

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4960703

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
R.A. INVESTMENT MANAGEMENT S.A.R.L.	06/30/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NUGRIPMETAL S.A.R.L.
<b>Street Address:</b>	46A, AVENUE J.F. KENNEDY
<b>City:</b>	LUXEMBOURG
<b>State/Country:</b>	LUXEMBOURG
<b>Postal Code:</b>	L-1855
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9463502
<b>Application Number:</b>	15259433
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)541-3195
<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>	(404)815-6500
<b>Email:</b>	sharvey@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET NE
<b>Address Line 2:</b>	MAILSTOP: IP DOCKETING - 22
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	104172-1005484 1023137
<b>NAME OF SUBMITTER:</b>	SANDEE HARVEY
<b>SIGNATURE:</b>	/Sandee Harvey/
<b>DATE SIGNED:</b>	05/15/2018
<b>Total Attachments: 26</b>	
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Dated 30 June 2016

## CONTRIBUTION AGREEMENT

between

**R.A. Investment Management S.à r.l.**

as Contributor

and

**NuGripmetal S.à r.l.**

as Contributtee

● **NautaDutilh**  
Avocats Luxembourg

NautaDutilh Avocats Luxembourg S.à r.l.  
2, rue Jean Bertholet  
L-1233 Luxembourg

Telephone: +352 26 12 29 1  
Facsimile: +352 26 68 43 31

## CONTRIBUTION AGREEMENT

This CONTRIBUTION AGREEMENT (the "**Contribution Agreement**") dated 30 June 2016 is made by and between:

- (1) **R.A. Investment Management S.à r.l.**, a Luxembourg private limited liability company (*société à responsabilité limitée*) with a share capital of [REDACTED] having its registered office at 46A, avenue J.F. Kennedy, L-1855 Luxembourg, registered with the Luxembourg Trade and Companies Register under number B 156769 (the "**Contributor**");  
and
- (2) **NuGripmetal S.à r.l.**, a company to be incorporated on or around the date hereof in front of a Luxembourg civil law notary as a Luxembourg private limited liability company (*société à responsabilité limitée*) with a share capital of [REDACTED] and which will have its registered office at 46A, avenue J.F. Kennedy, L-1855 Luxembourg (the "**Contributtee**").

The Contributor and the Contributtee are hereinafter referred to as the "**Parties**", or separately a "**Party**".

**WHEREAS**, the Contributor is the owner of (i) all [REDACTED] shares with a nominal value of [REDACTED] each in the share capital of Gripmetal Limited, a limited liability company established under the laws of Ireland, with its registered office at 25-28 North Wall Quay, Dublin 1, Ireland, registered with the Ireland Companies Registration Office under number 527980 (the "**Gripmetal Shares**"), (ii) the process for manufacturing products according to the NRX Process (as defined in Schedule A hereto) (the "**Technology**"), and (iii) the patents, designs and trademarks specified in Schedule B hereto (the "**IP Rights**").

**WHEREAS**, the Parties agree that the Contributor shall contribute an amount of [REDACTED] by a contribution in kind consisting of the Gripmetal Shares, the Technology and the IP Rights, as a capital contribution on the existing shares of the Company to the Contributtee, in exchange for the issue by the Contributtee of an aggregate of [REDACTED] shares with a nominal value of [REDACTED] each (the "**Shares**") in its share capital (the "**Contribution**"), at the occasion of the incorporation of the Contributtee in front of a Luxembourg civil law notary on or around 30 June 2016 (the "**Effective Date**").

**WHEREAS**, any balance will remain booked as share premium in the books of the Contributtee.

**WHEREAS**, the Contribution shall be made on the terms and conditions contained in this Contribution Agreement.

**NOW THEREFORE**, in consideration of the mutual agreements herein contained, the Parties hereby agree as follows:

## 1. CONTRIBUTION

The Contributor hereby agrees to, on the Effective Date, subscribe to the Shares and the Contributor hereby agrees to, on the Effective Date, issue the Shares to the Contributor for an aggregate subscription price equal to [REDACTED]

The Contributor furthermore agrees to, on the Effective Date, transfer and assign any and all of its rights under the NRX master license agreement dated 14 June 2013 between the Contributor and NRX Factor Limited (now: Gripmetal Limited), to the Contributor, who accepts such transfer and assignment.

The Parties agree that the Shares shall be paid in kind by the Contributor by way of the contribution and transfer to the Contributor (such contribution to be recorded in a notarial instrument enacting the incorporation of the Contributor before a Luxembourg civil law notary) of the Gripmetal Shares, the Technology and the IP Rights.

The Contributor declares that (i) it is the sole owner of the Gripmetal Shares and has the power to dispose of the Gripmetal Shares, (ii) there exist no impediments whatsoever to the free transferability and contribution of the Gripmetal Shares to the Contributor, (iii) there are no pre-emptive or other rights under which a person may be entitled to acquire one or more Gripmetal Shares and (iv) that valid instructions have been given to undertake all notifications, registrations or other formalities necessary to perform a valid transfer of the Gripmetal Shares to the Contributor.

The Parties furthermore agree that the Gripmetal Shares, the Technology and the IP Rights shall be valued in aggregate at their book value at [REDACTED]. The Contributor hereby expressly agrees with the description of the contribution and with its value.

## 2. TRANSFER - RECEIPT OF CONTRIBUTION

The transfer of full ownership of the Contribution from the Contributor to the Contributor shall take place on the Effective Date. Any rights attached to the Contribution shall accrue to the Contributor as of the Effective Date.

Ownership of the Contribution itself shall be transferred and assigned to the Contributor free and clear of any pledge, liens or encumbrances or other security interest, attachment or similar restriction of any kind securing any obligation of any person, or any other agreement or arrangement having a similar effect or limiting the right of transfer.

## 3. CONSIDERATION

The Parties agree that the Contribution shall be made in exchange for the issue by the Contributor of the Shares.

## 4. WARRANTIES

Each of the Parties hereby warrants, represents and undertakes to the other that:

- 4.1 it has the legal right and full power and authority to execute and deliver the Contribution Agreement and to exercise its rights and perform its obligations thereunder;
- 4.2 all corporate action(s) required by it to validly and duly authorize the execution and delivery of the Contribution Agreement as well as the exercise of its rights and performance of its obligations thereunder has (have) been duly taken;
- 4.3 the execution and performance of this Contribution Agreement do not and will not breach its articles of association or other constitutional documents or any agreement or obligation by which it is bound, or violate any applicable law; and
- 4.4 this Contribution Agreement (when executed) will be valid and binding on it and enforceable against it in accordance with its terms and conditions.

## 5. AMENDMENTS AND MODIFICATIONS

Any amendments and modifications to this Contribution Agreement are subject to the written approval of the Parties.

## 6. FURTHER ASSURANCES

- 6.1 At any time (whether before or after the date of this Contribution Agreement), each Party hereto shall do and execute, or procure to be done and executed, all necessary acts, deeds, documents and/or things as may be reasonably requested of it by the other Party to give effect to this Contribution Agreement.
- 6.2 All powers are granted to the holder of an original version of the Contribution Agreement in order to carry out the required formalities to give effect to this Contribution Agreement.

## 7. BENEFIT OF THE AGREEMENT AND ASSIGNMENTS

- 7.1 This Contribution Agreement shall be binding upon and inure to the benefit of each Party hereto and its successors and assignees.
- 7.2 No Party may assign any of its rights under the Contribution Agreement without the prior written consent of the other Party.

## 8. REMEDIES AND WAIVERS

No failure by either Party to exercise or any delay by either Party in exercising any right or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right or remedy prevent any further or other exercise thereof or the exercise of any other right or remedy. The rights and remedies herein provided are cumulative and not exclusive of any rights or remedies provided by law.

## 9. AMENDMENTS

This Contribution Agreement may be amended only by a written instrument executed by the Parties or their respective successors or assigns. The section and clause headings contained in

this Contribution Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Contribution Agreement.

#### **10. INVALIDITY**

If any of the provisions of this Contribution Agreement is held invalid or unenforceable, and unless the invalidity or enforceability thereof does substantial violence to the underlying intent and sense of the remainder of this Contribution Agreement, such invalidity or unenforceability shall not affect in any way the validity or enforceability of any other provisions of this Contribution Agreement except the invalidated or unenforceable provision. In the event any provision is held invalid or unenforceable, the Parties shall attempt to agree on a valid and enforceable provision which shall be a reasonable substitute for such invalid or unenforceable provision in the light of the content of this Contribution Agreement and, on so agreeing, shall incorporate such substitute provision in this Contribution Agreement.

#### **11. NOTICES**

All notices, requests, permissions, waivers and other communications hereunder shall be in writing in the English language and shall be deemed to have been duly given if signed by the respective persons giving them (in the case of a company, the signature shall be by a duly authorized officer thereof) and delivered by hand, or deposited in the mail (registered, return receipt requested), properly addressed and postage prepaid or by facsimile (provided the same is confirmed by mail, as above sent within one day of dispatch) to the registered office of the other Party.

#### **12. GOVERNING LAW AND JURISDICTION**

- 12.1** This Contribution Agreement is governed by, and shall be construed in accordance with the laws of Luxembourg.
- 12.2** The Parties hereby agree that the courts of Luxembourg shall have exclusive jurisdiction to settle any dispute, which may arise out of, or in connection with this Contribution Agreement, and that accordingly any proceeding, suit or action arising out of or in connection with this Contribution Agreement may be brought in such courts.

#### **13. COUNTERPARTS**

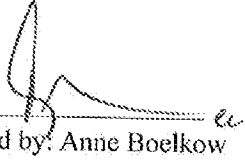
This Contribution Agreement is drawn up in two originals. Each original may be executed in one or more counterparts and all of which, when taken together, shall be deemed to be one and the same original.

The Parties hereto or their duly authorised representatives have executed this Contribution Agreement in two originals the day and year first above written, each Party acknowledging to have received one copy.

*[Signature pages to follow]*

**THE CONTRIBUTOR**

**R.A. Investment Management S.à r.l.**



represented by: Annie Boelkow *ec*

Title: Manager

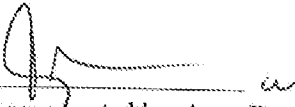




**THE CONTRIBUTEE**

**NuGripmetal S.à r.l.**

Represented by R.A. Investment Management S.à r.l., as founding shareholder

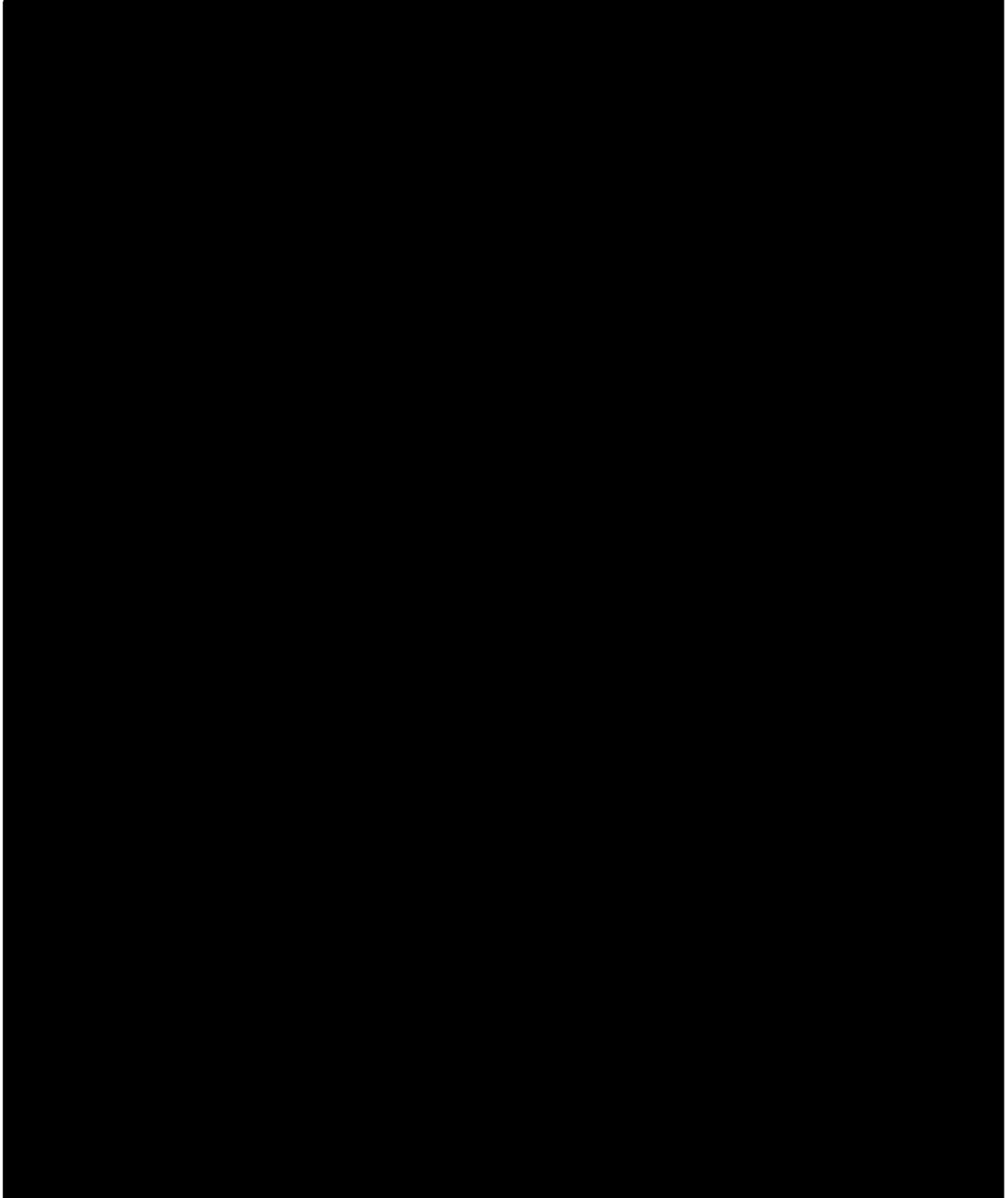
  
In turn represented by: Anne Boelkow *AB*

Title: Manager

*AB*

**Schedule A**  
**[CONFIDENTIAL]**

**"NRX Process" means:**



## Schedule B

### Patents, Designs and Trademarks

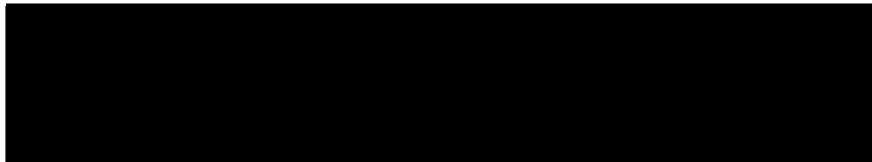
#### Part 1

##### Patent & Design Applications

- CA 2,780,397 – Process for Making a Laminated Sheet
- CA D 145893 – Coiled Material with Surface Hook Texture
- CA 2,778,455 – Bulk Textured Material Sheeting
- US 29/438,414 – Coiled Material with Surface Hook Texture
- OHIM 00 2144139 – Coiled Material with Surface Hook Texture
- JP 2012-29215 – Coiled Material with Surface Hook Texture
- CN 201230587037.0 – Coiled Material with Surface Hook Texture
- BR (TBA) – Coiled Material
- IN D249760 – Coiled Material with Surface Hook Texture
- TW 101307023 – Coiled Material with Surface Hook Texture
- CA 2,798,303 – Composite Disc Brake Backing Plate

#### Part 2

##### Trademarks



**AMENDMENT AGREEMENT**

between

**Nucap Industries Inc.**

As successor of

**R.A. Investment Management S.à r.l. (*dissolved*)**

as Contributor

and

**NuGripmetal S.à r.l.**

as Contributtee

dated 5 December 2017

relating to the contribution agreement dated 30 June 2016

**THIS AMENDMENT AGREEMENT** (the "**Amendment Agreement**") is made on 5 December 2017 with an effective date as of 30 June 2016 (the "**Amendment Effective Date**") by and between:

- (1) **Nucap Industries Inc.**, a corporation governed by the laws of the Province of Ontario, Canada, having its registered office at 3370 Pharmacy Avenue, Toronto, ON M1W 3K4, Canada, with Ontario Corporation Number 1786985, hereinafter referred to as the "**Contributor**", taking over the rights and obligations of **R.A. Investment Management S.à r.l.**, a Luxembourg private limited liability company (*société à responsabilité limitée*), dissolved without liquidation on 6 April 2017, hereinafter referred to as "**R.A. Investment**";

and

- (2) **NuGripmetal S.à r.l.**, a Luxembourg private limited liability company (*société à responsabilité limitée*), having its registered office at 46A, avenue J.F. Kennedy, L-1855 Luxembourg and registered with the Luxembourg Trade and Companies register under number B207359 (the "**Contributee**").

The Contributor and the Contributee are hereinafter referred to as the "**Parties**", or separately a "**Party**".

**WHEREAS**, on 30 June 2016, R.A. Investment and the Contributee entered into a Luxembourg law governed contribution agreement (the "**Contribution Agreement**") in which the Contributee and R.A. Investment agreed that R.A. Investment shall contribute an amount of [REDACTED] (the "**Contribution Amount**") by a contribution in kind consisting of (i) all [REDACTED] with a nominal value of [REDACTED] each in the share capital of Gripmetal Limited, a limited liability company established under the laws of Ireland (ii) the process for manufacturing products according to the NRX Process as defined in Schedule A of the Contribution Agreement and (iii) the patents, designs and trademarks specified in Schedule B of the Contribution Agreement (the "**IP Rights**") at the occasion of the incorporation of the Contributee.

**WHEREAS**, on 6 April 2017, R.A. Investment was dissolved without liquidation, by a decision of the Contributor in its capacity of sole shareholder of R.A. Investment (the "**Dissolution**").

As a result of the Dissolution, all assets and liabilities of R.A. Investment were transferred to the Contributor.

**WHEREAS**, after the execution of the Contribution Agreement, the Parties have noted that certain patents, designs and trademarks were contributed by R.A. Investment to the Contributee at the effective date of the Contribution Agreement but were erroneously not included in the list of IP Rights set out in Schedule B of the Contribution Agreement (the "**Additional IP Rights**") but that the Contribution Amount paid by the Contributor included the value of the Additional IP Rights.

**WHEREAS**, the Parties hereby agree to amend and replace the Contribution Agreement with effect as of the Amendment Effective Date, as reflected in the terms and conditions set forth in this Amendment Agreement, in order to document the Parties' amendment to Schedule B of the Contribution Agreement with effect as of the Amendment Effective Date.

**PATENT**

**REEL: 046153 FRAME: 0245**

**NOW, THEREFORE**, in consideration of the mutual covenants herein contained, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**ARTICLE 1 – AMENDMENT**

Schedule B to the Contribution Agreement is hereby replaced by the **Amended Schedule B** as attached hereto.

**ARTICLE 2 – CONTINUATION OF THE CONTRIBUTION AGREEMENT**

Save as amended by this Amendment Agreement, the provisions of the Contribution Agreement shall continue in full force and effect and the Contribution Agreement and this Amendment Agreement shall be read and construed as one instrument.

No other article or clause of the Contribution Agreement shall be affected by the present Amendment Agreement.

**ARTICLE 3 – COUNTERPARTS**

This Amendment Agreement may be executed in any number of counterparts and by the Parties on separate counterparts, each of which when so executed and delivered shall be an original but all counterparts shall together constitute one and the same instrument.

**ARTICLE 4 – ENTIRE AGREEMENT**

This Amendment Agreement sets forth the entire agreement and understanding between the Parties in respect of the subject matter of this Amendment Agreement and the documents referred to in it. No variation of this Amendment Agreement shall be effective unless signed for or on behalf of the Parties hereto.

**ARTICLE 5 – GOVERNING LAW**

This Amendment Agreement shall be governed by, and construed in accordance with, the laws of the Grand Duchy of Luxembourg.

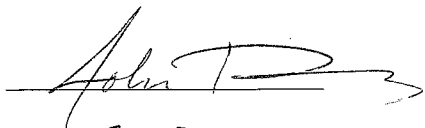
**ARTICLE 6 – JURISDICTION**

The Parties irrevocably agree that the courts of Luxembourg-City shall have exclusive jurisdiction to hear and determine any suit, action or proceeding and to settle any disputes which may arise out of or in connection with this Amendment Agreement.

**IN WITNESS WHEREOF** the Parties have caused this Amendment Agreement to be duly executed in two counterparts on the date first above written.

*[signature page follows]*

Nucap Industries Inc., as successor of R.A. Investment Management S.à r.l., represented by:



Name: JOHN DINIZ.

Title: CHIEF FINANCIAL OFFICER.

NuGripmetal S.à r.l., represented by: Anne Boelkow



Title: Manager and authorised signatory



**Amended Schedule B**

**Patents, Designs and Trademarks**

**Part 1**

**Patent & Design Applications**

- CA 2,780,397 – Process for Making a Laminated Sheet
- CA D 145893 – Coiled Material with Surface Hook Texture
- CA 2,778,455 – Bulk Textured Material Sheeting
- US 29/438,414 – Coiled Material with Surface Hook Texture
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- CN 201230587037.0 – Coiled Material with Surface Hook Texture
- BR (TBA) – Coiled Material
- IN D249760 – Coiled Material with Surface Hook Texture
- TW 101307023 – Coiled Material with Surface Hook Texture
- CA 2,798,303 – Composite Disc Brake Backing Plate

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48318PC00	PCT Application	BULK TEXTURED MATERIAL SHEETING	PCT/CA2013/000500	May 23, 2013		
24148-P48325AT00	Austria	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325DE00	Germany	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		



Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48325DK00	Denmark	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325FR00	France	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325GB00	United Kingdom	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325IT00	Italy	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325PC00	PCT Application	PROCESS FOR MAKING A LAMINATED SHEET	PCT/CA2013/000501	May 23, 2013		
24148-P48325PL00	Poland	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48325SE00	Sweden	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	May 23, 2013		
24148-P48334CA00	Canada	METAL AND GRAPHITE LAMINATE	2821897	Jul 26, 2013		
24148-P48331CA00	Canada	JOINING OF TEXTURED SHEET MATERIALS	2833495	Nov 18, 2013		

**PATENT**

**REEL: 046153 FRAME: 0249**

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48342PC00	PCT Application	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	PCT/IB2013/002968	Nov 22, 2013		
24148-P48342TW00	Taiwan	COMPOSITE DISC BRAKE BACKING PLATE	102142899	Nov 25, 2013		
24148-P48334PC00	PCT Application	METAL AND GRAPHITE LAMINATE	PCT/CA2014/000579	Jul 21, 2014		
24148-P48338CA00	Canada	COMPOSITE DISC BRAKE BACKING PLATE	2865384	Sep 26, 2014		
24148-P48340CA00	Canada	MATERIAL WITH VARIABLE HEIGHT BARBS	2865386	Sep 26, 2014		
24148-P48342US00	United States of America	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	14/534005	Nov 05, 2014		
24148-P48338US00	United States of America	COMPOSITE DISC BRAKE BACKING PLATE ("metal core")	14/534653	Nov 06, 2014		
24148-P48318US00	United States of America	BULK TEXTURED MATERIAL SHEETING	14/553741	Nov 25, 2014		
24148-P48318CN00	China	BULK TEXTURED MATERIAL SHEETING	201380027691.8	Nov 26, 2014	PCT/CA2013/000500	May 23, 2013

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48318BR00	Brazil	BULK TEXTURED MATERIAL SHEETING	BR1120140 29641-3	Nov 27, 2014	PCT/CA201 3/000500	May 23, 2013
24148-P48325IN00	India	PROCESS FOR MAKING A LAMINATED SHEET	8648/CHEN P/2014	Nov 27, 2014	PCT/CA201 3/000501	May 23, 2013
24148-P48318JP00	Japan	BULK TEXTURED MATERIAL SHEETING	2015- 514294	Nov 28, 2014	PCT/CA201 3/000500	May 23, 2013
24148-P48318IN00	India	BULK TEXTURED MATERIAL SHEETING	8768/CHEN P/2014	Dec 03, 2014	PCT/CA201 3/000500	May 23, 2013
24148-P48325US00	United States of America	PROCESS FOR MAKING A LAMINATED SHEET	14/568462	Dec 12, 2014		
24148-P48325BR00	Brazil	PROCESS FOR MAKING A LAMINATED SHEET	BR1120140 31445-4	Dec 16, 2014	PCT/CA201 3/000501	May 23, 2013
24148-P48325CN00	China	PROCESS FOR MAKING A LAMINATED SHEET	2013800320 16.4	Dec 17, 2014	PCT/CA201 3/000501	May 23, 2013
24148-P48325JP00	Japan	PROCESS FOR MAKING A LAMINATED SHEET	2015- 517560	Dec 17, 2014	PCT/CA201 3/000501	May 23, 2013
24148-P48318EP00	European Patent Application	BULK TEXTURED MATERIAL SHEETING	13798052.0	Dec 23, 2014	PCT/CA201 3/000500	May 23, 2013

**PATENT**

**REEL: 046153 FRAME: 0251**

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48325EP00	European Patent Application	PROCESS FOR MAKING A LAMINATED SHEET	13806600.6	Dec 23, 2014	PCT/CA2013/000501	May 23, 2013
24148-P48327US00	United States of America	HOLLOW CORE COMPOSITE	14/580333	Dec 23, 2014		
24148-P48318RU00	Russian Federation	BULK TEXTURED MATERIAL SHEETING	2014153057	Dec 26, 2014	PCT/CA2013/000500	May 23, 2013
24148-P48325RU00	Russian Federation	PROCESS FOR MAKING A LAMINATED SHEET	2014153060	Dec 26, 2014	PCT/CA2013/000501	May 23, 2013
24148-P48340US00	United States of America	MATERIAL WITH VARIABLE HEIGHT BARBS	14/590444	Jan 06, 2015		
24148-P48328US00	United States of America	THIN LAYER LAMINATE	14/593105	Jan 09, 2015		
24148-P48329US00	United States of America	HYBRID LAMINATE	14/615310	Feb 05, 2015		
24148-P48330US00	United States of America	MATERIAL WITH SELF-LOCKING BARBS	14/617658	Feb 09, 2015		
24148-P48342BR00	Brazil	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	BR112015013045-3	Jun 03, 2015	PCT/IB2013/002968	Nov 22, 2013

PATENT

REEL: 046153 FRAME: 0252

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48342JP00	Japan	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	2015-546103	Jun 04, 2015	PCT/IB2013/002968	Nov 22, 2013
24148-P48342IN00	India	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	4887/DELN P/2015	Jun 05, 2015	PCT/IB2013/002968	Nov 22, 2013
24148-P48342EP00	European Patent Application	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	13830090.0	Jul 06, 2015	PCT/IB2013/002968	Nov 22, 2013
24148-P48342RU00	Russian Federation	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	2015127203	Jul 07, 2015	PCT/IB2013/002968	Nov 22, 2013
24148-P48336CA01	Canada	SYSTEM AND METHOD FOR ADDITIVE MANUFACTURING OF A THREE-DIMENSIONAL OBJECT	2898344	Jul 24, 2015		
24148-P48336PC00	PCT Application	SYSTEM AND METHOD FOR ADDITIVE MANUFACTURING OF A THREE-DIMENSIONAL OBJECT	PCT/IB2015/055632	Jul 24, 2015		

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Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48336US01	United States of America	SYSTEM AND METHOD FOR ADDITIVE MANUFACTURING OF A THREE-DIMENSIONAL OBJECT	14/808448	Jul 24, 2015		
24148-P48342CN00	China	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	2013800720006	Jul 31, 2015	PCT/IB2013/002968	Nov 22, 2013
24148-P48338BR00	Brazil	COMPOSITE DISC BRAKE BACKING PLATE ('metal core')	102015024590-4	Sep 24, 2015		
24148-P48338CA01	Canada	COMPOSITE DISC BRAKE BACKING PLATE ('metal core')	2905922	Sep 24, 2015		
24148-P48338IN00	India	COMPOSITE DISC BRAKE BACKING PLATE ('metal core')	3038/DEL/2015	Sep 24, 2015		
24148-P48338US01	United States of America	COMPOSITE DISC BRAKE BACKING PLATE ('metal core')	14/863923	Sep 24, 2015		
24148-P48340BR00	Brazil	MATERIAL WITH VARIABLE HEIGHT BARBS	102015024527-0	Sep 24, 2015		

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48340CA01	Canada	MATERIAL WITH VARIABLE HEIGHT BARBS	2905923	Sep 24, 2015		
24148-P48340IN00	India	MATERIAL WITH VARIABLE HEIGHT BARBS	3039/DEL/2015	Sep 24, 2015		
24148-P48340RU00	Russian Federation	MATERIAL WITH VARIABLE HEIGHT BARBS	2015140729	Sep 24, 2015		
24148-P48340US01	United States of America	MATERIAL WITH VARIABLE HEIGHT BARBS	14/863977	Sep 24, 2015		
24148-P48338CN00	China	COMPOSITE DISC BRAKE BACKING PLATE ('metal core")	201510624358.6	Sep 25, 2015		
24148-P48338EP00	European Patent Application	COMPOSITE DISC BRAKE BACKING PLATE ('metal core")	15186819.7	Sep 25, 2015		
24148-P48338JP00	Japan	COMPOSITE DISC BRAKE BACKING PLATE ('metal core")	2015-188786	Sep 25, 2015		
24148-P48338RU00	Russian Federation	COMPOSITE DISC BRAKE BACKING PLATE ('metal core")	2015140907	Sep 25, 2015		

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48338TW00	Taiwan	COMPOSITE DISC BRAKE BACKING PLATE ("metal core")	104131859	Sep 25, 2015		
24148-P48340EP00	European Patent Application	MATERIAL WITH VARIABLE HEIGHT BARBS	15186839.5	Sep 25, 2015		
24148-P48340JP00	Japan	MATERIAL WITH VARIABLE HEIGHT BARBS	2015-188789	Sep 25, 2015		
24148-P48340TW00	Taiwan	MATERIAL WITH VARIABLE HEIGHT BARBS	104131860	Sep 25, 2015		
24148-P48340CN00	China	MATERIAL WITH VARIABLE HEIGHT BARBS	2015106275981	Sep 28, 2015		
24148-P48327PC00	PCT Application	COMPOSITE PANEL AND METHOD FOR MAKING COMPOSITE PANEL	PCT/IB2015/059561	Dec 11, 2015		
24148-P48325US01	United States of America	PROCESS FOR MAKING A LAMINATED SHEET	14/972883	Dec 17, 2015		
24148-P48325US02	United States of America	PROCESS FOR MAKING A LAMINATED SHEET	14/972868	Dec 17, 2015		



Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48327TW00	Taiwan	COMPOSITE PANEL AND METHOD FOR MAKING COMPOSITE PANEL	104143190	Dec 22, 2015		
24148-P48328CA00	Canada	THIN LAYER LAMINATE	2917245	Jan 08, 2016		
24148-P48334IN00	India	METAL AND GRAPHITE LAMINATE	201617001977	Jan 19, 2016	PCT/CA2014/000579	Jul 21, 2014
24148-P48334JP00	Japan	METAL AND GRAPHITE LAMINATE	2016-516018	Jan 20, 2016	PCT/CA2014/000579	Jul 21, 2014
24148-P48334BR00	Brazil	METAL AND GRAPHITE LAMINATE	112016001603-3	Jan 25, 2016	PCT/CA2014/000579	Jul 21, 2014
24148-P48334US01	United States of America	METAL AND GRAPHITE LAMINATE	14/907350	Jan 25, 2016	PCT/CA2014/000579	Jul 21, 2014
24148-P48329CA00	Canada	HYBRID LAMINATE	2919497	Jan 29, 2016		
24148-P48330CA00	Canada	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	2919811	Feb 03, 2016		
24148-P48330US01	United States of America	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	15/014546	Feb 03, 2016		

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Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48330BR00	Brazil	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	102016002566-4	Feb 04, 2016		
24148-P48330IN00	India	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	201614004035	Feb 04, 2016		
24148-P48330JP00	Japan	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	2016-020086	Feb 04, 2016		
24148-P48330TW00	Taiwan	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	105104055	Feb 05, 2016		
24148-P48330EP00	European Patent Application	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	16154705.4	Feb 08, 2016		

Internal Reference Number	Country	Title	Application Number	Application Date	International Application Number	International Application Date
24148-P48330RU00	Russian Federation	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	2016103961	Feb 08, 2016		
24148-P48342US01	United States of America	COMPOSITE DISC BRAKE BACKING PLATE (non-compressible core)	15/041798	Feb 11, 2016		
24148-P48330CN00	China	MATERIAL WITH SELF-LOCKING BARBS & METHOD FOR LOCKING BARBS	2016100848 151	Feb 14, 2016		
24148-P48334RU00	Russian Federation	A NOISE DAMPING SHIM (METAL AND GRAPHITE LAMINATE)	2016105107	Feb 16, 2016	PCT/CA201 4/000579	Jul 21, 2014
24148-P48334EP00	European Patent Application	METAL AND GRAPHITE LAMINATE	14828679.2	Feb 19, 2016	PCT/CA201 4/000579	Jul 21, 2014
24148-P48334CN00	China	METAL AND GRAPHITE LAMINATE	2014800525 559	Mar 24, 2016	PCT/CA201 4/000579	Jul 21, 2014
24148-P48342TW01	Taiwan	COMPOSITE DISC BRAKE BACKING PLATE AND METHOD FOR ASSEMBLING THE SAME	105113646	May 02, 2016		

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Part 2

Trademarks

