

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM569690

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	MERGER		
<b>EFFECTIVE DATE:</b>	03/05/2020		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Metamaterial Technologies Inc.		03/05/2020	Corporation: CANADA
Continental Precious Minerals Subco		03/05/2020	Corporation: CANADA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Metacontinental Inc.		
<b>Street Address:</b>	1 Research Drive		
<b>City:</b>	Dartmouth, NS		
<b>State/Country:</b>	CANADA		
<b>Postal Code:</b>	B2Y 4M9		
<b>Entity Type:</b>	Corporation: CANADA		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	5791714	METAVISOR	
<b>Registration Number:</b>	5791713	METAAIR	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<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>Email:</b>	austin.padgett@troutman.com		
<b>Correspondent Name:</b>	Austin Padgett, Esq.		
<b>Address Line 1:</b>	600 Peachtree Street, NE, Suite 3000		
<b>Address Line 4:</b>	Atlanta, GEORGIA 30308		
<b>ATTORNEY DOCKET NUMBER:</b>	256600.2		
<b>DOMESTIC REPRESENTATIVE</b>			
<b>Name:</b>	Austin Padgett, Esq.		
<b>Address Line 1:</b>	600 Peachtree Street, NE, Suite 3000		
<b>Address Line 4:</b>	Atlanta, GEORGIA 30308		
<b>NAME OF SUBMITTER:</b>	Austin Padgett, Esq.		

CH \$65.00 5791714

<b>SIGNATURE:</b>	/Austin Padgett/
<b>DATE SIGNED:</b>	03/31/2020
<b>Total Attachments: 11</b> source=Amalgamation-Fusion#page1.tif source=Amalgamation-Fusion#page2.tif source=Amalgamation-Fusion#page3.tif source=US IP searches#page1.tif source=US IP searches#page2.tif source=US IP searches#page3.tif source=US IP searches#page4.tif source=US IP searches#page5.tif source=US IP searches#page6.tif source=US IP searches#page7.tif source=US IP searches#page8.tif	



## Certificate of Amalgamation

*Canada Business Corporations Act*

## Certificat de fusion

*Loi canadienne sur les sociétés par actions*

Metacontinental Inc.

Corporate name / Dénomination sociale

1194352-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the above-named corporation resulted from an amalgamation, under section 185 of the *Canada Business Corporations Act*, of the corporations set out in the attached articles of amalgamation.

JE CERTIFIE que la société susmentionnée est issue d'une fusion, en vertu de l'article 185 de la *Loi canadienne sur les sociétés par actions*, des sociétés dont les dénominations apparaissent dans les statuts de fusion ci-joints.

Raymond Edwards

Director / Directeur

2020-03-05

Date of Amalgamation (YYYY-MM-DD)  
Date de fusion (AAAA-MM-JJ)



**Canada Business Corporations Act (CBCA)  
FORM 9  
ARTICLES OF AMALGAMATION  
(Section 185)**

**1 - Corporate name of the amalgamated corporation**

Metacontinental Inc.

**2 - The province or territory in Canada where the registered office is situated (do not indicate the full address)**

Nova Scotia

**3 - The classes and any maximum number of shares that the corporation is authorized to issue**

the Corporation is authorized to issue an unlimited number of common shares.

**4 - Restrictions, if any, on share transfers**

None.

**5 - Minimum and maximum number of directors (for a fixed number of directors, indicate the same number in both boxes)**

Minimum number  Maximum number

**6 - Restrictions, if any, on the business the corporation may carry on**

There are no restrictions on the business the Corporation may carry on or on the powers the Corporation may exercise.

**7 - Other provisions, if any**

None.

**8 - The amalgamation has been approved pursuant to that section or subsection of the Act which is indicated as follows:**

<input checked="" type="radio"/> 183 - Long form: approved by special resolution of shareholders	<input type="radio"/> 184(1) - Vertical short-form: approved by resolution of directors	<input type="radio"/> 184(2) - Horizontal short-form: approved by resolution of directors
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**9 - Declaration**

I hereby certify that I am a director or an authorized officer of the following corporation:

Name of the amalgamating corporations	Corporation number	Signature
Continental Precious Minerals Subco	1155780 - 7	<i>Rharrharr</i>
Metamaterial Technologies Inc.	0850867 - 4	<i>[Signature]</i>

**Note:** Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5,000 or to imprisonment for a term not exceeding six months or to both (subsection 250(1) of the CBCA).



**Form 2**  
**Initial Registered Office Address  
and First Board of Directors**  
*Canada Business Corporations Act  
(CBCA) (s. 19 and 106)*

**Formulaire 2**  
**Siège social initial et premier  
conseil d'administration**  
*Loi canadienne sur les sociétés par  
actions (LCSA) (art. 19 et 106)*

1 Corporate name  
Dénomination sociale  
**Metacontinental Inc.**

2 Address of registered office  
Adresse du siège social  
**1 Research Drive  
Dartmouth NS B2Y 4M9**

3 Additional address  
Autre adresse

4 Members of the board of directors Membres du conseil d'administration		Resident Canadian Résident Canadien
Ram Ramkumar	38 Pheasant Lane, Etobicoke ON M9A 1T4, Canada	Yes / Oui
George Palikaras	80 Holtwood Court, Apt. 415, Dartmouth NS B2W 0M2, Canada	Yes / Oui

5 Declaration: I certify that I have relevant knowledge and that I am authorized to sign this form.  
Déclaration : J'atteste que je possède une connaissance suffisante et que je suis autorisé(e) à signer le présent formulaire.

Original signed by / Original signé par  
**Ram Ramkumar**

**Ram Ramkumar**  
**416-574-8072**

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.

**PATENT REGISTRATIONS & PENDING APPLICATIONS**

No.	Description	Application Number	Registration Number	Owner
1.	METAMATERIAL OPTICAL FILTER AND METHOD FOR PRODUCING THE SAME	15/653,374	Pending Filed Jul 18, 2017	Metamaterial Technologies Inc. 1 Research Drive Dartmouth, Nova Scotia Canada, B2Y4M9
2.	ANTI-COUNTERFEITING FEATURES AND METHODS OF FABRICATION AND DETECTION	15/360,884	10,395,461 Filed Nov 23, 2016 Issued Aug 27, 2019	Metamaterial Technologies USA, Inc. 5880 W. Las Positas Boulevard Suite 51 Pleasanton, CA 94588
3.	LARGE AREA NANOPATTERNING METHOD AND APPARATUS	13/416,716	9,645,504 Filed Mar 9, 2012 Issued May 9, 2017	Metamaterial Technologies USA, Inc.
4.	METHOD OF FABRICATING CYLINDRICAL POLYMER MASK	15/236,240	9,981,410 Filed Aug 12, 2016 Issued May 29, 2018	Metamaterial Technologies USA, Inc.
5.	ROLLING HOLOGRAPHIC LITHOGRAPHY	15/398,607	Pending Filed Jan 4, 2017	Metamaterial Technologies USA, Inc.
6.	SELF-CLEANABLE TRANSPARENT CONDUCTIVE SURFACE/FILM	15/592,125	Pending Filed May 10, 2017	Metamaterial Technologies USA, Inc.
7.	CYLINDRICAL MASTER MOLD ASSEMBLY FOR CASTING CYLINDRICAL MASKS	13/756,370	9,481,112 Filed Jan 31, 2013 Issued Nov 1, 2016	Metamaterial Technologies USA, Inc.

No.	Description	Application Number	Registration Number	Owner
8.	CYLINDRICAL MASTER MOLD AND METHOD OF FABRICATION	13/756,348	9,782,917 Filed Jan 31, 2013 Issued Oct 10, 2017	Metamaterial Technologies USA, Inc.
9.	METHOD AND APPARATUS FOR ANISOTROPIC ETCHING	12/587,078	8,425,789 Filed Oct 1, 2009 Issued Apr 23, 2013	Metamaterial Technologies USA, Inc.
10.	LARGE AREA NANOPATTERNING METHOD AND APPARATUS	12/384,219	8,518,633 Filed Apr 1, 2009 Issued Aug 27, 2013	Metamaterial Technologies USA, Inc.
11.	METHOD AND DEVICE FOR PATTERNING A DISK	12/384,167	8,182,982 Filed Apr 1, 2009 Issued May 22, 2012	Metamaterial Technologies USA, Inc.
12.	LITHOGRAPHY METHOD	12/386,899	8,192,920 Filed Apr 24, 2009 Issued Jun 5, 2012	Metamaterial Technologies USA, Inc.
13.	MATERIAL DEPOSITION OVER TEMPLATE	12/455,938	8,334,217 Filed Jun 8, 2009 Issued Dec 18, 2012	Metamaterial Technologies USA, Inc.
14.	FABRICATION OF NANOSTRUCTURED DEVICES	12/462,625	8,318,386 Filed Aug 6, 2009 Issued Nov 27, 2012	Metamaterial Technologies USA, Inc.
15.	NANOPATTERNING METHOD AND APPARATUS	13/546,436	9,465,296 Filed Jul 11, 2012 Issued Oct 11, 2016	Metamaterial Technologies USA, Inc.



No.	Description	Application Number	Registration Number	Owner
16.	MASK FOR NEAR-FIELD LITHOGRAPHY AND FABRICATION THE SAME	13/767,639	9,069,244 Filed Feb 14, 2013 Issued Jun 30, 2015	Metamaterial Technologies USA, Inc.
17.	PLASMONIC LITHOGRAPHY USING PHASE MASK	14/229,762	9,116,430 Filed Mar 28, 2014 Issued Aug 25, 2015	Metamaterial Technologies USA, Inc.
18.	TRANSPARENT METAL MESH AND METHOD OF MANUFACTURE	14/244,803	9,244,356 Filed Apr 3, 2014 Issued Jan 26, 2016	Metamaterial Technologies USA, Inc.
19.	FILTER MADE OF METAMATERIALS	14/349,931	Pending Filed Apr 4, 2014	Lamda Guard Technologies, Ltd. Suite 7 QMB Innovation Centre 42 New Road London E1 2AX Great Britain
20.	OPTICAL DEVICE	14/385,017	9,890,925 Filed Sep 12, 2014 Issued Feb 13, 2018	Lamda Guard Technologies, Ltd.
21.	OPTICAL DIODE COMPRISING COMPONENTS MADE FROM METAMATERIALS	14/778,878	9,791,724 Filed Sep 21, 2015 Issued Oct 17, 2017	Lamda Guard Technologies, Ltd.
22.	TAPERED OPTICAL WAVEGUIDE COUPLED TO PLASMONIC GRATING STRUCTURE	14/892,156	Pending Filed Nov 18, 2015	Lamda Guard Technologies, Ltd.

No.	Description	Application Number	Registration Number	Owner
23.	FILTER MADE OF METAMATERIALS	16/170,568	Pending Filed Oct 25, 2018	Lamda Guard Technologies, Ltd.
24.	ELECTROMAGNETIC IMAGING	14/389,293	10,485,445 Filed Sep 29, 2014 Issued Nov 26, 2019	Medical Wireless Sensing, Ltd. 42 New Road, Suite 7 QMB Innovation Centre London E1 2AX Great Britain
25.	MICROWAVE TOMOGRAPHY SYSTEM	16/070,724	Pending Filed Jul 17, 2018	Medical Wireless Sensing, Ltd.
26.	SENSOR	15/121,364	Pending Filed Aug 24, 2016	Medical Wireless Sensing, Ltd.

**TRADEMARK REGISTRATIONS & PENDING APPLICATIONS**

TM/AN/RN/Disclaimer	Status/Key Dates	Full Goods/Services	Owner / Recordation Notes
<u>METAVISOR</u> RN: 5791714 SN: 87884524	Registered Jul. 2, 2019 Int'l Class: 009 Filed Apr. 19, 2018	(Int'l Class: 009) Dielectric optical metamaterial filters; optical filters; optical deflectors for nonmedical purposes; filters for optical devices, namely, protective eyewear; optical filters for glasses, visors and goggles to provide protection from lasers; bright lights or electromagnetic radiation; optical filters for screens and displays; optical filters for interactive video walls, architecture and smart windows; optical filters for use on displays on clothing, footwear and headgear; optical filters for use on sports equipment and apparatus; contact lenses; eyewear, namely, glasses and goggles; visors for eye protection; colour enhancing contact lenses, glasses, visors, and goggles; wearable computing devices, namely, smart glasses; camera filters; lens filters for cameras; virtual reality filters; augmented reality filters; filters for illumination appliances and apparatus; filters for laser and light shows; smart watches	Metamaterial Technologies Inc. Technology and Innovation Centre Ste 215 1 Research Drive Dartmouth, Nova Scotia Canada, B2Y4M9
<u>METAIR</u> RN: 5791713 SN: 87884411	Registered Jul. 2, 2019 Int'l Class: 009 & 012 Filed Apr. 19, 2018	(Int'l Class: 009) Dielectric optical metamaterial filters; optical filters; optical deflectors for nonmedical purposes; filters for optical devices, instruments and apparatus; filters to provide protection against electromagnetic radiation; filters to provide protection against lasers and bright lights; eyewear; protective eyewear and goggles; video screens; visors for eye protection; optical sensors; periscopes; night vision goggles and device (Int'l Class: 012) Windscreens and windows for aircraft, airplanes, ships, boats, trains and buses; windscreens and windows for vehicles; windscreens, windows and glass for unmanned aerial vehicles (UAVs) and drones; automotive glass	Metamaterial Technologies Inc.
<u>GLUCOWISE</u> RN: 5900489 SN: 88118571	Registered Nov. 5, 2019 Int'l Class: 009, 010, 042 & 044 Filed Sep. 15, 2018	(Int'l Class: 009) Mobile application software for use with blood glucose monitors; mobile application software for the collection and analysis of data relating to blood glucose levels; mobile application software for the calculation and forecasting of trends in blood glucose levels (Int'l Class: 010)	Medical Wireless Sensing Ltd. Suite 7 OMB Innovation Centre 42 New Road London United Kingdom E12AX

TM/AN/RN/Disclaimer	Status/Key Dates	Full Goods/Services	Owner / Recordation Notes
		<p>Blood glucose monitors; non-invasive blood glucose monitors  (Int'l Class: 042)  Providing non-downloadable cloud-based data management system software for the storage and consolidation of data relating to diabetes and the monitoring of blood glucose levels  (Int'l Class: 044)  Medical advice relating to diabetes and blood glucose monitoring; healthcare services relating to diabetes and blood glucose monitoring</p>	

**TRADEMARK**

**REEL: 006903 FRAME: 0514**