a fax number, if p</i> Phone:	provided; 6	r if that is unsuccessful, it will be sent via 5267959900			
<i>Correspondence will buusing a fax number, if p</i> Phone: Email:	p rovided; 6 p	r if that is unsuccessful, it will be sent via 3267959900 oto@Irrc.com	US Mail.		
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	provided; 6 p L	r if that is unsuccessful, it will be sent via 5267959900 oto@Irrc.com .EWIS ROCA ROTHGERBER CHRISTIE LL	US Mail.		
Correspondence will buusing a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	p rovided; 6 p L F	if that is unsuccessful, it will be sent via 5267959900 oto@Irrc.com .EWIS ROCA ROTHGERBER CHRISTIE LL POST OFFICE BOX 29001	US Mail.		
Correspondence will buusing a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	provided; 6 p L F G	if that is unsuccessful, it will be sent via 267959900 to@Irrc.com .EWIS ROCA ROTHGERBER CHRISTIE LL POST OFFICE BOX 29001 GLENDALE, CALIFORNIA 91203-1445	US Mail.		
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Correspondence will build using a fax number, if phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	provided; 6 p L F G	if that is unsuccessful, it will be sent via 267959900 to@Irrc.com EWIS ROCA ROTHGERBER CHRISTIE LL POST OFFICE BOX 29001 GLENDALE, CALIFORNIA 91203-1445 079396/OSB/EAJ ELIZABETH A. JUE	US Mail.		
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Docket No. 79396 Application No. 13/573,868

Joint

ASSIGNMENT

WHEREAS, WE, NARESH MENON, GREGORY H. BEARMAN, AND LEONARD NELSON, residing in Monrovia, California, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled CHARACTERIZATION OF A PHYSICAL OBJECT BASED ON ITS SURFACE ROUGHNESS, filed October 10, 2012, Application No. 13/573,868, together with claim to the priority of United States Provisional Application No. 61/630,127, filed December 2, 2011.

AND WHEREAS CHROMOLOGIC LLC, a California limited liability company, having a place of business at 1225 S. Shamrock Avenue, Monrovia, California 91016 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available international Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utilitymodel registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this _ day of 2016 Naresh Menon

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PATENT REEL: 039137 FRAME: 0170

ASSIGNMENT

WHEREAS, WE, NARESH MENON, GREGORY H. BEARMAN, AND LEONARD NELSON, residing in Monrovia, California, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled CHARACTERIZATION OF A PHYSICAL OBJECT BASED ON ITS SURFACE ROUGHNESS, filed October 10, 2012, Application No. 13/573,868, together with claim to the priority of United States Provisional Application No. 61/630,127, filed December 2, 2011.

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IN TESTIMONY WHEP	REOF, I hereunto set my hand this	day of	,
20			

Naresh Menon

PATENT REEL: 039137 FRAME: 0171 ASSIGNMENT Docket No. 79396 Application No. 13/573,868

IN TESTIMONY WHEREOF, I hereunto set my hand this __22nd ____ day of _____ to be a set of the set

/Gregory H. Bearman/ Gregory H. Bearman

IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, 20____.

Leonard Nelson

OSB/eaj

EAJ PAS1418076.1-*-05/5/16 4:35 PM

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Joint

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Docket No. 79396 Application No. 13/573,868

Joint

ASSIGNMENT

WHEREAS, WE, NARESH MENON, GREGORY H. BEARMAN, AND LEONARD NELSON, residing in Monrovia, California, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled CHARACTERIZATION OF A PHYSICAL OBJECT BASED ON ITS SURFACE ROUGHNESS, filed October 10, 2012, Application No. 13/573,868, together with claim to the priority of United States Provisional Application No. 61/630,127, filed December 2, 2011.

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IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, 20_____,

Naresh Menon

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ASSIGNMENT Docket No. 79396 Application No. 13/573,868

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IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of ____

Gregory H. Bearman

******* IN TESTIMONY WHEREOF, I hereunto set my hand this 7th 20_16_ day of <u>July</u>. Me T

Leonard Nelson

OSB/eaj

20____.

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PATENT REEL: 039137 FRAME: 0174

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Joint