

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Transfer of Existing Security Interest (Patents)
CONVEYING PARTY DATA	
Name	Execution Date
Bank of America, N.A.	05/13/2013
RECEIVING PARTY DATA	
Name:	Wells Fargo Bank, National Association
Street Address:	1100 Abernathy Road
Internal Address:	Suite 1600
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30328
PROPERTY NUMBERS Total: 120	
Property Type	Number
Patent Number:	7029543
Patent Number:	6780259
Patent Number:	6165291
Patent Number:	7172664
Patent Number:	7200935
Patent Number:	6238497
Patent Number:	7267734
Patent Number:	6755236
Patent Number:	6910524
Patent Number:	6531006
Patent Number:	7380583
Patent Number:	7497402
Patent Number:	7789978
Patent Number:	8012333

Patent Number:	6609557
Patent Number:	6808009
Patent Number:	7250221
Patent Number:	6973955
Patent Number:	7823623
Patent Number:	7040569
Patent Number:	7516637
Patent Number:	7748434
Patent Number:	7472740
Patent Number:	8312915
Patent Number:	7819170
Patent Number:	7608302
Patent Number:	7077186
Patent Number:	6060013
Patent Number:	7004229
Patent Number:	7028750
Patent Number:	5640872
Patent Number:	6331269
Patent Number:	5902543
Patent Number:	7448432
Patent Number:	7871478
Patent Number:	6158498
Patent Number:	6260602
Patent Number:	6546995
Patent Number:	7516775
Patent Number:	7459896
Patent Number:	7485255
Patent Number:	7547463
Patent Number:	7947218
Patent Number:	7191032
Patent Number:	7353681
Patent Number:	7624609
Patent Number:	6802196
Patent Number:	7107804
Patent Number:	6267870

	6350532
Patent Number:	6248193
Patent Number:	6120623
Patent Number:	6533877
Patent Number:	6592688
Patent Number:	6086690
Patent Number:	6408938
Patent Number:	5622562
Patent Number:	5879437
Patent Number:	5728241
Patent Number:	5997721
Patent Number:	6725904
Patent Number:	6470959
Patent Number:	5616189
Patent Number:	5514478
Patent Number:	5614035
Patent Number:	6019939
Patent Number:	5998044
Patent Number:	6524768
Patent Number:	5671800
Patent Number:	5636681
Patent Number:	5582884
Patent Number:	5514211
Patent Number:	5701775
Patent Number:	6267922
Patent Number:	6329329
Patent Number:	8122938
Patent Number:	8210236
Patent Number:	7762310
Patent Number:	7975752
Patent Number:	8347949
Patent Number:	6576184
Patent Number:	5476249
Patent Number:	7882887
Patent Number:	8420008

	8336603
Patent Number:	8096344
Patent Number:	5846479
Patent Number:	6527042
Patent Number:	5494265
Patent Number:	8349470
Patent Number:	7648674
Patent Number:	7617864
Patent Number:	7789124
Patent Number:	7364690
Patent Number:	8418630
Patent Number:	8418748
Patent Number:	8415025
Patent Number:	8425698
Patent Number:	8414825
Patent Number:	D414080
Patent Number:	8236120
Application Number:	12927519
Application Number:	13649960
Application Number:	12290257
Application Number:	11259617
Application Number:	13328394
Application Number:	13066474
Application Number:	13055910
Application Number:	12928354
Application Number:	12930561
Application Number:	13489709
Application Number:	13318113
Application Number:	12661861
Application Number:	12930557
Application Number:	61680644
Application Number:	13066486
Application Number:	13335090
Application Number:	12928353
Application Number:	12928356

12928355

**CORRESPONDENCE DATA**

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**ATTORNEY DOCKET NUMBER:**

597600/39

**NAME OF SUBMITTER:**

Elaine Ziff

**Signature:**

/eziff/

**Date:**

05/21/2013

**Total Attachments: 9**

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**NOTICE OF TRANSFER OF EXISTING SECURITY INTEREST (PATENTS)**

This NOTICE OF TRANSFER OF EXISTING SECURITY INTEREST (PATENTS) ("Notice"), dated as of May 13, 2013, is made by BANK OF AMERICA, N.A., a national banking association located at 135 S. LaSalle, Suite 927, IL4-135-09-27, Chicago, IL 60603 ("BofA"), in its capacity as Collateral Agent under the Original Credit Agreement (as defined below) (in such capacity, the "Existing Agent") and WELLS FARGO BANK, NATIONAL ASSOCIATION, a national banking association located at 1100 Abernathy Road, Suite 1600, Atlanta, GA 30328 ("Wells Fargo"), in its capacity as Successor Agent (as defined below).

Reference is made to that certain Credit Agreement, dated as of December 17, 2010 (as amended, supplemented or otherwise modified from time to time prior to the date hereof, the "Original Credit Agreement") as amended and restated as of the date hereof (the "Amended and Restated Credit Agreement"), among Novelis Inc, a corporation amalgamated under the Canada Business Corporations Act, Novelis Corporation, a Texas corporation, and the other U.S. subsidiaries of the Parent Borrower signatory thereto as borrowers, Novelis UK LTD, a limited liability company incorporated under the laws of England and Wales with registered number 00279596, Novelis Deutschland GmbH, a limited liability company (*Gesellschaft mit beschränkter Haftung*) organized under the laws of the Federal Republic of Germany, Novelis AG, a stock corporation (AG) organized under the laws of Switzerland, AV Metals Inc., a corporation formed under the Canada Business Corporations Act, the Subsidiary Guarantors party thereto (as defined therein), the Lenders party thereto, Wells Fargo, as Administrative Agent and Collateral Agent, and the other parties thereto. Capitalized terms used herein and not otherwise defined shall have the respective meanings assigned to such terms in the Amended and Restated Credit Agreement.

Pursuant to the Agency Resignation, Transfer and Appointment Notice, dated as of the date hereof (the "Agency Resignation"), made by BofA, in its capacities as Administrative Agent, as Collateral Agent and as fondé de pouvoir under the Original Credit Agreement, effective immediately prior to the effectiveness of the Amended and Restated Credit Agreement: (i) BofA resigned as Administrative Agent, as Collateral Agent and as fondé de pouvoir under the Original Credit Agreement, (ii) Wells Fargo was appointed as the successor Administrative Agent, Collateral Agent and fondé de pouvoir under the Original Credit Agreement (in such capacities, the "Successor Agent"), and (iii) BofA transferred and assigned to the Successor Agent all rights powers and interests in the security interests in and Liens on the Collateral, including but not limited to the Patents set forth on Schedule A hereto, heretofore granted to the Existing Agent pursuant to the Loan Documents. Pursuant to the Successor Agent Letter of Acceptance, dated as of the date hereof (the "Agency Acceptance"), made by Wells Fargo, the Successor Agent accepted its appointment as Successor Agent under the Original Credit Agreement. Reference is made to the Agency Resignation and the Agency Acceptance for a complete statement of the terms and conditions of the aforementioned resignation, appointment, transfer and assignment, and acceptance and assumption. In the event of an irreconcilable conflict between this Notice and the Agency Resignation or the Agency Acceptance, the Agency Resignation and the Agency Acceptance shall control.

The purpose of this Notice is to facilitate the recording of the substitution of the Successor Agent as the Secured Party under the Loan Documents in the U.S. Patent and Trademark Office, which lien has heretofore been recorded as follows:

- ABL Patent Security Agreement (Canadian Grantor) – Reel 025662/Frame 0769, recorded January 19, 2011
- ABL Patent Security Agreement (German Grantor) – Reel 025636/Frame 0245, recorded January 14, 2011
- ABL Patent Security Agreement (Novelis Inc. and U.S. Grantor) – Reel 025671/Frame 0507, recorded January 20, 2011
- Patent Security Agreement (ABL) (Novelis Inc.) – Reel 028116/Frame 0193, recorded April 26, 2012
- Patent Security Agreement (ABL) (Novelis Inc.) – Reel 026627/Frame 0874, recorded July 21, 2011
- Patent Security Agreement (ABL) (Novelis Inc.) – Reel 026617/Frame 0001, recorded July 19, 2011
- Patent Security Agreement (ABL) (Novelis Inc.) – Reel 028817/Frame 0474, recorded August 21, 2012
- Patent Security Agreement (ABL) – Reel 029309/Frame 0213, recorded November 15, 2012.

This Notice shall constitute a Loan Document. This Notice may be signed in counterparts, all of which together shall constitute one and the same instrument. The parties hereto may provide signatures to this Notice by facsimile or electronic mail (including .pdf form), and such facsimile or electronic mail signatures shall be deemed to be the same as original signatures.

[Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this NOTICE OF TRANSFER OF EXISTING SECURITY INTEREST (PATENTS) to be duly executed and delivered as of the date first above written.

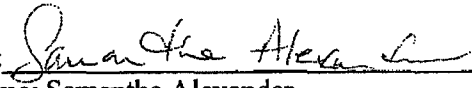
BANK OF AMERICA, N.A., as Existing  
Agent

By:   
Name:  
Title:

[Signature Page to Patent Transfer Notice]



WELLS FARGO BANK, NATIONAL  
ASSOCIATION,  
as Successor Agent

By:   
Name: Samantha Alexander  
Title: Director

[Signature Page to Patent Transfer Notice]

PATENT  
REEL: 030462 FRAME: 0189

**SCHEDULE A**  
**to**  
**NOTICE OF TRANSFER OF EXISTING SECURITY INTEREST (PATENTS)**

**U.S. PATENTS AND PATENT APPLICATIONS**

**Issued Patents:**

App Number	Patent Number	Title	Status
10/863557	7029543	New Automotive Alloy To Meet Japanese Autosheet Requirements	Issued
10/138844	6780259	New Automotive Alloy To Meet Japanese Autosheet Requirements	Issued
09/489119	6165291	Improvement Of Aluminum Fin Alloy Properties By Using Twin Roll Casting Process	Issued
10/297941	7172664	A Method Of Making Aluminium Foil For Fins	Issued
10/311650	7200935	Compliant Work Rolls For Closed Gap Rolling	Issued
09/489082	6238497	Conductivity Control In High Conductivity Aluminum Fin Alloys (Related To Ir 5187)	Issued
10/726181	7267734	Method For Faster Dc Casting Of Lithographic Quality Aa1050 Ingots W/Out Formation Of Electrograining Defects In Final Product	Issued
09/633584	6755236	Linear Nozzles	Issued
10/846423	6910524	Linear Nozzles	Issued
09/782797	6531006	Ultra High Strength Foils	Issued
10/574459	7380583	Aluminum/Aluminum Alloy Belts For The Casting Of Light Metals	Issued
10/433499	7497402	Improving The Flatness Of Coiled Strip By Coiling On A Contoured Spool	Issued
10/488848	7789978	An Alloy For Lithographic Sheet That Contains Additions Of Zinc To Improve The Electrograining Properties Of 1050a In Critical Electrolytes - X-Ref Ir5458	Issued
10/483684	8012333	Formation Of Roughened Surfaces By Etching Preanodised 1050a In Alkali Solutions	Issued
09/620110	6609557	A System For Providing Consistent Flow Through Multiple Permeable Walls In A Casting Mould	Issued
10/461631	6808009	A System For Providing Consistent Flow Through Multiple Permeable Walls In A Casting Mould	Issued
11/361881	7250221	Method Of Producing Clad Aluminum Products	Issued
10/735075	6973955	New Heated Trough Design Concept	Issued
11/724449	7823623	Belt Casting Machine With Mould Section Providing Variable Contact Length With The Metal Slab	Issued
10/467206	7040569	Coil Core With Asymmetrical Waves/Grooves	Issued
10/471617	7516637	Low Cost Texturing Using Tandem Embossing	Issued
11/712672	7748434	Novel Invention For Production Of Readily Oxidized Alloys With One Or More Layers	Issued
10/875978	7472740	Novel Method For Production Of Multi-Layered Ingots	Issued

App Number	Patent Number	Title	Status
12/807739	8312915	Novel Method For Production Of Multi-Layered Ingots	Issued
12/291820	7819170	Novel Method For Production Of Multi-Layered Ingots	Issued
11/827693	7608302	Suppression Of The Reaction Of Aluminum With Refractory Materials In A Dc Ingot Mold	Issued
10/735076	7077186	Horizontally Oriented Mould With Gas And Fluid Lubrication	Issued
08/171964	6060013	Rotary Gas Dispersion Device For Treating A Liquid Aluminium Bath	Issued
10/735074	7004229	System For Independent Mould Feed And Evacuation In A Continuous Horizontal Caster	Issued
10/735077	7028750	Horizontal Cast Billet Support System	Issued
08/495332	5640872	Process And Device For Cooling Heated Metal Plates And Strips	Issued
09/462083	6331269	Inert Tank For Treating Oxidable Liquid Metal	Issued
08/955286	5902543	Process And Device For Cooling An Article - Microjet	Issued
10/574414	7448432	Texturing Of Belts For Belt Casters	Issued
12/380487	7871478	In-Situ Homogenization Of A Dc Cast Ingot	Issued
08/954784	6158498	Casting Of Molten Metal In An Open-Ended Mold Cavity	Issued
09/572644	6260602	Casting Of Molten Metal In An Open-Ended Mold Cavity	Issued
09/693494	6546995	Casting Of Molten Metal In An Open-Ended Mold Cavity	Issued
11/588517	7516775	In-Situ Homogenization Of A Dc Cast Ingot	Issued
11/067768	7459896	Improved Electrode Configuration For Limca (Part Of Limca Cm)	Issued
10/931137	7485255	Self-Annealing Enclosure For Aluminum Coils	Issued
11/471171	7547463	Non-Stick Foil	Issued
11/807456	7947218	Method Of Cooling Coils Using Air	Issued
11/125565	7191032	Optimization Of Pressure Ram Forming And Like Hydroforming Operations	Issued
11/293424	7353681	Patterned Tandem Roll Texturing	Issued
11/982607	7624609	Patterned Tandem Roll Texturing	Issued
10/284912	6802196	Pressure Ram Forming (Prf) Aluminum Beverage Containers (Contains Data From Merged Ir's 5712 & 5713)	Issued
10/788636	7107804	Pressure Ram Forming (Prf) Aluminum Beverage Containers (Contains Data From Merged Ir's 5712 & 5713)	Issued
09/202252	6267870	A Method Of Cleaning Lithographic Sheet To Reduce Surface Defects On Subsequent Graining	Issued
09/381882	6350532	A New Aluminum Alloy For The Household Foil	Issued
09/508172	6248193	Method Of Mfg. Al Alloy Sheet With Superior Resistance To Stress Corrosion Crack & Exc. Shape Stability After Form Work	Issued
09/024849	6120623	High Strength Aluminum Alloy With Excellent Formability And Surface Appearance For Automotive Skin Panel Applications	Issued
09/622488	6533877	Method Of Producing Household Aluminium Foil Of High Strength	Issued
09/121638	6592688	High Conductivity Aluminum Fin Alloys For Automotive Applications As Filed: Aluminum Alloy Fin Stock And Its Preparation	Issued

App Number	Patent Number	Title	Status
09/036649	6086690	Process For Making 5000 Series Alum. Alloy Auto Sheet By Continuous Casting And Hot Rolling	Issued
09/051735	6408938	Higher Strength Corrosion Resistant Finstock Alloy (Alloy Ch27)	Issued
08/449418	5622562	A Method For Applying 100% Solids Coatings To Aluminum Strip By Combining An Adc With A Screw Extruder.	Issued
08/849605	5879437	Siloxane Pretreatment	Issued
08/764983	5728241	Integrated Heat Treatm't Process To Produce Coated/Uncoated Heat Treatable Auto Sheet With Improved Paint Bake Response (Ir4377)	Issued
08/849674	5997721	An Electrolytic Method For Cleaning Aluminum Strip	Issued
10/209071	6725904	Influence Of Water Vapour On The Heat Flow And Surface Quality Of Cast Ingot In A Belt Caster.	Issued
09/664301	6470959	Influence Of Water Vapour On The Heat Flow And Surface Quality Of Cast Ingot In A Belt Caster.	Issued
08/279214	5616189	Age Hardening Aluminum Alloys And A Process For Automotive Panel Applications	Issued
08/128907	5514478	Hydrophilic Corrosion Resistant Coating On Aluminum Sheet	Issued
08/547151	5614035	Hydrophilic Corrosion Resistant Coating On Aluminum Sheet	Issued
08/532586	6019939	Brazing Alloy (X900)	Issued
08/615217	5998044	Production Of A Matt Rolled Finish For Lithographic Sheet	Issued
09/393997	6524768	Production Of A Matt Rolled Finish For Lithographic Sheet	Issued
08/456780	5671800	Molten Metal Injector For Continuous Caster	Issued
08/278849	5636681	Molten Metal Injector For Continuous Caster	Issued
08/168000	5582884	A Method Of Preparing A Peelable Foil Lidding Material	Issued
08/395179	5514211	Siloxane Pretreatment	Issued
08/125343	5701775	Cooling Of Strip	Issued
09/029133	6267922	A Precipitation Hardened Alloy For Automotive Structural Applications	Issued
09/656293	6329329	Improved Avt Press Lubricant Case 2 (Lubricated Metal Workpiece And Method)	Issued
12/661862	8122938	Stationary Means Of Metal Containment For The Sides Of A Twin Belt Caster	Issued
12/802517	8210236	Cavity Shape Measuring Method	Issued
11/786840	7762310	Clad Product For Superplastic Forming	Issued
12/072029	7975752	Novel Method Of Engineering The Interface Of A Clad Interface Using Alcoa's Simultaneous Multiple Alloy Casting Technology	Issued
13/333469	8347949	Novel Method Of Eliminating The Shrinkage Cavity Commonly Found In The Head Of The Direct Chill Ingot	Issued
09/806497	6576184	Tilting Tank For Processing Liquid Metal And Device For Sealed Connection With Fixed Chute	Issued
08/329871	5476249	Ladle For The Filtration Of Liquid Metal Over A Filter Medium With Improved Heating	Issued
12/220954	7882887	Reverse Taper Embodiment	Issued
12/924580	8420008	Mechanical Pump/Vortex For Closed Reverb Furnace	Issued

App Number	Patent Number	Title	Status
12/454655	8336603	Molten Metal Skimmers For Fusion Process	Issued
12/462224	8096344	Sequential Solidification Of An Ingot With Two Or More Chambers With Overlapping Freezing Ranges	Issued
08/855629	5846479	Apparatus For De-Gassing Molten Metal	Issued
09/680459	6527042	Roll For The Continuous Casting Of Metal Strips Comprising A Cooling Circuit	Issued
08/442752	5494265	Ladle For Processing Molten Metal With Minimal Space Requirements And Improved Performance	Issued
12/653894	8349470	Oy Water Resistant Liner And Interlayer Combination For Heat Exchanger	Issued
10/514165	7648674	Device For The In-Line Treatment Of Liquid Metal By Means Of Gas And Filtration	Issued
11/703029	7617864	Use Of Hot-Crack Insensitive Clad Layer For The Purpose Of Reducing The Overall Amount Of Grain Refiner While Retaining Excellent Castibility For A Monolithic Alloy Of A Single Composition	Issued
12/587368	7789124	Use Of Hot-Crack Insensitive Clad Layer For The Purpose Of Reducing The Overall Amount Of Grain Refiner While Retaining Excellent Castibility For A Monolithic Alloy Of A Single Composition	Issued
10/524119	7364690	Device For Injecting A Treatment Gas Into A Molten Metal	Issued
13/134835	8418630	Aluminum Pallet Formed From Tube	Issued
12/931724	8418748	Temperature Compensation For The Maintenance Clad Interfaces During Casting	Issued
12/807740	8415025	Novel Method For Production Of Multi-Layered Ingots	Issued
11/572832	8425698	Continuously Cast Al-Mg-Alloy Sheet Having Superior Press Formability	Issued
12/806939	8414825	Moveable Sweat Hearth	Issued
29/085310	D414080	Stepped-recess Food Container	Issued
12/091871	8236120	Method and apparatus for Manufacturing a Wrap-around Tube	Issued

#### Patent Applications:

App. Number	App. Date	Title	Status
13/649960	10/11/2012	In-Situ Homogenization Of A Dc Cast Ingot	Published
12/290257	10/29/2008	Improved Electrode Configuration For Limca (Part Of Limca Cm)	Published (on appeal)
11/259617	10/25/2005	Pulsed Air Jet Piping And Equipment Arrangement And Method Used To Maintain Maximum Airflow Through A Regenerative Burner Media Bed	Published
13/328394	12/16/2011	All Aluminum Solar Absorber Panel Incorporating Fusion Clad Sheet	Published
13/066474	4/14/2011	Novel Method Of Isolating Metal Transfer Trough Rfr From Its Supporting Structure And Isolating The Joint Between Adjacent Metal Transfer Trough Rfr Section To Prevent Molten Metal Leakage And Flow By Means Of A Rfr Saddle	Published
13/055910	3/16/2011	Automotive Sheet Product With Extreme Formability	Published
12/928354	12/8/2010	Novel Method Of Insulating A Molten Metal Trough	Published

App. Number	App. Date	Title	Status
12/930561	1/11/2011	Novel Method Of Attaching A Moveable Metal Transfer Trough Cover Or Top Heater To The Trough's Support Structure	Published
13/489709	6/6/2012	Aluminum Alloy Sheet And Method For Manufacturing The Same	Published
13/318113	2/2/2012	High Speed Electrolytic Graining Alloy	Published
12/661861	3/24/2010	Variable Width Flexcaster.	Published
12/930557	1/10/2011	Idea For Controlling Prf Expansion Process Without Thermal Gradient	Published
61/680644	N/A	Development Of A New Lubrication For The Needed Slippery Characteristics At The Can Ends Makers	Provisional
13/066486	4/14/2011	Novel Method Of Starting And Stopping The Flow Of High Temperature Liquid In An Open Flow Channel	Published
13/335090	12/22/2011	Reverse Flow Regenerative Bed	Published
12/928353	12/8/2010	Novel Method Of Creating A Leak-Proof Joint Between Adjacent Sections Of Refractory Trough Used For Molten Metal Transfer Trough	Published
12/928356	12/8/2010	Novel Method Of Creating A Crack Resistant And Thermally Conductive Refractory Trough Section For Molten Metal	Published
12/928355	12/8/2010	Novel Method Of Fabricating And Utilizing A Compression Rod In A High Temperature Application	Published
13/421350	To Come	To Come	To Come
61/614118	To Come	To Come	To Come
61/614790	To Come	To Come	To Come